

**Department of the Army  
Pamphlet 738-750**

**Maintenance of Supplies and Equipment**

# **Functional Users Manual for The Army Maintenance Management System (TAMMS)**

**Headquarters  
Department of the Army  
Washington, DC  
1 August 1994**

**Unclassified**

# ***SUMMARY of CHANGE***

DA PAM 738-750

Functional Users Manual for The Army Maintenance Management System (TAMMS)

This revision--

- o Incorporates general Air Traffic Control (ATC) information and usage of FAA Form 6030-1 in chapter 3.
- o Updates examples of forms used as figures in chapter 2.
- o Introduces a new DA Form 2407, which will rescind the existing DA Forms 2407 and 5504. This form was designed to be compatible with current manual and automated systems, and provide the field with 1 maintenance request form.
- o Provides a rewrite of chapter 3, maintenance forms. This chapter includes an added paragraph on low usage ; contains examples of all required maintenance forms for manual and automated units, with the exception of SAMS unique forms (chap 13) ; and updates examples of the forms.
- o Contains examples of revised forms in chapter 7. The DD Form 862 and FRA F6180-49A have been slightly modified for ease of use.
- o Includes dates with all SMART messages in chapter 10.
- o Provides a rewrite of chapter 12, ULLS, and slightly reformatted forms.
- o Updates the Failure Codes (app B, table B-1) to correspond with the Failure Code list in DA Pam 738-751.
- o Upgrades tables in appendix B to reflect requirements of current automated systems.
- o Updates the WARCOS and LAOs in appendix C.
- o Deletes the Equipment Under Warranty table in appendix D.
- o Adds a Julian Date Calendar as appendix D.

Headquarters  
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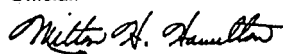
## Maintenance of Supplies and Equipment

# Functional Users Manual for The Army Maintenance Management System (TAMMS)

By Order of the Secretary of the Army:

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General, United States Army  
Chief of Staff

Official:



MILTON H. HAMILTON  
Administrative Assistant to the  
Secretary of the Army

**History.** This UPDATE printing publishes a rewrite of this publication. Therefore, the changed portions have not been highlighted. This publication has been reorganized to make it compatible with the Army electronic publishing database. No content has been changed.

**Summary.** This pamphlet covers the preparation and management of forms and records required to manage maintenance, control the use, and report warranty actions and deficiencies on Army equipment.

**Applicability.** This pamphlet applies to the Active Army, Army National Guard, U.S. Army Reserve, and contractors supporting operations in a contingency environment. It applies to nontactical (commercial) wheeled vehicles and non-Army activities that have or support Army Communications Security (COMSEC) equipment and watercraft. It also applies to all Air Traffic Control (ATC) equipment including tactical and U.S. Army-maintained ATC and navigational aid (NAVAID) facilities designated for use in National Airspace System (NAS) by the Federal Aviation Administration (FAA).

**Proponent and exception authority.** Not Applicable.

**Interim changes.** Interim changes to this

pamphlet are not official unless they are authenticated by The Adjutant General. Users will destroy interim changes on their expiration dates unless sooner superseded or rescinded.

**Suggested Improvements.** The proponent agency of this pamphlet is the Office of the Deputy Chief of Staff for Logistics. Users are invited to send comments and suggested improvements on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to Director, USAMC Logistics Support Activity, ATTN: AMXLSRRM, Redstone Arsenal, AL 35898-7466.

**Distribution.** Distribution of this publication is made in accordance with the requirements on DA Form 12-09-E, block number 2561, intended for command level A for Active Army, ARNG, and USAR.

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**RESERVED**

## Chapter 1 Introduction

### 1-1. Purpose

a. This pamphlet indicates which records are required to control and manage equipment and maintenance. AR 750-1 sets the policy for keeping the records outlined in this pamphlet.

b. This pamphlet applies to all Army equipment, except installed equipment (see AR 420-17), industrial production equipment, non-standard equipment that has not been type classified or assigned a National Stock Number (NSN), equipment bought with nonappropriated funds, and medical equipment covered by TB 38-750-2.

c. The forms and records are used to—

(1) Control equipment and manage maintenance.  
(2) Make equipment improvement recommendations (EIRs) and product quality deficiency reports.

(3) Ask for, apply, and report Modification Work Orders (MWOS).

(4) Keep track of and report on the condition, status, and operation of equipment.

(5) Collect and report information used to design new equipment and redesign and improve current equipment.

(6) Gather information for special one-time studies and projects. When the forms do not meet the needs of a study or project, ask HQDA (DALO-SMM), WASH DC 20310-0546, for approval to vary from this pamphlet.

(7) Get special maintenance information from selected units in selected areas. This sampling will be limited to a stated number and a specific type, model, or series of equipment. The sample can be taken for only a limited time. AR 750-1 governs sampling programs.

(8) File warranty claim actions (WCAs).

### 1-2. References

Required and related publications and prescribed and referenced forms are listed in appendix A.

### 1-3. Explanation of abbreviations and terms

Abbreviations and special terms used in this regulation are explained in the consolidated glossary. Other military terms are defined in AR 310-25.

### 1-4. Exceptions

This pamphlet cannot be supplemented or changed without approval from HQDA (DALO-SMM), WASH DC 20310-0546.

### 1-5. Types of records

a. *Operational records.* Operational records give the information needed to control equipment. They help plan, manage, and put the equipment and personnel to the best use. Operational records are in chapter 2.

b. *Maintenance records.* Maintenance records control maintenance schedules and services, inspections, and repair workloads; and are used to report, ask for, and record repair work. They help keep up with the status of equipment for readiness, warranty, equipment use, and logistics reports. Maintenance records are in chapter 3.

c. *Nonaeronautical Equipment, Army Oil Analysis Program (AOAP).* Technical information, instructions, and operating procedures for nonaeronautical equipment enrolled in the AOAP are described in chapter 4. Policies, objectives, and responsibilities of the AOAP are prescribed in AR 750-1.

d. *Equipment historical records.* Historical records are permanent forms on the receipt, operation, maintenance, modification, transfer, and disposal of individual items of equipment. These records are in chapter 5.

e. *Watercraft records.* Records for U.S. Army floating craft are in chapter 6.

f. *Rail equipment records.* Chapter 7 covers records for U.S. Army rail equipment.

g. *Communication security (COMSEC) equipment.* COMSEC equipment records are in chapter 8.

h. *Ammunition records.* Use ammunition records to control and report on munitions. Nuclear weapon reporting is covered by (C) TB 9-1100-803-15. Ammunition records are in chapter 9.

i. *Supply and Maintenance Assessment and Review Team (SMART).* The purpose of SMART, how to submit a SMART initiative, and a list of SMART Initiatives are included in chapter 10.

j. *Deficiency reports.* Procedures to report deficiency reports are in chapter 11.

k. *Unit Level Logistics System (ULLS) user procedures.* ULLS user procedures are outlined in chapter 12.

l. *Standard Army Maintenance System (SAMS) user procedures.* Forms and procedures unique to SAMS users are outlined in chapter 13.

### 1-6. General instructions

a. Information about equipment forms and records, and specific details on how to use, fill out, and handle each form is found in the related chapter. Unless the specific instructions for the form say otherwise, the following rules apply:

(1) Nonapplicable entries will be left blank.

(2) All entries on the forms will be printed or typed except personal signatures and initials. All forms and records will be filled out in pencil, unless the specific instructions tell you to use ink. If ink is required, you will use a blue or black pen. Repeated information can be entered by rubber stamp. Typed and stamped entries will be in blue or black. Grease pencils, felt tip marker, and colored pencils will not be used except as directed for corrected copies.

(3) Time and effort can be saved by using abbreviations. Use only the abbreviations in AR 310-50, AR 700-138, appendix B, and the consolidated glossary.

(4) Authorized codes for forms are listed in appendix B.

(5) Ditto symbols may be used. However, make sure the symbols cannot be misunderstood.

(6) Forms may be overprinted when the information is repeated each time the form is used for a particular purpose. For example, heading information or inspection items may be overprinted.

(7) The terms noun, noun abbreviation, and noun nomenclature refer to the same basic identification. These terms may be used interchangeably.

(8) Use the examples and illustrations as guides only. Read the text and figure instructions. Then fill out your forms showing your own equipment, unit, and status. If there is a conflict between the form and the instructions in the figure, use the instructions.

(9) Forms will not be changed or altered. You will not use locally devised forms instead of, or in addition to, the forms in this pamphlet. When forms do not give you needed information, you can ask permission to vary from this pamphlet. However, you will not vary from these requirements without written permission from HQDA (DALO-SMM), WASH DC 20310-0546.

(10) Commanders appoint a designated representative to sign some forms and records. When a representative is appointed, that authority must be in writing on a memorandum, orders, or a DA Form 1687 (Notice of Delegation of Authority-Receipt for Supplies). See DA Pam 710-2-1.

(11) Where rank/grade is mentioned, rank refers to military (e.g., CPT), and grade refers to civilian (e.g., WG-09).

(12) Use julian or calendar dates unless the specific form instructions tell the type of date to put on a form.

(13) Do not make out forms and records until you have an entry for them.

(14) Disposition instructions are provided for each form. A form may be retained beyond the prescribed period when required locally to assist management or in special situations. A form will not be retained beyond the prescribed time merely for inspection purposes.

(15) Wherever a masculine pronoun "he", "him", or "his" is used, it will be construed to include the feminine "she", "her", or "hers" as appropriate.

b. Commanders direct the preparation of forms for local management purposes. The forms used for local management purposes, and not directed to be maintained by other guidance, will not be sent outside the command.

c. The forms are no good unless the information is readable, correct, and complete. If a form is found with missing or incorrect information, check the applicable instructions for the form. If those instructions say the form or the information stays within the unit, just correct the form. Erase, use correction fluid or tape, or line through the wrong information. Write the correct information above the line or where the old entry was. Some information or entries cannot be changed. Check the specific form instructions before you erase, correct, or line through entries.

d. Whenever you make an EIR, check AR 672-20. Many EIRs qualify as suggestions and could earn you some money.

e. This pamphlet gives instructions for manually preparing maintenance forms and records. Some Department of the Army (DA) standard automated systems (ADPE-supported) also require maintenance forms and records. The instructions for filling out the forms under those systems are in the manuals for those systems. When the automated system you are under disagrees with this pamphlet, go with the automated system manual. But, the automated system manual rules over this pamphlet only when—

(1) The unit or activity that makes out the records has approval to use the DA standard automated system.

(2) The equipment records for the automated system meet the needs of this pamphlet.

(3) Reports required to be sent to the national level also fit the needs of this pamphlet. Those reports will meet the format and data reduction requirements in chapter 5.

f. Units or activities that are ULLS users will comply with the system's automated users manual. ULLS provides automated procedures for performing and managing limited TAMMS functions and standard motor pool operations. Many manual forms are replaced by automated records in ULLS. The forms automated through ULLS are authorized and will be used in place of the manual forms.

g. Units or activities operating under SAMS will use procedures as outlined in AISM 25-L21-AHN-BUR-EM.

h. Units or air traffic control (ATC) facilities that maintain non-standard Army ATC equipment must still use all historical and maintenance related forms in this pamphlet, as appropriate, as well as any other maintenance forms that are directed by the specific equipment's technical publications.

## 1-7. Forms requirements

a. The required forms and records give you and your commander a picture of the equipment's condition, use, operation, and needs. The ultimate purpose of this information is to have the equipment safe and ready for combat.

b. Operators, dispatchers, records clerks, mechanics, prescribed load list clerks, supervisors, and commanders have an equal stake in maintaining the forms.

c. The forms and records will not be redone just for neatness (See para 1-6c). Redo historical forms and records, as shown below, only when the original form is lost or so damaged that the information is no longer readable.

(1) When a historical form is redone, move all the information from the old form to the new one. In the remarks block of the new form or in the top or bottom margin, print: "New Form Initiated" and the date. The commander or the commander's designated representative signs the entry. Put UNK for unknown in any block that cannot be read. Throw away the national maintenance point (NMP) copies of forms made to replace lost or damaged forms. See the following instructions:

(a) These instructions apply only when the original form was on hand, but was lost or damaged.

(b) If equipment requiring a DA Form 2408-9 (Equipment Control Record) arrives in the unit without a form or there is no record of a DA Form 2408-9 on it, use the instructions in paragraph 5-2a.

(2) If you lose, damage, falsify, or destroy a record intentionally or through negligence, you will be subject to disciplinary action. These forms and records are important.

## 1-8. Status symbols

a. Status symbols are used on forms and records to show the seriousness of equipment faults or problems. The five status symbols below are used (X, CIRCLED X, HORIZONTAL DASH (-), DIAGONAL SLASH (/), and LAST NAME INITIAL):

(1) X. An X status symbol is for a fault or equipment condition that is a deficiency. Deficiencies put the equipment in an inoperable status. No one will authorize or order equipment operated until the X condition is repaired or status changed. If the condition is unusual and could occur on other similar equipment, check the other equipment. The commander or the commander's designated representative will immediately place all similar equipment in an X status symbol. Each item will be inspected. If the unsafe condition is found, it must be fixed; and, if necessary, a Category I deficiency report submitted, as outlined in chapter 11. Leave the equipment in an X status until instructions are received. An X status symbol applies to the following situations:

(a) *Deficiency on the equipment.* The motor officer, maintenance officer, or designated representative will inspect all work taken to correct each status symbol X and CIRCLED X deficiency.

(b) Component or assembly is defective or removed and makes the equipment unsafe to operate.

(c) Equipment has a deficiency listed in the "not mission capable if" (formerly equipment not ready/available if) of the equipment TMs PMCS table.

(d) Fault that endangers the lives of the operator or crew, listed in AR 385-55 as NMC, or that would further damage the equipment. This equipment will not be reported on MCSR unless listed in the NMC column of PMCS tables, but will be an administrative deadline.

(e) Urgent MWO has been published, but not applied to the equipment.

(f) Safety-of-Use message issued stating a potentially dangerous or unsafe condition on your equipment.

(g) The commander judges the equipment not able to do its mission.

(2) *CIRCLED X.* A CIRCLED X means the equipment has a deficiency but may be operated under set limitations. The commander or the commander's designated representative may authorize limited operation. The limited operation is usually for a one-time only operation but is dependent on the mission. A CIRCLED X status symbol applies to the following situations:

(a) Limited urgent MWO or deficiency with limiting conditions on your equipment. Limited condition means the equipment can be operated, but only within limits set by the MWO or other publication. The limits may affect operation or require a maintenance action in a set time.

(b) Potentially dangerous condition that requires limiting operations. When you find this type of condition, inspect other similar equipment. The commander or the commander's designated representative will put all similar equipment under limited operations. Send in a Category I deficiency report as outlined in chapter 11.

(3) *HORIZONTAL DASH (-).* A HORIZONTAL DASH shows that an inspection, component replacement, or overdue MWO has not been done or applied.

(4) *DIAGONAL SLASH (/).* A DIAGONAL SLASH shows a fault with equipment other than a deficiency. Faults must be fixed to make the equipment fully usable and to prevent more problems.

(5) *LAST NAME INITIAL.* A LAST NAME INITIAL shows a completely satisfactory condition or a corrected fault.

b. Status symbols reflect the judgment of the person making the inspection, operating the equipment, or doing the maintenance. No one will order an individual to change a status symbol. All changes become permanent, except CIRCLED X, until the fault is corrected or determined otherwise by the commander's designated representative, who will be knowledgeable in maintenance. The faults will be corrected per the Army -10 and -20 PMCS maintenance standards as noted in AR 750-1. A status symbol will be changed only under the following conditions:

(1) *Status symbol change.* The commander or commander's designated representative will ensure that the following is accomplished if they disagree with a status symbol:

(a) Changes can be made from a less serious to a more serious status symbol, and from a serious to a less serious status symbol.

(b) The commander or commander's designated representative will show a status symbol change on a DA Form 2404 (Equipment Inspection and Maintenance Worksheet) by re-entering the fault and new status symbol on the next open line. Print "status symbol change" in column d next to the fault.

(c) When either the original or final (change) status symbol is an X or a CIRCLED X, the repair work will be inspected. When the repair is finished, the repairer who performed the work will initial in column e. The commander or commander's designated representative will designate a qualified person who has not performed the repair work. This designated inspector will put his last name initial over the status symbol to accept the work and start the process to close out the fault.

(2) *Changing an X to a CIRCLED X status symbol.* A fault with an X status symbol puts the equipment in an inoperative condition. The equipment may have to be sent to a higher level maintenance activity for repair. Operating equipment in a CIRCLED X status symbol always carries some risk or danger. The commander or commander's designated representative will verify deficiency on a daily or mission basis, whichever is greater.

(a) Before allowing limited operations, make sure the crew or operators will not be endangered or the equipment further damaged.

(b) Changing an X to a CIRCLED X is temporary. When the daily or mission dispatch is over, the equipment goes back to an X status symbol.

(c) Changing an X not mission capable (NMC) condition to a CIRCLED X only effects operation of the equipment. The time is still counted as NMC on the DA Form 2406 (Materiel Condition Status Report), DA Form 3266-1 (Missile Materiel Readiness Report), DD Form 314 (Preventive Maintenance Schedule and Record), and DA Form 3266-2R (Missile Materiel Status Report Worksheet).

## 1-9. How to report errors, recommend improvements, and ask for help

a. If you need help or have questions about this pamphlet, send a letter through your command to the Director, USAMC Logistics Support Activity, ATTN: AMXLS-RRM, Redstone Arsenal, AL 35898-7466. Be sure to send the letter through channels, as the answer you need may be nearby. Your command will try to answer your question before passing it on. If you go through channels, you will get an answer sooner.

b. Make sure your DA Forms 2028 (Recommended Changes to Publications and Blank Forms) and letters asking for information list the paragraph and page number. Remember to add your name and DSN or commercial phone number.

## 1-10. Sample data collection

a. Sample data collection (SDC) is the DA authorized process in accordance with AR 750-1 and AR 750-2 for collecting and administering information on fielded Army equipment and equipment support.

b. Data is collected on specific equipment in specific units for specific objectives. The data provides equipment developers and equipment managers with actual field performance information in support of supply, maintenance, or engineering evaluations. The SDC Program establishes an audit trail and supports evaluations of SDC specific objectives; for example, evaluated fielded systems currently in production using engineering service type data for the purpose of improving the production system reliability, availability, maintainability, and readiness characteristics.

c. HQDA approves all SDC projects. The executive agent designated by DA for SDC management will announce the initiation of

an SDC project by message 30 days before the SDC project implementation date. Participating units will be information addresses on those messages.

d. Accurate, timely, and complete recording of all data on TAMMS and SAMS forms and records by participating SDC units is essential to the success of an SDC project.

e. SDC project documentation includes a major Army command(MACOM) approved Field Procedures Guide (FPG), containing specific responsibilities, procedures, and instructions on what TAMMS, and SAMS forms will be required for the SDC project. In certain instances, it is necessary for the TAMMS forms to be modified to allow for the collection of essential data (for example, military occupational specialty (MOS) is not a required entry on the DA Form 2404 by the instructions in this pamphlet). Modified TAMMS and SAMS forms will only be used upon MACOM approval. Therefore, participating SDC units will ensure modified TAMMS and SAMS forms, if applicable, are completed as directed in the MACOM approved FPG.

f. AR 750-1 authorizes unit personnel in selected units to record data on special SDC forms. The use of special forms is restricted to a minimum and will be approved only with strong justification and per an approved SDC plan and FPG. Units participating in SDC projects will complete the applicable SDC form as directed by the MACOM approved SDC FPG. MACOM approval of the SDC FPG serves as the authority for unit personnel to complete the special SDC form.

## Chapter 2 Operational Records and Dispatch Procedures

### 2-1. General procedures

a. This chapter tells how to make out and use forms for equipment operation, dispatch, and control.

b. The forms and records will be kept by all units, organizations, and activities who operate self-powered vehicles, towed vehicles, and stationary powered equipment. These forms may be used for other equipment when the commander wants hours of use, fuel, and oil added or other information.

c. Units with automatic data processing equipment support will use printouts or automated forms in place of the manual forms in this chapter.

d. The following publications tell how to train, test, and license equipment operators, except on aircraft, and report accidents:

- (1) AR 55-19
- (2) AR 56-9
- (3) AR 190-51
- (4) AR 385-40
- (5) AR 385-55
- (6) AR 600-55
- (7) AR 700-84
- (8) FM 21-17
- (9) FM 55-30
- (10) FM 21-305
- (11) FM 21-306
- (12) TB 600-1
- (13) TB 600-2

### 2-2. How to dispatch equipment

a. Dispatching is the method by which a commander controls the use of equipment. However, allowing equipment to be used carries with it the responsibility for both the equipment and the operator's safety. Commanders ensure that dispatching procedures are understood and followed.

b. The commander appoints a responsible person to the duties of a dispatcher (reference para 1-6a(10)).

c. The dispatcher—

- (1) Fills requests for equipment to be issued or used.

(2) Checks the operator's OF 346 (U.S. Government Motor Vehicle Operator's Identification Card) or DA Form 5984-E (U.S. Government Motor Vehicle Operator's Identification Card) (Automated) to make sure the operator is licensed for the equipment requested.

(3) Issues and collects the equipment record folder and the needed forms in the folder.

(4) Makes sure that the operators make needed and correct entries on the forms in the equipment record folder.

(5) Logs equipment in and out on the DA Form 2401 (Organizational Control Record for Equipment).

(6) Makes required entries on the DD Form 1970 (Motor Equipment Utilization Record).

(7) Makes sure equipment faults are reported to maintenance personnel using DA Form 2404.

(8) Reports any differences in stated and actual destinations or missions.

(9) Notes any services done during the dispatch, AOAP samples taken, and so forth. Update the DA Form 5823 (Equipment Identification Card) to show any new information.

*d.* The dispatch loop describes the following procedures that will be followed when dispatching equipment:

(1) The operator reports to the dispatcher. For equipment needing licensed operators, the operator's OF 346 or DA Form 5984-E (Automated) will list or cover the item.

(2) The dispatcher gives the operator an equipment record folder with all the forms that will be needed during the mission. Both the dispatcher and the operator check the DA Form 5823 on the front of the folder for services due on the equipment. For unusual dispatch situations such as field training exercises or alerts, forms and packets will be prepared in advance.

(3) The operator uses the equipment TM for before-operation PMCS. Any faults the operator can fix will be fixed. Other faults, not already on the DA Form 2408-14 (Uncorrected Fault Record), go on the DA Form 2404. Nontactical equipment may not have a PMCS. Use a local checklist as a PMCS for that equipment. Operational checks and services will be performed before the equipment leaves the motor pool or other dispatch point. Operational checks will be performed while the equipment is being operated. Operational checks and services will be performed when the equipment completes the mission or returns to the motor pool or dispatch point.

(4) The operator and/or mechanic fixes any new faults, if possible. The commander or the commander's representative decides if any remaining faults go on the DA Form 2408-14 or keep the equipment from being dispatched.

(5) If the equipment is ready to dispatch, the dispatcher makes needed entries on the DA Form 2401 and validates the DD Form 1970 with signature and date.

(6) The operator leaves with the equipment and equipment record folder with all needed forms. During-operation checks are noted during the dispatch.

(7) When the mission is completed, the operator performs the after-operation PMCS on the equipment and annotates new faults on the DA Form 2404. The operator and mechanic will fix any faults they can and secure the equipment.

(8) The operator turns in the equipment records folder and all forms to the dispatcher. The dispatcher checks the forms for any open faults or needed actions. If the DD Form 1970 has been completely filled, the dispatcher transfers needed information to a new DD Form 1970. The dispatcher then closes out the DA Form 2401 entry for that item.

(9) Motor transport units performing line haul operations transfer their semitrailers to a larger organization designated by the senior motor transportation command (either group or brigade). The commander of the larger transport organization establishes a semitrailer control office that will be responsible for maintaining dispatch and maintenance records on those semitrailers.

## 2-3. Equipment record folder

*a.* The equipment record folder (NSN 7510-01-065-0166) holds

the forms needed to keep up with equipment use, operation, and condition while on dispatch. (See fig 2-1.)

*b.* The equipment record folder is used each time an item of equipment goes on dispatch as shown below:

(1) The folder will carry only the forms and records needed during a dispatch. For routine dispatch, a vehicle folder will contain the current DA Form 2404; DA Form 2408-14, when there is something deferred or on order for the equipment; DD Form 1970; and the accident forms, SF 91 (Operator Report on Motor Vehicle Accidents), and DD 518 (Accident Identification Card).

(2) A DA Form 2408-4 (Weapon Record Data) will go in the folder only when the weapon is to be fired, serviced, or repaired.

(3) Put all the forms, except the DD Form 314 and the DA Forms 2408-9, in the folder when the equipment goes to support maintenance.

*c.* An equipment record folder will be assigned to a specific item of equipment. The DA Form 5823 in the front outside pocket ties the folder to the equipment.

*d.* The equipment record folder and all forms on an item of equipment go with the equipment when it is turned in or transferred.

## 2-4. DA Form 5823 (Equipment Identification Card)

*a.* The DA Form 5823 ties a particular equipment record folder to an item of equipment. (See fig 2-1.)

*b.* A DA Form 5823 goes in the outside front pocket of each equipment record folder. Information on the card is used to identify the equipment covered, keep track of services due, and identify the assigned operator and leader.

*c.* The dispatcher and operator use the card to keep up with services and make sure the right folder is issued.

*d.* Keep information on the DA Form 5823 current. Whoever keeps the DD Form 314 will update the information after each scheduled service.

*e.* The DA Form 5823 will be replaced when it is no longer readable.

*f.* DA Form 5823 is not required if under ULLS.

## 2-5. DD Form 1970 (Motor Equipment Utilization Record)

*a. Purpose.* The DD Form 1970 is a record of motor equipment use. (See figs 2-2, 2-3, and 2-4.)

*b. Use.*

(1) The DD Form 1970 will be used to control the use of special purpose and material handling equipment, combat, tactical, and non-tactical vehicles.

(2) DD Form 1970 will be used to record operating time on equipment that requires services based on hours only. This includes such equipment as generators, air compressors, centrifugal pumps, and so forth. Operating time is the time of operation, using the time of day or hours of usage. Equipment on which an operating time DD Form 1970 is kept only requires an entry on DA Form 2401 when the equipment is used for the purpose for which it was intended; that is, a generator used to provide electrical power or a compressor used to provide compressed air for a mission or a mission support. An entry on DA Form 2401 is not required when equipment is not leaving the motor pool area or area where equipment is maintained or stored.

(3) DD Form 1970 will be used for the following varying periods depending on its use:

*(a)* For regular dispatches, DD Form 1970 will be used until all the spaces in either the operator or action section have been filled. For equipment with a single operator, for example, the DD Form 1970 normally will be used for four separate dispatches before it is completed.

*(b)* For an extended dispatch, DD Form 1970 will be used until all the spaces in either the operator or destination sections have been filled. An extended dispatch will be used whenever the equipment being dispatched will not return to the motor pool within the dispatch day; for example, prior to 2400. Examples for use of extended dispatch include guard duty and maneuvers. When an extended dispatch may require more room than one DD Form 1970 allows,

the dispatcher provides blank copies of the DD Form 1970 to use as continuation sheets.

(c) Forms recording only operating time will be used until the destination or operator section is filled in.

(4) DD Form 1970 will be used for control purposes for administrative and engineering and housing motor pools that do not have ADP support. Each dispatch will require a separate DD Form 1970.

(5) Equipment going to support maintenance will be dispatched to and from support maintenance on DD Form 1970 and DA Form 2401. An exception to this is when the unit requesting support maintenance and the support maintenance activity are located so that the equipment will not leave the Motor Pool area or area where equipment is maintained or stored. In this case, only a DA Form 2407 (Maintenance Request) needs to accompany the equipment. At support maintenance, the DA Form 2407 will be used as a dispatch record for maintenance repair operations and final road testing.

(6) The DD Form 1970 will be used to record exercises of low use equipment and equipment in administrative storage.

*c. Disposition.*

(1) The dispatcher—

(a) Puts the time of return on the DA Form 2401 entry.

(b) Transcribes needed information to a new DD Form 1970. For equipment under the AOAP, the dispatcher takes any oil added from the Remarks Block. This number will be added to the total in the Oil Block at the top of the completed DD Form 1970. The new total will be entered in the Oil Block of the new DD Form 1970. The dispatcher keeps a total of oil added to that item only until the next oil sample is taken. The date and hour of the next oil sample will be found on the DA Form 5823 and the DD Form 314. When an oil sample is taken, the figure in the Oil Block of the DD Form 1970 goes to zero. This information is needed for the DD Form 2026 (Oil Analysis Request) sent in with each oil sample.

(c) When required locally, add fuel added during the dispatches to the total in the Fuel Block. The new total will be placed in the Fuel Block on the new DD Form 1970. Local standing operating procedures (SOP) will decide how long and when fuel totals will be kept.

(d) Look for any unusual entries in the Remarks Block that need further action.

(e) After needed information has been moved to other forms, you may keep the last completed DD Form 1970 until a new form is completed. You may have no more than two DD Forms 1970 on the equipment: one completed copy on file and one open for dispatch.

(f) When equipment is involved in an accident or other situation under investigation, keep the DD Form 1970 on the equipment until released by the investigator at the completion of the investigation.

Prepare a new DD Form 1970 the next time the vehicle is dispatched.

(2) A completed DD Form 1970 is as follows:

(a) A DD Form 1970 used to dispatch equipment is considered completed whenever the operator blocks, time in and out blocks, or destination blocks are filled. The commander may line out unused portion to close out a form whenever needed.

(b) A DD Form 1970 used to show running time on equipment is considered completed when the destination or operator blocks are filled.

## **2-6. DA Form 2401 (Organizational Control Record for Equipment)**

*a. Purpose.* The DA Form 2401 is a record of operators and location of equipment on dispatch or in use. (See Fig 2-5.).

*b. Use.*

(1) Dispatchers note the dispatch or use of equipment.

(2) DA Form 2401 tells commanders who asks for and uses the equipment. It also lets the commander know where the equipment is and when it should return.

*c. General information on the DA Form 2401.*

(1) DA Form 2401 may be overprinted when the same equipment is dispatched every day.

(2) Use a separate DA Form 2401 to show the dispatch of "radio taxis". When this DA Form 2401 is used for radio cab dispatch, columns a through m will be filled in as required locally.

(3) The same page may be used for more than one day. Draw a line through the middle of columns "a" through "e" below the last dispatch entry for a day. Write the next date in column "f" (Destination), then draw a line through the middle of column "g" through "l". Do not make a line or date entry for days no equipment is dispatched.

(4) Make separate line entries for equipment that is towed to a location but will not return with the dispatched equipment.

(5) Do not dispatch equipment for motor stables or routine maintenance unless it leaves the equipment or motor pool area.

(6) Equipment sent to support maintenance on a DA Form 2407 will be dispatched on a DD Form 1970 and DA Form 2401 except as noted in paragraph 2-5b(5).

*d. Disposition.*

(1) Destroy DA Form 2401 one month after the last entry in column 1 has been closed out.

(2) If an accident or unusual situation occurs, keep the DA Form 2401 until it is released by the investigator.

**U.S. ARMY**

**EQUIPMENT RECORD FOLDER**



|                                                 |                                              |
|-------------------------------------------------|----------------------------------------------|
| 1 BUMPER NO.<br><i>H-16</i>                     | 2 MODEL<br><i>M151A2</i>                     |
| 3 NOUN<br><i>TRK 1/4 TON</i>                    | 4 NSN<br><i>2320-00-177-9258</i>             |
| 5 SERIAL NO.<br><i>A241827</i>                  | 6 AOAP SAMPLE                                |
| 7 NEXT SERVICE AT<br><i>29,781 MILES/14 DEC</i> | 8 NEXT LUBE AT<br><i>27,012 MILES/17 SEP</i> |
| 9 OPERATOR<br><i>LOWMAN PFC</i>                 | 10 SUPERVISOR<br><i>BISHOP CW2</i>           |

DA FORM 5823, SEP 89      **EQUIPMENT IDENTIFICATION CARD**  
For use of this form, see DA PAM 738-750, the proponent agency is DCSA00

THIS RECORD IS A DEPARTMENT OF ARMY CONTROLLED ITEM AND MUST  
 BE SAFEGUARDED AGAINST LOSS AND DAMAGE IN THE EVENT OF LOSS SEE  
 DA PAM 738-750

**PROPERTY OF THE U.S. GOVERNMENT**

Figure 2-1. Sample of a completed Equipment Record Folder with Equipment Identification Card

Legend for Figure 2-1:  
 Completion instructions for DA Form 5823

The following information will go on each DA Form 5823:

**Bumper No.** Enter the equipment bumper number. If the equipment does not have an assigned bumper number, enter the equipment's administration number.

**Model.** Enter the model number.

**Noun.** Enter the noun or noun abbreviation. **National Stock Number (NSN).** List the end item NSN.

**Serial No.** List the serial number for the equipment. For equipment managed by registration number, put the item's registration number on the card.

**AOAP Sample.** Enter the date and hours the next AOAP sample is due. Get this information from the equipment's DD Form 314 or AOAP lab printout. When making this entry, only use pencil. The entry is only needed for equipment under AOAP.

**Next Service At.** Enter the date and/or miles, kilometers, or hours

when the next scheduled service is due on the equipment. Get this information from the DD Form 314. Pencil entry.

**Next Lube At.** Put the date and/or miles, kilometers, or hours when the next scheduled lubrication service is due on the equipment. Pencil entry. Get this information from the DD Form 314.

**Operator.** The operator's last name and rank go here. Pencil entry. Leave blank if more than one operator is assigned to the equipment.

**Supervisor.** Put the last name and rank of the operator's leader or supervisor here.

Pencil entry.

Notes:

1. The operator's and supervisor's or leader's names are used for two purposes. If the folder is lost or misplaced, the finder will have names to track down. Most important, those names show who is responsible for the equipment, the forms in the folder, and the information on the equipment's condition.

2. The back of the card may be used for locally required information. For example, if your command asks for a monthly mileage report, put your start and end dates and miles on the card in pencil. You will get the miles travelled from the DD Form 1970.

| MOTOR EQUIPMENT UTILIZATION RECORD                              |  |                   |        |                             |                        |                                                            |       |
|-----------------------------------------------------------------|--|-------------------|--------|-----------------------------|------------------------|------------------------------------------------------------|-------|
| DATE (YYMMDD)                                                   |  | TYPE OF EQUIPMENT |        | REGISTRATION NO./SERIAL NO. |                        | ADMINISTRATION NO.                                         |       |
| 920623                                                          |  | TRKCGOM35A2       |        | NKO2DB                      |                        | B-15 w/TLR B-T-15                                          |       |
| ORGANIZATION NAME<br>Co B 164 ECB                               |  | ACTION            | TIME   | MILES                       | HOURS                  | FUEL                                                       | OIL   |
| 1ST OPERATOR (Last Name, First, M.I.)<br>FRANK, Joseph B. SPC   |  | IN                | 1705   | 7348                        | 432                    | 18 GAL                                                     | 3 gts |
| OPERATOR'S SIGNATURE<br><i>Joseph B. Frank</i>                  |  | OUT               | 0745   | 7262                        | 428                    | REPORT TO (Last Name, First, M.I.)<br>JONES, James R. SFC  |       |
| 2D OPERATOR (Last Name, First, M.I.)<br>Short, Chris P. PFC     |  | TOTAL             | 9:20   | 86                          | 4                      | DISPATCHER'S SIGNATURE<br><i>Arthur I. Biker</i>           |       |
| OPERATOR'S SIGNATURE<br><i>Chris P. Short</i>                   |  | IN                | 1420   | 7415                        | 435                    | REPORT TO (Last Name, First, M.I.)<br>EMERICK, Glen C. SFC |       |
| 3D OPERATOR (Last Name, First, M.I.) SGT<br>HAWKINS, Raymond T. |  | OUT               | 0800   | 7348                        | 432                    | DISPATCHER'S SIGNATURE<br><i>Arthur I. Biker</i>           |       |
| OPERATOR'S SIGNATURE<br><i>Raymond T. Hawkins</i>               |  | TOTAL             | 6:20   | 67                          | 3                      | REPORT TO (Last Name, First, M.I.)<br>MEAD, Gerry I. SFC   |       |
| 4TH OPERATOR (Last Name, First, M.I.)                           |  | IN                | 1640   | 7450                        | 437                    | DISPATCHER'S SIGNATURE<br><i>Arthur I. Biker</i>           |       |
| OPERATOR'S SIGNATURE                                            |  | OUT               | 1200   | 7415                        | 435                    | REPORT TO (Last Name, First, M.I.)                         |       |
| TOTAL                                                           |  | 4:40              | 35     | 2                           | DISPATCHER'S SIGNATURE |                                                            |       |
| DESTINATION                                                     |  | TIME              |        | RELEASED BY<br>(Signature)  |                        | REMARKS                                                    |       |
|                                                                 |  | ARRIVE            | DEPART |                             |                        |                                                            |       |
| FROM                                                            |  |                   |        |                             |                        |                                                            |       |
| 1. Motor Pool                                                   |  |                   | 0745   |                             |                        |                                                            |       |
| TO                                                              |  |                   |        |                             |                        |                                                            |       |
| 2. Trng Area #21                                                |  | 0830              | 1600   | <i>James R. Jones</i>       |                        | Fuel: 14 gal                                               |       |
| TO                                                              |  |                   |        |                             |                        |                                                            |       |
| 3. Motor Pool                                                   |  | 1645              |        |                             |                        |                                                            |       |
| TO                                                              |  |                   |        |                             |                        |                                                            |       |
| 4. _____                                                        |  |                   |        | 920624                      |                        |                                                            |       |
| TO                                                              |  |                   |        |                             |                        |                                                            |       |
| 5. Motor Pool                                                   |  |                   | 0800   |                             |                        |                                                            |       |
| TO                                                              |  |                   |        |                             |                        |                                                            |       |
| 6. Trng Area #35                                                |  | 0915              | 1215   | <i>Glen C. Emerick</i>      |                        |                                                            |       |
| TO                                                              |  |                   |        |                             |                        |                                                            |       |
| 7. Motor Pool                                                   |  | 1400              |        |                             |                        | Fuel: 13 gal Oil: 1 gT                                     |       |
| TO                                                              |  |                   |        |                             |                        |                                                            |       |
| 8. _____                                                        |  |                   |        | 920625                      |                        |                                                            |       |
| TO                                                              |  |                   |        |                             |                        |                                                            |       |
| 9. Motor Pool                                                   |  |                   | 1200   |                             |                        |                                                            |       |
| TO                                                              |  |                   |        |                             |                        |                                                            |       |
| 10. QUANAH RANGE                                                |  | 1300              | 1500   | <i>Gerry I. Mead</i>        |                        |                                                            |       |
| TO                                                              |  |                   |        |                             |                        |                                                            |       |
| 11. Motor Pool                                                  |  | 1620              |        |                             |                        | Fuel: 6 gal                                                |       |
| TO                                                              |  |                   |        |                             |                        |                                                            |       |
| 12. _____                                                       |  |                   |        |                             |                        |                                                            |       |
| TO                                                              |  |                   |        |                             |                        |                                                            |       |
| 13. _____                                                       |  |                   |        |                             |                        |                                                            |       |
| TO                                                              |  |                   |        |                             |                        |                                                            |       |
| 14. _____                                                       |  |                   |        |                             |                        |                                                            |       |
| TO                                                              |  |                   |        |                             |                        |                                                            |       |
| 15. _____                                                       |  |                   |        |                             |                        |                                                            |       |
| TO                                                              |  |                   |        |                             |                        |                                                            |       |
| 16. _____                                                       |  |                   |        |                             |                        |                                                            |       |

DD FORM 1970  
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EDITION OF FEB 75 MAY BE USED.

Figure 2-2. Sample of a completed DD Form 1970 (Dispatch)

Legend for Figure 2-2:

Completion instructions for DD Form 1970 for Dispatch

**Date.** The dispatcher puts the date the form is started. The date will

be reflected as two places for the year, two for the month, and two for the day (e.g., 930210).

**Type of Equipment.** The dispatcher enters the equipment's noun and model.

**Registration No./Serial No.** The dispatcher puts in the serial number of the equipment. For equipment you manage by registration number, enter the register number.

**Administration No.** The dispatcher enters the equipment bumper number. If the equipment does not have an assigned bumper number, enter the administration number. If the equipment will be dispatched with a trailer or other item, include that item's bumper or administration number.

**Fuel.** If required locally, the dispatcher will keep a running total of fuel added to the equipment. This entry shows how much fuel has been added to date when the form was started. Local SOP will state how long fuel totals will be carried.

**Oil.** For equipment under the AOAP, the dispatcher will keep a running total of oil added to the equipment. This entry shows how much oil has been added for the current period when the form was started. Oil added totals are only kept between oil samples. When a new sample is taken, the total goes back to zero and you start over. For equipment not under AOAP, use this block as required locally.

Note: More than one component on an end item can be under the AOAP; for example, the engine and transmission. When that occurs, divide the OIL block into sections, one for each component covered, and enter the oil added for each separately. Print the first letter of the component at the top left corner of the section to indicate which section applies to which component.

**Organization Name.** The dispatcher enters the organization to which the equipment is assigned.

#### **Operator.**

a. The dispatcher prints the name or names of the operator or operators of the equipment in blocks provided. Put the last name first, followed by the first name, middle initial, and then rank/grade.

b. You may have to change operators after equipment has been dispatched. This normally happens when an operator becomes sick, overly tired, and so forth. The operator's supervisor or leader, OIC or NCOIC, will close out the first operator's entry. He will log the IN time and miles/hours in the ACTION section for that operator. The new operator's name goes in the next OPERATOR block. The supervisor or leader will sign in the next open DISPATCHER'S SIGNATURE block. If the OPERATOR blocks are all filled, put the names, time, and miles/hours in the REMARKS block.

**Operator's Signature.** The operator or operators sign in this block.

**Action.** This section shows the time and miles or hours on the equipment when it is dispatched and returned.

**Time.** Show time on the 24-hour clock to the nearest 5 minutes.

**In.** Show the time the equipment came back from dispatch or other use.

**Out.** Enter the time the equipment was released by the dispatcher.

**Total.** Subtract the OUT time from the IN time to get the total time the operator had the equipment in use. Separate hours and minutes by putting a colon (:) between them. Five hours and 20 minutes will be printed 5:20.

**Miles.** Figure miles to the nearest mile or kilometer.

**In.** The operator enters the miles or kilometers from the odometer when the equipment comes off the dispatch. If the odometer is broken, estimate the miles or kilometers. Put EST in front of the number.

**Out.** The dispatcher will enter the miles or kilometers on the odometer when the equipment is dispatched. If the odometer is broken, put EST in front of the estimated miles or kilometers.

**Total.** Subtract the OUT miles or kilometers from the IN miles. This total shows the number of miles or kilometers the equipment traveled during the dispatch. If the odometer is broken, put EST in front of the figure.

**Hours.** Figure hours to the nearest whole hour.

**In.** The operator enters the hours from the hourmeter when the equipment comes off dispatch or other use. If the hourmeter is broken or missing, estimate the hours of use. Put EST in front of the number.

**Out.** The dispatcher enters the hours on the hourmeter when the equipment is dispatched. If the hourmeter is broken, write EST in front of the number.

**Total.** Subtract the OUT hours from the IN hours. This total shows the number of hours used during the dispatch or operation. If the hourmeter is broken, put EST in front of the number.

**Report To.** The dispatcher prints the name of the person to whom the operator is to report. Give the last name, first name, middle initial, and rank/grade of the person. This person will be responsible for the equipment when in use.

**Dispatcher's Signature.** The dispatcher signs when the equipment is dispatched.

#### **Destination.**

a. You will enter the beginning point of the dispatch, the ending point, any off-post travel stops, or the major operating point.

b. For forms showing dispatches to support maintenance, note miles used by operational or road tests from a DA Form 2407. Print "Road Test" or "Operational Test" in the DESTINATION Block.

**Time.** Use the 24-hour clock rounded off to the nearest 5 minutes.

#### **Arrive.**

a. Log in the time when you arrive at the place.

b. For forms showing dispatches to support maintenance, account for miles/hours used for operation or road tests. Enter the miles/hours on the item upon delivery to support.

#### **Depart.**

a. Log in the time when you left this place.

b. For forms showing dispatches to support maintenance, account for miles/hours used for operation or road tests. Enter the miles/hours on the item upon receipt from support.

#### **Released By.**

a. The person in charge of the equipment on dispatch or senior person present signs on the line showing the place where the mission was completed, releasing the equipment to the motor pool or place of origin. The person signing in the RELEASED BY block may be different from the person shown in the REPORT TO block when the person designated in the REPORT TO block is not available. The person in charge and responsible for the safety and operation of the equipment and operator will sign in that case.

b. Normally the person signing here will be an officer or NCOIC.

c. Passengers of equipment used as taxis do not sign in this column. In that situation, the dispatcher signs this column when the equipment returns.

d. Signature in this block shows that when an official user has completed the mission with the vehicle and driver, the senior occupant assumes vehicle responsibility.

e. Note the change of days. Draw a line through the next open line under the last entry of a day. Put the new date (YYMMDD) in the RELEASED BY (SIGNATURE) block.

#### **Remarks.**

a. The operator or user reports any unusual or abnormal situations. This includes accidents, breakdowns, unplanned stops or changes in location, and so forth. Any unusual operations and faults on the equipment go on the DA Form 2404.

b. The operator will list any oil added to equipment or components under AOAP.

c. Fuel added will be logged if required locally.

d. Enter the word "Exercised" when low usage equipment is exercised.

| MOTOR EQUIPMENT UTILIZATION RECORD                            |  |                   |        |                             |       |                                                             |                        |      |  |
|---------------------------------------------------------------|--|-------------------|--------|-----------------------------|-------|-------------------------------------------------------------|------------------------|------|--|
| DATE (YYMMDD)                                                 |  | TYPE OF EQUIPMENT |        | REGISTRATION NO./SERIAL NO. |       |                                                             | ADMINISTRATION NO.     |      |  |
| 920623                                                        |  | TRKW/RK M984WW    |        | NP04RR                      |       |                                                             | B-19                   |      |  |
| ORGANIZATION NAME<br>Co B 164 ECB                             |  | ACTION            | TIME   | MILES                       | HOURS | FUEL                                                        | OIL                    | Hydr |  |
| 1ST OPERATOR (Last Name, First, M.I.)<br>Conder, Louis A. PFC |  | IN                | 1700   | 14340                       | 393   | 205gal                                                      | 2gal                   | 0    |  |
| OPERATOR'S SIGNATURE<br>Louis A. Conder                       |  | OUT               | 0900   | 14270                       | 389   | REPORT TO (Last Name, First, M.I.)<br>Alcarz, Charles B SFC |                        |      |  |
| 2D OPERATOR (Last Name, First, M.I.)<br>SIMONSON, Chad E. SFC |  | TOTAL             | 8:00   | 70                          | 4     | DISPATCHER'S SIGNATURE<br>Arthur J. Sude                    |                        |      |  |
| OPERATOR'S SIGNATURE<br>Chad E. Simonson                      |  | IN                | 1000   | 14620                       | 405   | REPORT TO (Last Name, First, M.I.)<br>Alcarz, Charles B SFC |                        |      |  |
| 3D OPERATOR (Last Name, First, M.I.)                          |  | OUT               | 1000   | 14340                       | 393   | DISPATCHER'S SIGNATURE<br>Mark J. Flemmer                   |                        |      |  |
| OPERATOR'S SIGNATURE                                          |  | TOTAL             | 48:00  | 280                         | 12    | REPORT TO (Last Name, First, M.I.)                          |                        |      |  |
| 4TH OPERATOR (Last Name, First, M.I.)                         |  | IN                |        |                             |       | DISPATCHER'S SIGNATURE                                      |                        |      |  |
| OPERATOR'S SIGNATURE                                          |  | OUT               |        |                             |       | REPORT TO (Last Name, First, M.I.)                          |                        |      |  |
|                                                               |  | TOTAL             |        |                             |       | DISPATCHER'S SIGNATURE                                      |                        |      |  |
| DESTINATION                                                   |  | TIME              |        | RELEASED BY<br>(Signature)  |       |                                                             | REMARKS                |      |  |
|                                                               |  | ARRIVE            | DEPART |                             |       |                                                             |                        |      |  |
| FROM                                                          |  |                   |        |                             |       |                                                             |                        |      |  |
| 1. Motor Pool                                                 |  |                   | 0910   |                             |       |                                                             |                        |      |  |
| TO                                                            |  |                   |        |                             |       |                                                             |                        |      |  |
| 2. Bldg 3600                                                  |  | 0920              | 0930   |                             |       |                                                             |                        |      |  |
| TO                                                            |  |                   |        |                             |       |                                                             |                        |      |  |
| 3. Clarksville, TN                                            |  | 1300              | 1310   | Charles B. Alcarz           |       |                                                             |                        |      |  |
| TO                                                            |  |                   |        |                             |       |                                                             |                        |      |  |
| 4. Motor Pool                                                 |  | 1700              |        |                             |       |                                                             | Fuel: 20gal            |      |  |
| TO                                                            |  |                   |        |                             |       |                                                             | 920626                 |      |  |
| 5. _____                                                      |  |                   |        | 920624                      |       |                                                             | Extended Dispatch      |      |  |
| TO                                                            |  |                   |        |                             |       |                                                             |                        |      |  |
| 6. Motor Pool                                                 |  |                   | 1000   |                             |       |                                                             |                        |      |  |
| TO                                                            |  |                   |        |                             |       |                                                             |                        |      |  |
| 7. FTX                                                        |  | 1200              |        |                             |       |                                                             | Fuel: 18gal            |      |  |
| TO                                                            |  |                   |        |                             |       |                                                             |                        |      |  |
| 8. _____                                                      |  |                   |        | 920625                      |       |                                                             |                        |      |  |
| TO                                                            |  |                   |        |                             |       |                                                             |                        |      |  |
| 9. FTX                                                        |  |                   |        |                             |       |                                                             | Did Not Operate        |      |  |
| TO                                                            |  |                   |        |                             |       |                                                             |                        |      |  |
| 10. _____                                                     |  |                   |        | 920626                      |       |                                                             |                        |      |  |
| TO                                                            |  |                   |        |                             |       |                                                             |                        |      |  |
| 11. FTX                                                       |  |                   | 0600   | Charles B. Alcarz           |       |                                                             |                        |      |  |
| TO                                                            |  |                   |        |                             |       |                                                             |                        |      |  |
| 12. Motor Pool                                                |  | 0930              |        |                             |       |                                                             | Fuel: 20gal, Oil: 2gal |      |  |
| TO                                                            |  |                   |        |                             |       |                                                             | Engine Hydr            |      |  |
| 13. _____                                                     |  |                   |        |                             |       |                                                             |                        |      |  |
| TO                                                            |  |                   |        |                             |       |                                                             |                        |      |  |
| 14. _____                                                     |  |                   |        |                             |       |                                                             |                        |      |  |
| TO                                                            |  |                   |        |                             |       |                                                             |                        |      |  |
| 15. _____                                                     |  |                   |        |                             |       |                                                             |                        |      |  |
| TO                                                            |  |                   |        |                             |       |                                                             |                        |      |  |
| 16. _____                                                     |  |                   |        |                             |       |                                                             |                        |      |  |

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EDITION OF FEB 75 MAY BE USED.

Figure 2-3. Sample of a completed DD Form 1970 (Extended Dispatch)

Legend for Figure 2-3:

Completion instructions for DD Form 1970(Extended Dispatch) Date.

The dispatcher puts the date the form is started. The date will be

reflected as two places for the year, two for the month, and two for the day (e.g., 921222).

Type of Equipment. The dispatcher enters the equipment's noun and model.

**Registration No./Serial No.** The dispatcher puts in the serial number of the equipment. For equipment you manage by registration number, enter the registration number.

**Administration No.** The dispatcher enters the equipment bumper number. If the equipment does not have an assigned bumper number, enter the equipment's administration number. If the equipment will be dispatched with a trailer or other item, include the item's bumper or administration number.

**Fuel.** If required locally, the dispatcher will keep a running total of fuel added to the equipment. This entry shows how much fuel has been added to date when the form was started. Local SOP will state how long fuel totals will be carried.

**Oil.** For equipment under the AOAP, the dispatcher will keep a running total of oil added to the equipment. This entry shows how much oil has been added for the current period when the form was started. Oil added totals are only kept between oil samples. When a new sample is taken, the total goes back to zero and you start over. For equipment not under AOAP, use this block as required locally.

Note: More than one component on an end item can be under AOAP; for example, the engine and transmission. When that occurs, divide the OIL block into sections, one for each component covered, and enter the oil added for each separately. Print the first letter of the component at the top left corner of the section to indicate which section applies to which component.

**Organization Name.** The dispatcher enters the organization to which the equipment is assigned.

#### **Operator.**

a. The dispatcher prints the name or names of the operator or operators of the equipment. Put the last name first followed by the first name, middle initial, and then rank/grade.

b. You may have to change operators after equipment has been dispatched. This normally happens when an operator becomes sick or overly tired. The operator's supervisor or leader, OIC or NCOIC, will close out the first operator's entry. He or she will log the IN time and miles/hours in the ACTION section for that operator. The new operator's name goes in the next OPERATOR block. The supervisor or leader will sign in the next open DISPATCHER'S SIGNATURE block. If the OPERATOR blocks are all filled, put the names, time, and mile/hours in the REMARKS block.

c. For convoy or other long operations where an operator and assistant operator switch at each rest stop, show a change in operators only when destinations or date entries are made. The assistant operator's name will be shown in REMARKS block.

**Operator's Signature.** The operator or operators sign in this block.

**Action.** This section shows the time and miles or hours on the equipment when it is dispatched and returned.

**Time.** Show time on the 24-hour clock to the nearest 5 minutes.

**In.** Show the time the equipment came back from dispatch or other use.

**Out.** Enter the time when the equipment was released by the dispatcher.

**Total.** Subtract the OUT time from the IN time to get the total time the operator had the equipment in use. Separate hours and minutes by putting a colon (:) between them. Five hours and 20 minutes will be printed 5:20.

**Miles.** Figure miles to the nearest mile or kilometer.

**In.** The operator enters the miles or kilometers from the odometer when the equipment comes off the dispatch. If the odometer is broken, estimate the miles or kilometers. Put EST in front of the number.

**Out.** The dispatcher will enter the miles or kilometers on the odometer when the equipment is dispatched. If the odometer is broken, put EST in front of the estimated miles or kilometers.

**Total.** Subtract the OUT miles or kilometers from the IN miles. This total shows the number of miles or kilometers the equipment traveled

during the dispatch. If the odometer is broken, put EST in front of the figure.

**Hours.** Figure hours to the nearest whole hour.

**In.** The operator enters the hours from the hourmeter when the equipment comes off dispatch or other use. If the hourmeter is broken or missing, estimate the hours of use. Put EST in front of the number.

**Out.** The dispatcher enters the hours from the hourmeter when the equipment is dispatched. If the hourmeter is broken, write EST in front of the number.

**Total.** Subtract the OUT hours from the IN hours. This total shows the number of hours used during the dispatch or operation. If the hourmeter is broken, put EST in front of the number.

**Report To.** The dispatcher prints the name of the person to whom the operator is to report. Give the last name, first name, middle initial, and rank/grade of the person. This person will be responsible for the equipment when in use.

**Dispatcher's Signature.** The dispatcher signs when the equipment is dispatched.

**Destination.** You must enter the beginning point of the dispatch, the ending point, any off-post travel stops, or the major operating point.

**Time.** Use the 24-hour clock rounded off to the nearest 5 minutes.

**Arrive.** Log in the time when you arrive at the place.

**Depart.** Log in the time when you left this place.

#### **Released by.**

a. The person in charge of the equipment on dispatch or senior person present signs on the line showing the place where the mission was completed, releasing the equipment to the motor pool or place of origin. Enter first name, middle initial, last name. The person signing in the RELEASED BY block may be different from the person shown in the REPORT TO block when the person designated in the REPORT TO block is not available. The person in charge and responsible for the safety and operation of the equipment and operator will sign in that case.

b. Normally the person signing here will be an officer or NCOIC.

c. Signature in this block shows that when an official user has completed the mission with the vehicle and driver, the senior occupant assumes vehicle responsibility.

#### **Remarks.**

a. The operator or user reports any unusual or abnormal situations. This includes accidents, breakdowns, unplanned stops, or changes in location, etc. Any unusual operations and faults on the equipment go on the DA Form 2404.

b. The Operator will list any oil added to equipment or components under AOAP.

c. Fuel added will be logged if required locally.

d. Note the change of days. Draw a line through the next open line under the last entry of a day. Put the new date (YYMMDD) in the RELEASED BY (SIGNATURE) block. When the equipment is not operated for more than 1 day in a row, you may use one line to cover the combined time. Print "Did Not Operate" in the REMARKS block.

e. Additional "Report to" entries may be needed. Print the name of the next "Report to" in the REMARKS Block for that entry. Also, for extended dispatch, the dispatcher enters "EXTENDED DISPATCH" and the expected date of return on the first line of the REMARKS block.

f. Note if an extended dispatch will be so long that a form may be completed, another DD Form 1970 may be used as a continuation sheet. Enter the equipment's registration or serial number and admin number at the top of the form. Print "Continuation" in the upper left hand corner of the form. Then make normal entries as required.

| MOTOR EQUIPMENT UTILIZATION RECORD                          |  |                   |        |                             |       |                                                           |                    |  |  |
|-------------------------------------------------------------|--|-------------------|--------|-----------------------------|-------|-----------------------------------------------------------|--------------------|--|--|
| DATE (YYMMDD)                                               |  | TYPE OF EQUIPMENT |        | REGISTRATION NO./SERIAL NO. |       |                                                           | ADMINISTRATION NO. |  |  |
| 920623                                                      |  | GenST MEP-015A    |        | 1742347                     |       |                                                           | B-7                |  |  |
| ORGANIZATION NAME<br>Co B 164 ECB                           |  | ACTION            | TIME   | MILES                       | HOURS | FUEL<br>2gal                                              | OIL<br>1qt         |  |  |
| 1ST OPERATOR (Last Name, First, M.I.)<br>NELSON, DAN L. SPC |  | IN                |        |                             |       | REPORT TO (Last Name, First, M.I.)<br>BANKIN, GARY W. SGT |                    |  |  |
| OPERATOR'S SIGNATURE<br><i>Dan L. Nelson</i>                |  | OUT               |        |                             |       | DISPATCHER'S SIGNATURE<br><i>Arthur J. Bickel</i>         |                    |  |  |
| 2D OPERATOR (Last Name, First, M.I.)<br>NELSON, DAN L. SPC  |  | TOTAL             |        |                             |       | REPORT TO (Last Name, First, M.I.)<br>ZIMMER, TIM T. CW4  |                    |  |  |
| OPERATOR'S SIGNATURE<br><i>Dan L. Nelson</i>                |  | IN                |        |                             |       | DISPATCHER'S SIGNATURE<br><i>Arthur J. Bickel</i>         |                    |  |  |
| 3D OPERATOR (Last Name, First, M.I.)                        |  | OUT               |        |                             |       | REPORT TO (Last Name, First, M.I.)                        |                    |  |  |
| OPERATOR'S SIGNATURE                                        |  | TOTAL             |        |                             |       | DISPATCHER'S SIGNATURE                                    |                    |  |  |
| 4TH OPERATOR (Last Name, First, M.I.)                       |  | IN                |        |                             |       | REPORT TO (Last Name, First, M.I.)                        |                    |  |  |
| OPERATOR'S SIGNATURE                                        |  | OUT               |        |                             |       | DISPATCHER'S SIGNATURE                                    |                    |  |  |
|                                                             |  | TOTAL             |        |                             |       |                                                           |                    |  |  |
| DESTINATION                                                 |  | TIME              |        | RELEASED BY<br>(Signature)  |       | REMARKS                                                   |                    |  |  |
| FROM                                                        |  | ARRIVE            | DEPART |                             |       |                                                           |                    |  |  |
| 1.                                                          |  |                   |        |                             |       | 198 hrs                                                   |                    |  |  |
| TO                                                          |  |                   |        |                             |       | 920626                                                    |                    |  |  |
| 2.                                                          |  |                   |        |                             |       | Extended Dispatch                                         |                    |  |  |
| TO                                                          |  |                   |        |                             |       | 2 hrs                                                     |                    |  |  |
| 3. 920623                                                   |  | 0900              | 1100   |                             |       | 4 hrs Fuel: 3gal                                          |                    |  |  |
| TO                                                          |  |                   |        |                             |       | 4 hrs                                                     |                    |  |  |
| 4. 920624                                                   |  | 0700              | 1100   |                             |       | 4 hrs Fuel: 4gal                                          |                    |  |  |
| TO                                                          |  |                   |        |                             |       | 6 hrs Fuel: 3gal                                          |                    |  |  |
| 5. 920625                                                   |  | 0700              | 1100   |                             |       |                                                           |                    |  |  |
| TO                                                          |  |                   |        |                             |       |                                                           |                    |  |  |
| 6. 920626                                                   |  | 0700              | 1100   | <i>Gary W. Bankin</i>       |       |                                                           |                    |  |  |
| TO                                                          |  |                   |        |                             |       |                                                           |                    |  |  |
| 7. 920627                                                   |  | 0700              | 1300   | <i>Tim T. Zimmer</i>        |       |                                                           |                    |  |  |
| TO                                                          |  |                   |        |                             |       |                                                           |                    |  |  |
| 8.                                                          |  |                   |        |                             |       |                                                           |                    |  |  |
| TO                                                          |  |                   |        |                             |       |                                                           |                    |  |  |
| 9.                                                          |  |                   |        |                             |       |                                                           |                    |  |  |
| TO                                                          |  |                   |        |                             |       |                                                           |                    |  |  |
| 10.                                                         |  |                   |        |                             |       |                                                           |                    |  |  |
| TO                                                          |  |                   |        |                             |       |                                                           |                    |  |  |
| 11.                                                         |  |                   |        |                             |       |                                                           |                    |  |  |
| TO                                                          |  |                   |        |                             |       |                                                           |                    |  |  |
| 12.                                                         |  |                   |        |                             |       |                                                           |                    |  |  |
| TO                                                          |  |                   |        |                             |       |                                                           |                    |  |  |
| 13.                                                         |  |                   |        |                             |       |                                                           |                    |  |  |
| TO                                                          |  |                   |        |                             |       |                                                           |                    |  |  |
| 14.                                                         |  |                   |        |                             |       |                                                           |                    |  |  |
| TO                                                          |  |                   |        |                             |       |                                                           |                    |  |  |
| 15.                                                         |  |                   |        |                             |       |                                                           |                    |  |  |
| TO                                                          |  |                   |        |                             |       |                                                           |                    |  |  |
| 16.                                                         |  |                   |        |                             |       |                                                           |                    |  |  |

**Registration No./Serial No.** The dispatcher puts in the serial number of the equipment. For equipment you manage by registration number, enter the registration number.

**Administration No.** The dispatcher enters the equipment's bumper number. If the equipment does not have an assigned bumper number, enter the equipment's administration number. If the equipment will be dispatched with a trailer, or other item, include that item's bumper or administration number.

**Fuel.** If required locally, the dispatcher will keep a running total of fuel added to the equipment. This entry shows how much fuel has been added to date when the form was started. Local SOP will state how long fuel totals will be carried.

**Oil.** For equipment under the ACAP, the dispatcher will keep a running total of oil added to the equipment. This entry shows how much oil has been added for the current period when the form was started. Oil added totals are only kept between oil samples. When a new sample is taken, the total goes back to zero and you start over. For equipment not under AOAP, use this block as required locally.

**Organization Name.** The dispatcher enters the organization to which the equipment is assigned.

**Operator.**

a. The dispatcher prints the name or names of the operator or operators of the equipment. Put the last name first, followed by the first name, middle initial, and then rank/grade.

b. You may have to change operators after equipment has been dispatched. This normally happens when an operator becomes sick, overly tired, etc. The operator's supervisor/leader, OIC, or INCOIC, will close out the first operator's entry. He or she will log IN time and miles/hours in the ACTION section for that operator. The new operator's name goes in the next OPERATOR block. The supervisor/ leader will sign in the next open DISPATCHER'S SIGNATURE block. If the OPERATOR blocks are all filled, put the names in the REMARKS block.

**Operator's Signature.** The operator or operators sign in this block.

**Action.** Leave blank.

**Time.** Leave blank.

**In.** Leave blank.

**Out.** Leave blank.

**Total.** Leave blank.

**Miles.** Leave blank.

**In.** Leave blank.

**Out.** Leave blank.

**Total.** Leave blank.

**Hours.** Leave blank.

**In.** Leave blank.

**Out.** Leave blank.

**Total.** Leave blank.

**Report To.** The dispatcher prints the name of the person to whom the operator is to report. Give the last name, first name, middle initial, and rank/grade of the person. This person will be responsible for the equipment when in use.

**Dispatcher's Signature.** The dispatcher signs when the equipment is dispatched.

**Destination.** Enter the date (YYMMDD).

**Time.** These blocks will be used to show starting and stopping times for each operation.

**Arrive.** For equipment without an hourmeter, enter the 24-hour clock time (e.g., 1300) when you started the equipment's operation. For equipment with an hourmeter, enter the hours on the equipment when you started this operation.

**Depart.** For equipment without an hourmeter, enter the 24-hour clock time (e.g., 1300) when you stopped the equipment's operation. For equipment with an hourmeter, enter the hours on the equipment when you stopped this operation.

**Released By.**

a. The person in charge of the equipment signs in this column.

b. The person signing here will be an officer or NCOIC.

c. Signature in this block shows that when an official user has completed the mission with the vehicle and driver, the senior occupant assumes vehicle responsibility.

**Remarks.**

a. When starting a new form for equipment without an hourmeter, enter the accumulative hours on the equipment in LINE 1, REMARKS block.

b. Equipment without an hourmeter, subtract the start time in the ARRIVE block from the stop time in the DEPART block. Enter the number of hours in the REMARKS block.

c. The operator or user reports any unusual or abnormal situations. This includes accidents, breakdowns, unplanned stops, or changes in location, and so forth. Any unusual operations and faults on the equipment go on the DA Form 2404.

d. The operator will list any oil added to equipment or components under AOAP.

e. Fuel added will be logged if required locally.

f. When the form has been completed, add the REMARKS block hours and the accumulative hours, and post on a new DD Form 1970 in the REMARKS block.



| Title of Staff for Logistics. |                     |                           |      |      | DATE<br>23 Jun 92                     | PAGE NO. | NO. OF PAGES |
|-------------------------------|---------------------|---------------------------|------|------|---------------------------------------|----------|--------------|
|                               |                     |                           |      |      | DISPATCHER<br><i>Arthur J. Richer</i> |          |              |
| TYPE OF EQUIPMENT             | REGISTRATION NUMBER | OPERATOR'S NAME AND GRADE | TIME |      | REMARKS                               |          |              |
|                               |                     |                           | OUT  | IN   |                                       |          |              |
| M3502                         | NK02DB              | Frank, Joseph R. SPC      | 0745 | 1705 | W/TLR B-T-15                          |          |              |
| M998                          | NG01A2              | Neis, Fred M. PFC         | 0750 | 1130 |                                       |          |              |
| HEP<br>015A                   | 1742347             | Nelson, Dan L. SPC        | 0800 | 1700 | Extended Dispatch 26 Jun 92           |          |              |
| M984<br>WW                    | NP04AA              | Condor, Lewis A. PFC      | 0900 | 1700 |                                       |          |              |
| M1038                         | NG00B1              | Herda, Al J. PFC          | 0915 | 1600 | Asst Op. Dahlen, Dan P. PFC           |          |              |
| M3502                         | NK02DB              | Short, Chris P. PFC       | 0800 | 1420 | W/TLR B-T-15                          |          |              |
| M998                          | NG01A3              | Maench, Dale B. SPC       | 0845 | 1200 |                                       |          |              |
| M998                          | NG01A4              | Quick, Don R. PFC         | 0900 | 1610 | W/TLR B-T-15                          |          |              |
| M984<br>WW                    | NP04AA              | SIMONSON, Chad E. SPC     | 1000 | 1000 | Extended Dispatch 26 Jun 92           |          |              |
| M3502                         | NK02CZ              | Herda, Al J. PFC          | 0745 | 1600 | Extended Dispatch 26 Jun 92           |          |              |
| M1001                         | PC03BC              | " " "                     | 0745 |      | Trailer Transferred                   |          |              |
| M3502                         | NK02DB              | Hawkins, Ray T. SGT       | 1200 | 1640 | W/TLR B-T-15                          |          |              |
| HEP<br>015A                   | 1742347             | Nelson, Dan L. SPC        | 0600 | 1300 |                                       |          |              |

- a. For vehicles, put the place, farthest away, that the vehicle is expected to travel.
- b. For other equipment, put the location where the equipment will be operating that is farthest from its normal site. If column f is the same as column b, leave this column blank.
- (g) Unit Identification Number.** The equipment bumper or admin number.
- (h) Type of Equipment.** Enter the equipment's model identification number (for example, enter M35A2).
- (i) Registration Number.** Enter the equipment serial number. For equipment you manage by registration number, put the registration number in this column.
- (j) Operator's Name and Grade.** Enter the last name, first name, MI, and rank/grade of the equipment operator.
- (k) Time Out.** Log in the time the equipment was dispatched.
- (l) Time In.**
  - a. Log in the time the equipment returned. Get this time from the "IN" Block on the DD Form 1970.
  - b. For equipment coming off an extended dispatch, put the day, month, and time of return in this column.
- (m) Remarks.**
  - a. When an assistant or second operator is needed, enter that person's last name, first name, MI, and rank/grade.
  - b. When a change of dispatcher takes place during the day, the new dispatcher signs in column m for that item dispatched. When a change of dispatcher takes place at the beginning of the day, the new dispatcher signs in column m on the date line.
  - c. Note any towed equipment, that will come back with the prime mover, in this column. Write the noun for the towed equipment here. (Make separate entries for towed equipment that will not come back with the prime mover.) Treat towed equipment that will not come back with the prime mover as if it were not towed. Complete all columns except the expected time of return.
  - d. For equipment on extended dispatch, enter the words "EXTENDED DISPATCH" and the expected date of return.
  - e. Identify equipment involved in accidents or unusual circumstances.
  - f. When more room is needed, use NEXT open line. Line out all unneeded columns, (a-1).

## Chapter 3 Maintenance Forms

### 3-1. General

- a. The forms in this chapter help in scheduling, doing, recording, and managing maintenance on equipment.
- b. The forms show the results of inspections, tests, and maintenance performed. They also show the results in diagnostic checks and form the bond between maintenance and supply actions.
- c. This chapter provides procedures and examples of maintenance forms used by manual units as well as those units supported by the Standard Army Maintenance Systems (SAMS). Unique SAMS forms are addressed in chapter 13.
- d. In addition to the forms within this chapter, maintenance forms for non-standard air traffic control (ATC) and navigational aid (NAVAID) equipment, when specified in the equipment's technical publications, will also be maintained. Maintain each designated form using guidance found within appropriate technical publication. Examples of non-standard equipment are, but not limited to—
  - (1) Instrument Landing System (ILS) and all associated marker beacons.
  - (2) Distance Measuring Equipment (DME) System.
  - (3) Airport Surveillance Radar (ASR) System.
  - (4) Automated Radar Terminal System (ARTS).
  - (5) Air Traffic Control Beacon Interrogator (ATCBI) System.
  - (6) Flight Data Input/Output (FDIO) System.
  - (7) Digital Brite Radar Indicator Tower Equipment (D-BRITE) System.

- (8) Radar Video Mapper.
- (9) Programmable Indicator Data Processor (PIDP).
- e. The flow of maintenance forms is shown on DA Poster 750-77 (TAMMS/Supply Crossroads). DA Poster 750-77 is automatically distributed to units who mark the DA poster block on DA Form 12-4-E (Subscription Numbers, Part 1 for Miscellaneous Administrative Publications and Posters).

### 3-2. DA Form 2402 (Exchange Tag)

- a. *Purpose.* DA Form 2402 serves as an identification tag. (See fig 3-1.)
- b. *Use.*
  - (1) To identify items held for warranty claims.
  - (2) To identify other items as needed.
  - (3) As a receipt for test, measurement, and diagnostic equipment (TMDE) items needing calibration.
- c. *General instructions.*
  - (1) The DA Form 2402 has four copies and is handled as follows:
    - (a) Copy one is normally used as a receipt for the unit.
    - (b) Copy two is a receipt for the battalion level except for warranty claim items. When DA Form 2402 is used to identify or show action completed on a warranty item or claim exhibit, send copy two to the Supporting Warranty Control Office (WARCO). The WARCO will use DA Form 2402 to close out or complete any needed warranty actions or claims.
    - (c) Copy three serves as a receipt for support units.
    - (d) Copy four stays with the item until it is repaired and issued. After repair is done, the tag identifies the item as fixed. This form will go with each item sent to supporting maintenance shops (direct support (DS), general support (GS), depot, or contractor for warranty repairs).
    - (e) Depending on the item, repair needed, and level of work, not all copies may be needed.
  - (2) Use a separate DA Form 2402 for each item.
- d. *Disposition.*
  - (1) Destroy the DA Form 2402 when the part or component it applies to is installed or disposed of.
  - (2) After the action is completed, destroy copies used as a receipt.
  - (3) When the DA Form 2402 identifies a warranty claim or SF Form 368 (Product Quality Deficiency Report) exhibit, the DA Form 2402 stays on the exhibit until the item is no longer needed.

### 3-3. DD Form 314 (Preventive Maintenance Schedule and Record)

- a. The DD Form 314 is a record of scheduled and performed unit maintenance including lubrication services. It also keeps up with not mission capable (NMCM/NMCS) time, except for missile system/missile subsystem and FAA flight check data of ATC navigational aids. See figures 3-2 through 3-6.
- b. DD Form 314 is used to—
  - (1) Schedule periodic services on equipment, to include components in a system or subsystem, when the technical manual requires a PMCS service to be performed by unit maintenance personnel. This form is also used to schedule the following services performed under the supervision of unit maintenance personnel:
    - (a) Schedule all non-operator services one service in advance.
    - (b) The next scheduled due date may fall in the following year. In that case, put the date, miles, and hours due in the Remarks block until a new DD Form 314 is started.
    - (c) You may mark out weekends and holidays. When these are marked out, schedule services on the next working day.
    - (d) Use the following symbols to show the type of service scheduled:
      - 1. "T" any test.
      - 2. "I" any inspection.
      - 3. "L" lubrication.
      - 4. "R" recoil exercise.
      - 5. "W" weekly service.
      - 6. "M" monthly (1 month) service.

7. "Q" quarterly (3 months) service.
8. "S" semiannual (6 months) service.
9. "A" annual (1 year) (12 months) service.
10. "E" 18 months service.
11. "B" biennial (2 years) service.
12. "F" quadrennial (4 years) service.
13. "H" tire rotation/inspection.
14. "Z" oil sampling.

(e) The symbol "L" will be used for all periodic lubes required by a lubrication order (LO). The interval block on an LO only tells when to schedule the lubes. It does not tell what services to schedule or symbol to use.

(f) You will get the miles, kilometers, or hours between services from the TM and/or LO.

(g) Other symbols or subsymbols may be used as long as they do not conflict with the symbols required by this pamphlet. Explain those symbols or subsymbols in the Remarks block of the DD Form 314 or in your SOP. For example, you might use S1, SB2, or Lm, L5, L6, L12, or others to show difficult services or manage the services pulled. You may also use subsymbols to explain a service and lube pulled at the same time.

(h) Schedule services in pencil. To schedule a service, put its symbol in pencil in the date due block with its miles, kilometers, or hours beside it as shown below. (Not all services will have miles or hour intervals.)

1. You may not always be able to pull a service when it is scheduled. So you are given a 10 percent variance before or after the schedule of days, miles, or hours. If you stay within the variance, the service is treated as if you did it on the day/miles/hours you scheduled it.

2. Some services may be too critical to have a variance. The equipment maintenance manual will tell you if no variance is allowed.

3. When you do the service within the variance, ink in the symbol with the equipment's miles, kilometers, or hours on the date it was scheduled. When a service outside the variance is completed, erase the scheduled symbol and data, and ink in the symbol with data on the actual day the service was completed. Schedule the next service from the new date.

(i) Lubrications vary the most when the LO requires a lube—

1. By hours, miles, or kilometers only. Put the miles, kilometers, or hours when the next lube is due in the Remarks block. Ink in the symbol "L" and the hours, miles, or kilometers on the equipment in the block for the day you did the lube.

2. On a date interval. Put the symbol "L" on the date block the lube is due. Enter the miles, kilometers, or hours (when they apply) next to the symbol. When the lube is done, ink in the "L" and the miles or hours.

(2) Show completed periodic services and lubes, by inking in the symbol or symbols and miles or hours. DD Forms 314 are tied to unit level services and their intervals. The number of DD Forms 314 you need varies, based on the equipment and how and where your maintenance is pulled. Normally, one DD Form 314 covers one piece of equipment. Several like items may be covered by one DD Form 314 if the services are scheduled and pulled on the same date. Examples of "like items" are small arms and M11 decons. When scheduling services on more than one item, put each item's serial number in the Remarks block. Like equipment or subsystems, reportable under AR 700-138, cannot be combined on one DD Form 314.

(3) Show NMC days on equipment reported under AR 700-138.

(a) NMC time is kept on equipment that is reported under AR 700-138, tables B-1 and B-2, as a single item or as a subsystem.

(b) Equipment reportable under AR 700-138, tables B-1 and B-2, need a record of not mission capable (NMCM/NMCS) time. Keep NMC days on that equipment on the reverse of the DD Form 314 or on a separate DD Form 314 as follows:

1. NMC time is kept only when the equipment has a deficiency defined as not mission capable in the PMCS "not mission capable if" column.

2. Deficiencies that are not covered by the PMCS "not mission capable if" column or equivalent will carry a status symbol X or CIRCLED X, but NMC time will not be counted for those deficiencies. Those deficiencies will be carried on the DA Form 2404.

(c) Show unit NMCM days with the symbol "O". Put an "S" inside the "O" for unit NMCS. Post unit NMCM/NMCS days as they occur. Use the letter "X" for each day the equipment is NMCM at support. Put the letter "S" over an "X" on the days it was NMCS at support. If support does not give you a day-by-day breakout, put the total number of support NMCM/NMCS days in the Remarks block. Use the front side of the DD Form 314 to schedule services. Use the reverse side or another DD Form 314 to show NMCM/NMCS time.

(d) Support maintenance will tell you which or how many days were NMCM/NMCS on the DA Form 2407 or a printout. Post this time to the DD Form 314. NMC time on equipment still in support maintenance at the end of a report period will be provided to the owning unit by telephone or other local means.

(e) For NMC time, equipment that is NMC at the end of the day is counted NMC for the whole day. Equipment that is FMC at the end of the day is counted as FMC for the whole day. A day is the normal work day for your command. See AR 700-138, chapter 4, for missiles.

(f) When equipment is loaned to another unit or activity, a copy of the DD Form 314 will go with the equipment. The borrowing unit will tell the owning unit about any NMCM/NMCS time on the equipment. This information will be given to the owning unit at the end of the reporting period and when the equipment is returned.

(g) Show system NMC time. Post NMC time on a separate DD Form 314 for each subsystem specifically identified in AR 700-138, tables B-1 and B-2. You will keep another separate DD Form 314 on the overall system, which is the system card. The system DD Form 314 shows the NMCM/NMCS time on the combined system.

(4) Schedule oil samples. Scheduling oil samples on the DD Form 314 is optional when the lab gives you a printout that lists when the next sample is due. Schedule oil samples in pencil on the DD Form 314. When the sample is taken, erase the symbol and hours from the DD Form 314 and schedule the next sample in pencil.

(5) Manage maintenance, services, or inspections locally as directed by the unit commander. This can include services performed by other echelons or units when the commander so directs. If a commander wants operator or crew services scheduled, put them in the Remarks block.

(6) Warranty information.

(7) Floating equipment.

(8) Document ATC required data as follows:

(a) Show PMCS technical reference. Within remarks section, exact PMCS technical reference will be shown, down to specific paragraph.

(b) Show PMCS time. Within remarks section, normal time required for each PMCS interval will be shown.

(c) Show flight check data. Within remarks section, show date of last flight check of navigational aid.

c. DD Form 314 is NOT USED for—

(1) Periodic services designated for the operator or crew.

(2) Showing oil samples taken.

(3) Training aids and devices (equipment used ONLY for training). Small arms/weapons must be classified as unusable per AR 190-11 before they can be considered training aids.

(4) Equipment provided with an ADP printout or automated forms that list DD Form 314 data.

(5) Record unit services on test, measurement, and diagnostic equipment (TMDE) when the services are performed by operators without supervision by unit maintenance personnel.

(6) Record NMC time for missile system/missile subsystem per AR 700-138, Chapter 4.

d. Use a signal system to show when a service is scheduled in the current month. A month can be from the first day to the last day of the month (e.g., 1 May through 31 May), or from a day in 1 month to the same day in the next month (e.g., 13 September to 13

October). At the start of each month, put your signals on the date blocks for the service. When the service is pulled, take the signal off the card or move it from the date block to one corner. Use the following signals:

- (1) Green signal. A green signal indicates a lube (L) is needed.
- (2) Yellow signal. A yellow signal indicates a T, I, R, W, M, Q, S, A, B, H, E, F, Z, or other service is due.
- (3) Red signal. Put a red signal over the right corner of the card when equipment is NMC. For equipment reported as a system in AR 700-138, table B-2, use the red signal only on the system card. Take the signal off the card when the equipment is fixed.

*e.* Low usage is as follows:

(1) *Definition.* Services for equipment that accumulates or is anticipated to accumulate less than a specific mileage/kilometers or hours in the previous or current year may have unit (-20) and direct support services (-34) extended. (See (3) below.)

(2) *Use.*

(a) To place equipment into the low usage servicing system, all service and lubrication tasks in the equipment's -20 and -34 TMs/LOs (W,M,Q,S,A,E,B) must be performed. After equipment is placed in the program, all services and lubrications will be combined with the annual service. The date, miles/kilometers, and hours when the equipment was placed into the low usage servicing system will be entered in the Remarks block of DD Form 314.

(b) Equipment that exceeds the specified criteria at any time during the year will immediately return to scheduled servicing at normal TM/LO intervals, to be scheduled from information that was entered in the Remarks block of DD Form 314.

(c) Servicing, evaluation, and exercising of recoil mechanisms and tubes will be done per applicable TBs and TMs.

(d) Communications and other subsystems mounted on "low usage" equipment will be serviced when the primary system is serviced.

(e) Low usage servicing will not be used for equipment under warranty and armament, equilibrating, fire control, equipment used within ATC, and sighting components of combat vehicles and missile systems.

(f) Operator/crew level (-10) maintenance intervals in TMs/LOs will not be changed to low usage.

(g) AOAP will not be extended; see chapter 4.

(3) *Criteria.*

(a) Tactical vehicles, trailers assigned to prime movers, and trailers without prime movers accumulated or anticipated to accumulate less than 3000 miles/4800 kilometers in the current year.

(b) Combat vehicles (except armament, equilibrating systems, fire control, and sighting components), missile systems (except fire control and sighting components), material handling equipment, and construction equipment anticipated to accumulate less than 750 miles/1200 kilometers or 75 hours in the current year.

(c) Generators, pumps, air compressors, support equipment (RO-WPU, bath units, etc.), watercraft, rail equipment, power driven NBC equipment, engine driven heaters, and air conditioners anticipated to accumulate less than 75 hours in the current year.

(d) Communication equipment in communication shelters anticipated to accumulate less than 75 hours of operation in the current year.

(e) Non-power driven NBC equipment anticipated to accumulate less than 75 hours of operation in the current year.

(f) Tentage/canvas items, immersion heaters, field ranges and space heaters/stoves, that are not used, will be erected or put up annually.

(g) Small arms and crew served weapons (machine guns, mortars, etc.) that are maintained in a humidity controlled room and not removed (for any reason) at any time during the year will be serviced annually.

(4) *Inspection /exercise.* All equipment, except that stated in (3)(f) above, will be inspected/exercised by operators semiannually. Inspection/exercise will include the following:

(a) Perform all Before (B) through Monthly (M) PMCS checks per the equipment operator's TM.

(b) Tactical (including trailers) and combat vehicles will be driven at least 5 miles to insure their performance is within parameters listed in the operator's TM. Vehicles equipped with radios will have Before (B) through Monthly (M) PMCS performed per the communication equipment operator's TM.

(c) Construction, engineer, and material handling equipment, wreckers, and combat vehicles will be operated sufficiently to ensure hydraulic systems reach operating temperature and equipment is mission capable.

(d) Generators, air compressors, support equipment, pumps, and power driven NBC equipment will be operated for 30 minutes under load or 1 hour no load.

(e) Small arms and crew served weapons will be inspected, without leaving humidity controlled room, for rust and corrosion. High humidity area inspections may be required more often.

(f) Visual inspections, to ensure lubricant is present on all lubrication points, will be performed by the operator/ crew.

(g) Visual inspections will be used to identify, report, or remove any new corrosion that may have formed.

(5) Low usage criteria provides guidance, and does not relieve commanders of their responsibility for adequate maintenance of their equipment.

*f.* Disposition of the DD Form 314 is as follows:

(1) The DD Form 314 is used for 1 year for equipment reported under AR 700-138. It can be used for 2 years on non-reportable equipment.

(2) Destroy a completed form after transferring needed information to a new form. Transfer the information from these blocks:

(a) Registration number.

(b) Administrative number.

(c) Nomenclature.

(d) Model.

(e) Assigned to.

(f) Remarks: NMCM/NMCS data for the current report; hour meter or odometer change information; symbols; and any other needed maintenance data.

(g) Schedule, in pencil, any services needed.

(3) The current DD Form 314 will go with the equipment when it is transferred. But, the losing unit will keep a record of NMCM/NMCS time for the current report period up to the day the equipment was dropped from the property book. The gaining unit reports the equipment's NMC time after the item is added to their property book.

(4) Destroy the DD Form 314 when the equipment is sent to salvage. However, the losing unit will keep a record of NMCM/NMCS time for the current report period.

(5) System DD Form 314 transfers any NMCM/NMCS data for the current reporting period to a new form. Then, destroy the old DD Form 314.

### 3-4. DA Form 2404 (Equipment Inspection and Maintenance Worksheet)

*a. Purpose.* DA Form 2404 has three major purposes. (See figs 3-7 through 3-13.) Operators and crews, first-line leaders, maintenance supervisors, and commanders are equally responsible for keeping information current and correct on the DA Form 2404. This form is the central record for managing and controlling maintenance as follows:

(1) It is a record of faults found during an inspection. These faults include PMCS, maintenance activity inspections, diagnostic checks, and spot checks, except as noted in paragraph b(10) below:

(2) It shows faults and repairs required for estimated cost of damaged reports.

(3) It shows Battlefield Damage and Assessment and Repair (BDAR) performed.

*b. Use.* The DA Form 2404 will be used by personnel performing inspections, maintenance services, diagnostic checks, technical evaluations, marine condition surveys on watercraft, and PMCSs, except as noted in (10) below:

(1) To inspect all components or subsystems that make up one

equipment system. You may use one DA Form 2404 or separate forms for each subsystem.

(2) To inspect several like items of equipment; e.g., one DA Form 2404 to inspect 25 M16A1 rifles.

(3) As a temporary record of required and completed maintenance.

(4) To list faults that operators or crews cannot fix and list parts replaced.

(5) By unit maintenance during periodic services to list all faults found and action taken to fix faults. When used to inspect several like items, the DA Form 2404 will list all deficiencies, shortcomings, and corrective action taken.

(6) On initial inspection by support maintenance to list all faults found. Attach the initial inspection to the DA Form 2407 that will be given to the person making the repairs. The DA Form 2404 will be used as the worksheet for correcting faults found and reporting any uncorrected unit level faults. Results of the maintenance action will be entered on the DA Form 2407.

(7) On final inspection by support maintenance to list faults found. Attach the final inspection to DA Form 2407 that will be given to the person that performed the repairs. The repairer will correct all faults found during the final inspection.

(8) To collect all maintenance and services performed on equipment that is involved in a DA approved SDC plan. In addition to the requirements in this pamphlet, the applicable FPG may identify additional data required as mandatory entries on the DA Form 2404.

(9) To report battlefield damage repair and/or replacement actions by all personnel. AR 750-1 and the individual equipment battle damage technical manuals govern when and how battlefield damage repairs should be accomplished.

(10) Within ATC maintenance, FAA Form 6030-1 will be used for recording PMCS results in lieu of DA Form 2404.

#### *c. General instructions.*

(1) The way you fill out some blocks and columns on the DA Form 2404 varies with the form use. Make sure you read the instructions that apply to your use of the form.

(2) When you need more than one DA Form 2404 for an inspection or service, print the page number in the right side of the form's title block. (Put 1 of 2 on the first page and 2 of 2 on the second, etc.)

(3) Parts on order or actions pending under anticipated not mission capable (ANMC) conditions may go on the DA Form 2408-14 with a diagonal status symbol.

(4) Administrative motor pools, using ADP cards or other automated forms, do not need the DA Form 2404.

#### *d. Disposition.*

(1) The DA Form 2404 will be kept in the equipment record folder or in a protected cover until it is completed if no faults have been found. If faults are found during an operator's or crew's PMCS, it will be given to the maintenance supervisor for action.

(a) Maintenance section leaders will review the DA Form 2404 prior to destruction to ensure all corrective actions have been completed.

(b) Transfer faults that must be fixed at support maintenance to the DA Form 2407 and attach DA Form 2404.

(c) Faults that cannot be fixed until a part comes in or that must be deferred go on the DA Form 2408-14.

(d) Status symbol X faults cannot go on the DA Form 2408-14. When there is a NMC deficiency on the DA Form 2404, keep until the deficiency has been repaired. This includes the DA Form 2404 on equipment sent to support maintenance. The form or a locally used signal will be kept in the equipment record folder to keep the equipment from being dispatched.

(2) The DA Form 2404 used for scheduled services will be kept on file for quality control until the next service is performed. All uncorrected faults will be moved to DA Form 2408-14 or DA Form 2407 and the service will be recorded on the DD Form 314. Forms carrying a status symbol X will be kept until the fault is corrected.

(3) Keep the DA Form 2404 that shows a periodic service on equipment that does not have historical records or a DD Form

314. Destroy the form only when the next periodic service is done. Any open faults at that time will go on the new DA Form 2404 unless a separate DA Form 2408-14 is used. This situation normally applies to the form used for services on more than one item or when an operator level service is required and must be documented. If the form lists no faults from previous service, use the same form to show the results of the current service.

(4) DA Form 2404 used for technical inspections will stay with the item until all maintenance is performed or item is disposed of. A copy of the technical inspection will go with an item evacuated to support maintenance units or depots for repair or overhaul.

(5) When the form has been used to report BDAR action, mail the DA Form 2404 to Survivability/Vulnerability Information Analysis Center (SURVIAC), ATTN: AFFDL/FES/CDIC, Wright-Patterson AFB, OH 45433.

(6) DA Form 2404 used for estimated cost of damage (ECOD) is handled as follows:

(a) Two copies will be attached to copy 4 of the DA Form 2407 that requested the ECOD and returned to the requesting unit. One copy will be returned with the DA Form 2407 that requests repair of the damage.

(b) The third copy will be filed with copy 5 of DA Form 2407 at the maintenance support activity.

### **3-5. DA Form 2405 (Maintenance Request Register)**

*a. Purpose.* The DA Form 2405 is used to record all work requests (DA Form 2407) received and handled by maintenance activities. (See fig 3-14.)

#### *b. Use.*

(1) SAMS-1 automates the DA Form 2405 at the DS/GS support maintenance activity. It is used as a consolidated record of all DA Forms 2407 received. The automated form, PCN AHN-007, provides a consolidated list of all open work orders, man-hours, and work order status.

(2) Units supported by a SAMS DS/GS maintenance activity use the manually prepared DA Form 2405 when assigning organization work order number (ORGWON) to the DA Form 2407 for tracking organization work orders reflecting NMC conditions for INOP equipment. Routine maintenance requests (DA Form 2407) sent to support may also be recorded on the DA Form 2405.

#### (3) The DA Form 2405—

(a) Is a maintenance management record at both unit and support levels.

(b) Is a ready source for information on maintenance requests. It also gives information for management reports (like backlog status reports, etc.).

(c) May be used (but not required) at unit level as a record of maintenance requests sent to support activities or for internal management.

(d) Will be used by support activities to record and control DA Form 2407s sent and returned from commercial activities.

#### *c. Disposition.*

(1) The DA Form 2405 will be kept for 1 year after last date entered in column "h".

(2) If used for making budgets or planning, it may be kept beyond 1 year until budget or plans are completed. Then, destroy the form.

(3) You may choose to move open work order numbers to a new register if DA Form 2405 is closed at the end of a calendar or fiscal year.

### **3-6. DA Form 2407 (Maintenance Request) and DA Form 2407-1 (Maintenance Request Continuation Sheet)**

*a. Purpose.* The DA Forms 2407/2407-1 serve as a request for maintenance support and give information to all levels of maintenance management. (See figs 3-15 through 3-22.) The DA Forms 2407/2407-1 are the source of information for the Army's work order data base at USAMC Logistics Support Activity (LOGSA). This data base, called the Work Order Logistics File (WOLF), provides statistical weapon analyses such as mean time to repair and repair parts usage at the DS/GS levels of maintenance for selected

major weapon systems. Submit the maintenance request data to LOGSA through the Standard Army Maintenance System (SAMS) or the Maintenance Information Management System (MIMS).

b. *Use.* Use the DA Forms 2407/2407-1 as a maintenance request as follows:

(1) At the unit level, they are used to—

(a) Request support maintenance, to include the following:

1. Repairs beyond the unit's authorized capability or capacity.
2. Application of MWOs. (See para 3-7.)
3. Fabrication or assembly of items.

(b) Report work on DA directed items under an approved sampling plan. AR 750-1 governs this program. The specific FPG identifies mandatory data elements for the forms.

(c) Initiate work requests that may become warranty claim actions.

(d) Show all support maintenance done on general purpose and passenger-carrying vehicles, combat and tactical equipment.

(e) Request an estimated cost of damage (ECOD) or technical inspection to determine the serviceability/repairability of an item prior to repair or turn-in for replacement.

(2) At support maintenance levels, they are used to—

(a) Record all work done and repair parts used, except common hardware and bulk material.

(b) Report all MWOs as they are applied as well as all previously applied MWOs.

(c) Send in warranty claim actions.

(d) Ask for repair of components, assemblies, and subassemblies in the reparable exchange program. You may use one form for as many items under an NSN as needed. For example, one DA Form 2407 might cover 10 rifles or 5 starters or 30 carburetors, etc.

(e) Ask for maintenance from another activity or supporting unit.

(f) Report work done on DA data sampling items under AR 750-1 and the specific FPG.

(g) Report battlefield repair actions. AR 750-1 and the individual equipment battlefield damage repair technical manuals govern how such repairs should be done.

(h) Serve as a dispatch record when road testing vehicle being repaired.

(i) Record support maintenance done under contract.

(j) Track serial numbered items within SAMS (see table 13-1 for a list of SNT reportable items).

(3) At the depot level, they are used to—

(a) Report MWOs as they are applied as well as all previously applied MWOs.

(b) Send in warranty claim actions.

(c) Show "onsite" work done by depot personnel.

(d) Report "repair and return to user" work done.

(e) Report work done on DA data sampling items.

(f) Record depot maintenance done under contract.

c. *Organization work order number (ORGWON).*

(1) *Purpose.* The ORGWON is assigned to all work orders for purposes of tracking INOP equipment and all equipment sent to the support maintenance activity for repair.

(2) *Use.* The ORGWON is the key to the inoperative equipment process.

(3) *General Instructions*

(a) The ORGWON is assigned sequentially from the DA Form 2405. Paragraph 3-5 gives details on the use of DA Form 2405.

(b) Assign an ORGWON when reportable equipment listed in AR 700-138, or when a command maintenance-significant item designated by the local commander, becomes inoperative. Also assign an ORGWON when a nonreportable subsystem of a reportable weapon system causes the weapon system to become inoperative. The positions of the ORGWON are as follows:

1. The first five positions of the ORGWON are the unit identification code (UIC) minus the W. A unit with a UIC of WABCD0(zero) would use ABCD0(zero) as the first five positions of each ORGWON. The letters "I" and "O" are not permitted in a UIC. Numeric 0 (zero) is authorized to be used in a UIC.

2. If the sixth position of the ORGWON has a zero (0) or one(1),

it identifies ground or missile maintenance equipment, and whether it is reportable or not. A zero (0) identifies an end item as reportable under AR 700-138, or when a command maintenance-significant item, selected by a local commander, becomes inoperative. Also assign a zero (0) when a nonreportable subsystem of a reportable weapon system causes the weapon system to be inoperative. A one (1) is used if the item of equipment is not reportable. Also, a one (1) is used if a reportable item needs repair but is not inoperative (INOP); e.g., painting. If the sixth position of the ORGWON has a two (2) or a three (3), it identifies aircraft maintenance equipment, and whether it is reportable or not. A two (2) identifies an end item as reportable under AR 700-138, or when a command maintenance-significant item, selected by a local commander, becomes inoperative. Also assign a two (2) when a nonreportable subsystem of a reportable weapon system causes the weapon system to be inoperative. A three (3) is used if the item of equipment is not reportable. Also, a three (3) is used if a reportable item needs repair but is not inoperative (INOP); e.g., painting.

3. The seventh position of the ORGWON is the year within the decade. For example, the seventh position for each ORGWON assigned in 1992 would be 2.

4. The last five positions of the ORGWON are the sequence number of the work order. The sequence number is assigned at the unit maintenance platoon/section on DA Form 2405 for manual units.

5. The first seven positions of the ORGWON stay the same during the year and will be the same for each work order. The last five positions, however, are unique to each work order (i.e., 00001-99999 or HHC12).

(c) An ORGWON must be assigned for all INOP equipment, even if it is immediately evacuated to DS without any maintenance performed at the unit.

d. *General Instructions*

(1) The DA Form 2407/2407-1 show the specific item(s) being sent to support maintenance as follows:

(a) A separate DA Form 2407 will be filled out on each item reported under AR 700-138. A separate form will also be filled out on each component of an item reported under AR 700-138, when submitted separate from end item.

(b) You may combine items with the same make, model, and NSN on a single DA Form 2407 when they are not reported under AR 700-138. DA Form 2407-1 may be used when more room is needed.

(c) Items turned in for classification will be on separate forms.

(2) Send a copy of DA Form 2408-5 (Equipment Modification Record) with the equipment going to support maintenance.

(3) The organization asking for maintenance fills out Section I of the DA Form 2407 and sends all copies of the form with the equipment.

(4) The support unit fills in Block 24 and puts a local work order number on the form. Copy one then goes back to the organization as a receipt for the equipment. The unit returns copy one when the equipment is fixed and ready for pickup.

(5) If parts needed for maintenance are not available when a maintenance request is made, the supporting unit may defer the maintenance, except NMC equipment, by printing in the Remarks block "Equipment returned to user, awaiting parts (date). Equipment owner will be notified when parts are available". Support maintenance will retain copy number 1 and the equipment owner will retain all other copies. The unit will return the equipment and maintenance work request no later than the end of the following work day of being notified by support maintenance.

e. *Disposition.*

(1) *Receipt copy one.* Destroy when the equipment is returned to the unit.

(2) *NMP copy two.* Handle as directed by the local command. Retain for 180 days if copy is turned into SSA or PBO.

(3) *Control copy three.* Handle as directed by the local command. When the form is used for BDAR, mail this copy to the Survivability/Vulnerability Information Analysis Center (SURVIAC), ATTN: AFFDL/FES/CDIC, Wright Patterson AFB, OH 45433.

(4) *Organization copy four.*

(a) The unit keeps this copy for 180 days after the equipment is fixed. For items under a DA approved sampling plan, hold this copy as directed by the plan. The organization may keep the DA Forms 2407/2407-1 showing services (i.e., calibration and load/proof test) until the next service is performed or data transferred to DD Form 314.

(b) When the form is used for ECOD, keep this copy and associated correspondence until released by investigator at the completion of the investigation.

(c) Attach to DA Form 2765-1 (Request for Issue or Turn-In) for items turned into property book office or SSA.

(5) *File copy five.* The maintenance activity/installation maintenance activity keeps this copy for 1 year after the equipment is accepted by owning unit.

### 3-7. DA Forms 2407/2407-1 used to request or report an MWO

*a. Purpose.* The DA Forms 2407/2407-1 both request an MWO be applied and show MWOs done. (See figs 3-17 and 3-18.)

*b. Use.* The DA Forms 2407/2407-1 will be used to—

(1) Request that an MWO be applied. MWOs are normally applied by support, depot maintenance, or commercial contractors.

(2) Report applied MWOs on end items, installed components, and uninstalled components.

(3) Report an MWO against an end item when a modified component replaces an unmodified one.

*Note.* Note. The responsible sponsoring agency will ensure that equipment owners know when MWOs apply to their equipment. Report MWOs applied at depots as directed by AMC automated procedures. Depot teams and contractors applying MWOs in the field will report applied MWOs on DA Forms 2407/2407-1.

*c. General Instructions*

(1) The requesting unit will send all copies of the DA Forms 2407/2407-1 to the activity that will apply the MWO. The equipment normally does not go to that activity until MWO kits are on hand. If MWO kits are already on hand, the equipment will go with the form.

(2) When URGENT MWO kits are not on hand, the equipment normally goes to the maintenance activity with the form. The receipt copy one will be returned to the unit.

(3) For other than URGENT MWOs, the maintenance activity will get only the form until the kits arrive. The maintenance activity will print in the Remarks block "Receipt of MWO Request(Date) (Name or Initials)" and return copies 2, 3, 4, and 5 to the unit. Keep copy one of the DA Forms 2407/2407-1. When the MWO kits or parts come in, the unit asking for the MWO will be contacted. The unit will send the equipment and all copies of DA Forms 2407/2407-1 to the maintenance activity. The maintenance activity will fill in Block 24 of the DA Form 2407. The unit asking for the MWO will get copy one as a receipt. All other copies of the form stay with the support maintenance activity.

(4) When an applied MWO changes the NSN of the end item, send in a DA Form 2408-9. See paragraph 5-6c(9).

(5) Reporting MWOs accomplished and applicable to the same vehicle configuration can be listed by serial number on one DA Form 2407-1.

*d. Disposition.* When the MWO has been applied.

(1) Destroy the receipt copy one when the equipment goes back to the owning unit.

(2) Send NMP copy two to the DA MWO sponsoring agency within 3 working days. The MWO publication will tell you who the agency is and what address to use.

(3) The control copy three is handled as directed by the MWO pub or Materiel Fielding Plan (MFP). Otherwise, handle as directed locally.

(4) Destroy organization copy four.

(5) The maintenance activity keeps file copy five until the next MWO validation.

### 3-8. Warranty claim action (WCA)

*a. Purpose.* DA Forms 2407/2407-1 (Maintenance Request and Maintenance Request Continuation Sheet) are the only forms used to file WCAs. Figure 3-20 shows how to prepare the DA Form 2407 for WCAs.

*b. Use.*

(1) The DA Form 2407 is used to send in WCAs for items with bad components, parts, or assemblies covered by a factory warranty. Do not use SF Form 368 to report warranty claims.

(2) Report all WCAs, settled or unsettled, to the national level on DA Form 2407. (See settled or unsettled below:)

(a) Settled WCAs are for warranted items that have been repaired by organic maintenance units or by a local contractor/dealer.

(b) Unsettled WCAs are for warranted items awaiting disposition instructions or items being retrograded for repair at a higher level of maintenance or to a contractor facility.

*c. General Instructions*

(1) The Army's Warranty Program covers all items under warranty. Check the warranty technical bulletins (WTB) and with your warranty control office (WARCO) for specific items under warranty. WARCOs are listed in appendix C.

(2) AR 700-139 governs the warranty program. HQ AMC, ATTN: AMCAQ-PM, 5001 Eisenhower Avenue, Alexandria, VA 22333-0001, manages the Army's Warranty Program. The commands/addresses in figures 3-25 through 3-31 consolidate information for WARCOs and equipment under warranty. Items purchased after early 1984 and some items prior to that time will have technical bulletins that describe the actions required for the particular warranty and equipment.

(3) Submission of WCAs will be mostly limited to GS and depot level, except when specifically required by the WTB.

(4) The WARCO will normally operate from the GS, Directorate of Logistics (DOL), Directorate of Installation and Services, supporting maintenance battalion, division/corps, or theater maintenance management center.

(5) The WARCO at support maintenance levels acts as liaison between Army units and local contractors or dealers. The WARCO manages the warranty program at post, camps, or stations. The WARCO—

(a) Establishes local procedures to control WCAs.

(b) Receives, verifies, administers, processes, and distributes WCAs.

(c) Handles local warranty claims that are completed by Army units or contractor dealer/service networks.

(d) Acts as the point of contact for the AMC major subordinate commands (MSC) that buy the equipment for the Army.

(e) Controls shipments of items for warranty work.

(f) Reports on WCAs.

(6) When WCAs, reflecting local contractor/dealer repairs, are completed, that is, all work has been accomplished, the DA Form 2407 will be marked "Information Only" and submitted to the MSC representative listed in figures 3-25 through 3-31.

(7) If there is a disagreement between the Army and a local contractor/dealer/manufacturer over a warranty claim, the WARCO will try to resolve the problem at that level. When the disagreement cannot be resolved locally, the WARCO will contact the MSC representative listed in figures 3-25 through 3-31. In U.S. Army Europe (USAREUR), the WARCO will contact the Logistics Assistance Office (LAO) for help in resolving warranty disputes.

(8) The WARCO must be aware that, when contractors or dealers perform warranty work, other work not covered by the warranty may be done or needed. The contractor or dealer will expect to be paid for that work. The WARCO must stipulate, at the time of delivery, that either no non-warranty work be done or be prepared to pay for the work.

(9) The DA Form 2407 is the only form used to file warranty claim actions. No other forms are authorized as substitutes or replacements. The information listed in the blocks on the DA Form 2407 are placed into the Deficiency Reporting System (DRS) at the MSC to track particular warranties. Performance, part failure, and warranty cost effectiveness can be determined, just to list a few. It is

very important that all the blocks shown in Figure 3-20 be as accurate as you can make them. The DA Form 2407 should list the end item in the header blocks (blocks 1- 11). All WCAs will be processed through the WARCO.

(10) Any component, part, or assembly under warranty that fails during the warranty period becomes a warranty claim exhibit. All exhibits will carry a DA Form 2402 marked "Warranty Exhibit". Exhibits will be retained until disposition instructions are obtained. Normally, disposition instructions will be in the supporting WTB. When the supporting WTB does not provide disposition instructions, the materiel manager provides disposition instructions to you within 30 calendar days after receiving your WCA.

(11) Warranty items evacuated under the Reparable Exchange Program will have DA Form 2407, WCA, initiated prior to sending the item. The WCA will be completed at the normal level of repair.

(12) See appendix C for a list of WARCOs and LAOs.

(13) Each AMC MSC will publish a WTB listing all equipment under warranty.

*d. Disposition.*

(1) Copy one is kept by the owning unit until the equipment is returned or action is completed.

(2) Copy two is sent to the address listed in figures 3-25 through 3-31 for the item's NSN.

(3) Copy three is sent as directed by the WTB or with copy two. Copy three will normally go with copy two. A few WTBs, however, may require that copy three be sent to a separate location or at a different time when special or expedited parts support is needed.

(4) Copy four is returned to the owning unit or filed by the WARCO.

(5) Copy five stays with the item until the warranty action is completed. Then, dispose of the form.

### 3-9. Addresses for WCAs

Send WCAs on DA Forms 2407/2407-1 to the addresses in figures 3-25 through 3-31. These addresses are the screening points where all WCAs are to be sent regardless of who furnished the item to you. The screening point is identified in position one of the Materiel Category Structure Code (MAT CAT) in the Army Master Data File (AMDF) for each NSN. If you can't find the MAT CAT Code of the item using the AMDF, use the item's Federal supply class (the first four numbers of the NSN).

**MAT CAT Position 1: B, E, F, J, R, S, T  
or FSC:**

1070-1080, 1510-1740, 1860-2305, 2620, 2810-2840, 3110-3230, 3455-3770, 3820<sup>1</sup>, 3830-3835, 3915, 3940, 3960, 3990<sup>2</sup>, 4010-5210, 5305-5430, 6115-6116, 6210-6350, 6605-6610, 6620, 6630-6640, 6670-6675, 5810-6810, 6930, 7105-7720, 8145, 8305-8475, 9110-9160, 9310-9999

**Send to:**

Commander  
U.S. Army ATCOM (TROOP)  
ATTN: AMSAT-I-MDO  
4300 Goodfellow Blvd  
St. Louis, MO 63120-1798  
DODAAC: W81D18

**Call or send message to:**

Call:  
DSN 693-1955  
Comm: (314) 263-1955

**Electronic Mail box:**

KHUDSON@ST-LOUIS-EMH7.ARMY.MIL

**Send Message to:**

CDR ATCOM ST LOUIS MO//AMSAT-I-MDO//

**Notes:**

<sup>1</sup> (well drilling equipment only)

<sup>2</sup> (cargo net only)

Figure 3-25. ATCOM (TROOP)

**MAT CAT Position 1: D or M  
or FSC:**

1005-1055, 1090-1270, 1285-1330, 1345-1398, 3405-3450, 3611, 3620, 3645, 3650, 3660-3685, 3690, 3693-3695, 4921-4925, 4931-4933, 4940, 5220-5280, 6650, 6665, 6920, 8140  
1336 (To determine correct address for particular NSNs under FSC 1336, check the AMDF for position 1 of the MAT CAT.)  
1340 (except free rockets)  
2320 and 2350 (SP artillery and antiaircraft guns only)

**Send to:**

Commander  
U.S. Army AMCCOM  
ATTN: AMSMC-QAD-(R)  
Rock Island, IL 61299-6000  
DODAAC: W52HIC

**Call or send message to:**

Call:  
DSN 793-7580 ext 733  
Comm: (309) 782-7580 ext 733

**24-Hour Warranty HOTLINE:**

DSN 793-4109  
Comm: (309) 782-4109

**Electronic Mail box:**

AMCCOM.DRS@RIA-EMH1.ARMY.MIL

**Send Message to:**

CDR AMCCOM ROCK ISLAND IL//AMSMC-QAD//

Figure 3-26. AMCCOM

**MAT CAT Position 1: G, P, Q, U  
or FSC:**

2596, 2598, 2691, 5450, 5805, 5811, 5815-6080, 6105, 6110, 6125-6145, 6605, 6615, 6625, 6660, 6680, 6695-6780, 6920, 6940-7050, 7450, 7550, 8130

**Send to:**

Commander  
U.S. Army CECOM  
ATTN: AMSEL-PA-MS-N  
Ft. Monmouth, NJ 07703-5000  
DODAAC: W15P6Z

**Call or send message to:**

Call:  
DSN 992-0523/0525/0544  
Comm: (201) 532-0523/0525/0544

**24-Hour Warranty HOTLINE:**

DSN 992-1276  
Comm: (201) 532-1276

**Send Message to:**

CDR CECOM FT MONMOUTH NJ//AMSEL-PA-MS-N//

**Electronic Mail box:**

AMSEL-PA@MONMOUTH-EMH2.ARMY.MIL

Figure 3-27. CECOM

**MAT CAT Postion 1: H  
or FSC:**

1510-1730, 2810, 2840, 2915, 2925, 2935, 2945, 2995, 3110-3130,  
4920, 5303-5365, 6340, 6605, 6610, 6615, 6620

**Send to:**

Commander  
U.S. Army ATCOM (AIR)  
ATTN: AMSAT-I-MDO  
4300 Goodfellow Blvd  
St. Louis, MO 63120-1798

**Call or send message to:**

Call:  
DSN 693-1955  
Comm: (314) 263-1955

**Send Message to:**

CDR ATCOM ST LOUIS MO//AMSAT-I-MDO//

**Electronic Mail box:**

KHUDSON@ST-LOUIS-EMH7.ARMY.MIL

Figure 3-28. ATCOM (AIR)

**MAT CAT Postion 1: K  
or FSC:**

2310-2315, 2325-2340, 2410-2430, 2520, 2590, 2610, 2630-2805,  
2815, 2910-2950, 3020, 3040, 3110-3130, 3805, 3810, 3815, 3990<sup>1</sup>,  
4310, 5430, 3820<sup>2</sup>, 3825, 3895, 3910, 3920, 3930, 3950  
2320 and 2350 (except SP artillery and antiaircraft guns)

**Send to:**

Commander  
U.S. Army TACOM  
ATTN: AMSTA-MMA  
Warren, MI 48397-5000  
DODAAC: W56HZY

**Call or send message to:**

Call:  
DSN 786-7537  
Comm: (313) 574-7537

**Send Message to:**

CDR TACOM WARREN MI//AMSTA-MMA//

**Electronic Mail box:**

AMSTAMMA@TACOM.EMH1.ARMY.MIL

**Notes:**

- <sup>1</sup> (except cargo nets)  
<sup>2</sup> (except well drilling equipment)

Figure 3-29. TACOM

**MAT CAT Postion 1: L  
or FSC:**

1280, 1337, 1338, 1410-1450, 1810-1850, 2845, 4935, 4960, 6920,  
8140, 9135  
1336 (To determine correct address for particular NSNs under FSC  
1336, check the AMDF for position 1 of the MAT CAT.)  
1340 (Free rockets only)

**Send to:**

Commander  
U.S. Army MICOM  
ATTN: AMSMI-MMC-CS-AC  
Redstone Arsenal, AL 35898-5180  
DODAAC: W81D17

**Call or send message to:**

Call:  
DSN 746-0447  
Comm: (205) 876-0447

**Send Message to:**

CDR MICOM REDSTONE ARS AL//AMSMI-MMC-CS-AC//

**Electronic Mail box:**

CFO@REDSTONE-EMH2.ARMY.MIL

Figure 3-30. MICOM

**MAT CAT Postion 1: U  
or FSC: 5810****Send to:**

Commander  
U.S. Army Communications-Electronics Command  
Communications Security Logistics Activity  
ATTN: SELCL-LO-A  
Fort Huachuca, AZ 85613-7090  
DODAAC: W61QL1

**Call or send message to:**

Call:  
DSN 879-7538  
Comm: (602) 538-7538

**Electronic Mail box:**

CSLA-LAD@MONMOUTH-EMH2.ARMY.MIL

**Send Message to:**

CDRUSACSLA FORT HUACHUCA AZ//SELCL-LO-A//

**Notes:**

If you cannot decide where the report should go, send it to:

Commander  
US Army Materiel Command  
ATTN: AMCAQ-PM  
5001 Eisenhower Avenue  
Alexandria, VA 22333-0001.

Figure 3-31. CECOM CSLA

**3-10. DA Form 2408-14 (Uncorrected Fault Record)**

*a. Purpose.* The DA Form 2408-14 is a record of uncorrected faults and deferred maintenance actions on equipment. Deferred maintenance actions are authorized delays for repair or maintenance. (See fig 3-21.) Equipment with deferred maintenance does not meet the Army maintenance standard as addressed in AR 750-1, paragraph 3-1a.

*b. Use.*

(1) Serves as a record of uncorrected faults and deferred maintenance. That is, an authorized delay for maintenance actions.

(2) Deferred or delayed maintenance can affect operation of the equipment, mission performance, and safety. Therefore, the commander or the commander's designated representative will determine when a fault will be transcribed to DA Form 2408-14. Faults not requiring parts, or faults for which parts are on hand, will be corrected without delay per AR 750-1. Status symbol X faults will not be entered on DA Form 2408-14.

(3) The DA Form 2408-14 will be kept on any item or group of

items that has an open deferred maintenance action. This form is not required when an automated system provides you with a list or printout of deferred maintenance and uncorrected faults that includes all elements on the DA Form 2408-14.

*c. General Instructions*

(1) Maintenance status symbol HORIZONTAL DASH (–) and DIAGONAL SLASH (/) faults will be annotated on the DA Form 2408-14.

(2) When a deferred maintenance action exists on an item of equipment, the DA Form 2408-14 will be with the equipment when the equipment is undergoing maintenance, on dispatch, under operation, or undergoing a service or inspection.

(3) Separate forms are not required for items (except reportable subsystems) like rifles, protective masks, and M11 decons, when one DA Form 2404 has been used to inspect and record the status of those items. A single form may be used to show deferred faults on such items as long as each fault entry is preceded in column b by the item's administration or serial number.

(4) Operators or crews will check the form before each dispatch. Look for faults that may affect the mission and faults that are overdue to be fixed. For example, look at any dates in column c that have passed or actions that have already been taken. Tell the maintenance supervisor about any you find.

(5) Maintenance supervisors and section leaders (platoon) will review the forms periodically (not less than every 2 weeks for Active Army and 1 month for NG/Reserve Components). Check on the status of parts on order. Look for any faults that have been fixed, but not closed out. Check for any faults overdue to be fixed.

(6) The form will be kept in the equipment record folder or in a protective cover when a deferred maintenance action or uncorrected fault exists on the item of equipment.

(7) Do not start a DA Form 2408-14 until there is an uncorrected equipment fault that cannot be corrected due to lack of repair parts or deferred action.

(8) A second copy of the DA Form 2408-14 may be kept wherever and whenever needed for maintenance supervisors or section leaders.

(9) Parts on order for or actions pending under ANMC conditions may go on the form with a DIAGONAL SLASH status symbol. Line out the entry if the ANMC condition changes to an NMC condition. The status symbol for the NMC condition then changes to an X and the entry can no longer stay on the form. Enter the NMC condition on the current DA Form 2404.

*d. Disposition.* Destroy the DA Form 2408-14 after the form has been filled up and all the faults have been fixed or moved to a new DA Form 2408-14.

### 3-11. FAA Form 6030-1 (Facility Maintenance Log)

*a. Purpose.* FAA Form 6030-1 is a record of all maintenance actions performed at any ATC facility and/or navigational aid. (See fig 3-24.)

*b. Use.*

(1) FAA Form 6030-1 provides a complete record of all maintenance actions performed at any ATC facility and/or navigational aid. It logs document equipment performance and maintenance activities, as well as provides a historical record of site events.

(2) An FAA Form 6030-1 will be maintained at each navigational aid or ATC equipment area.

(3) One FAA Form 6030-1 may be used to cover all ATC equipment at one specific tactical site.

(4) FAA Form 6030-1 will be used instead of DA Form 2404 for recording organizational preventive maintenance checks and services. Clearly annotate PMCS.

*c. General Instructions*

(1) *Basic log format.* Log entries will be clear, complete, and concise. The log documents fact, as perceived by the person making the entry. Elaborate detail or opinion will be avoided. The use of standard abbreviations and references to substantive records is encouraged in expressing activities in the clearest manner. Legible entries will be made in ink. All information noted will correlate with

related data on other forms, records, and reports. Maintenance activities logged will cite the appropriate technical reference needed to support the entry as a complete, understandable statement.

(2) *Location of logs.* Logs will be kept in the immediate vicinity of the log subject. Exceptions are allowed where this is impractical, but the location will be designated within the maintenance standard operating procedures.

(3) *Log corrections.* There will be no erasures or deletions of any entered data. A corrected entry is mandatory for erroneous entries relating to a facility interruption. Errors will be corrected by one of the following two methods:

(a) The person making the error can void the entry with a single line strikeout followed by their initials and the corrected version. This method will only be used when the correction can be entered adjacent to or immediately below the erroneous entry.

(b) An entry in error will be corrected with an additional entry referenced to the erroneous entry by date and time. The person making the correction will then note the date and time of the corrected entry and their initials in the margin adjacent to the erroneous entry.

(4) *Activities requiring log entries.* Entries in the logs will provide a complete accounting of activities related to facility status, certification, operation, or performance. Entries will include but are not limited to—

(a) Arrivals and departures at facilities not manned. At least one entry will include the purpose of the visit, if not apparent from other entries.

(b) Scheduled or unscheduled interruptions/outages and related activities.

(c) Start and completion of PMCS or corrective maintenance actions performed.

(d) Identification of failed equipment components by reference designation, part number, NSN, or serial number.

(e) Start and completion of flight inspections (where onsite personnel are involved or notified), technical inspections, and aircraft accident investigations.

(f) Equipment changes or replacement, including transfers and channel changes.

(g) Modification, commissioning, or decommissioning activities.

(h) Pilferage, vandalism, or related events.

(i) Adverse weather effects, commercial power failures, access road problems, or any other conditions deemed to have impact on facility or air traffic operations.

(j) Certification or decertification.

(k) Visits by nonsite personnel.

(5) *Initials.* The originator will initial the entry in the area provided on the last line of the entry. Two-party entries will be initialed by the originator's initials on top, a slash (/), and the second party's (observer or second technician) initials under the slash in the initial box.

(6) *Page numbering.* All serialized log pages will remain in numerical order with any exceptions noted. When starting a new log, the serial number of the last page of the old log will be referenced in the first entry of the new log. The serial number of the first page in the new log will be referenced in the last entry of the old log or in the lower right margin of the last page.

(7) *Month and year.* The month and year corresponding to the beginning entry on each page of the log will be entered in the "month and year" block at the top of each page of the log.

(8) *Date and time.* All entries will be referenced to date and local time. Consecutive entries on the same calendar date need not be dated at each entry, but the date is required on the first and last entry of each page. Entries continued from the previous page need not have a date and time on the continued portion.

(9) *Initial/final remarks entries.* Begin a new page with each calendar month. On the first line put "First Entry Month of (month)". After last entry of each month, state "Last Entry Month of (month)". Draw a slash (/) through all unused lines.

(10) *Technician's signature.* At the end of each month, the technician having the primary responsibility for the maintenance of the facility or navigational aid covered by the log, is responsible for

reviewing and signing the log page(s) in the lower right hand corner under "Signature of Maintenance Technician".

(11) *Supervisor's signature.* The maintenance supervisor conducts an onsite log overview prior to removal of the white page(s). Review will address log procedural or policy discrepancies, technical completeness, detection of facility performance trends, and recurring malfunctions. Mistakes or unclear entries will be corrected

by an additional entry referenced to the erroneous entry by date and time. After verifying that the yellow copy is a reproduction of the white page, the supervisor will date and sign in the lower left block at the bottom of each page reviewed. The white page(s) will be removed for filing at the maintenance office.

(12) *Disposition instructions.* Retain facility maintenance logs on file a minimum of 5 years from date of last monthly entry, or until no longer needed.

Edition of MAY 81  
is obsolete.

U.S. GPO: 1986 - 161-818

|                                                   |                                                     |                                                                                                                           |                        |
|---------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------|
| 1. SUPPORT AGENCY (DODAAC) <i>UIC</i>             |                                                     | 2. DATE<br><i>1292</i>                                                                                                    |                        |
| 3. ORGANIZATION (DODAAC) <i>WACCBO</i>            |                                                     | 4. <input type="checkbox"/> WARRANTY<br><input type="checkbox"/> EIR EXHIBIT <input checked="" type="checkbox"/> EXCHANGE |                        |
| 5. NSN<br><i>2805-01-039-3500</i>                 |                                                     | 6. NOUN NOMENCLATURE<br><i>ENGINE, GASOLINE</i>                                                                           |                        |
| 7. PD<br><i>02</i>                                | 8. PD AUTHENTICATION<br><i>Ryan O. Bow, Jr.</i>     |                                                                                                                           |                        |
| END<br>ITEM<br>IDENTIFICATION                     | 9. END ITEM NOUN NOMENCLATURE<br><i>SEB CNT MNT</i> |                                                                                                                           |                        |
|                                                   | 10. MODEL<br><i>SELM1975</i>                        | 11. SERIAL NO.<br><i>54782</i>                                                                                            |                        |
| 12. DEFICIENCY OR SYMPTOM<br><i>ENGINE SEIZED</i> |                                                     |                                                                                                                           |                        |
| 13. DATE ACCEPTED<br><i>1292</i>                  | 14. SIGNATURE<br><i>Ryan M. Lee</i>                 |                                                                                                                           | 15. NMCS<br><i>yes</i> |
| 16. JON<br><i>A803862</i>                         | 17. INITIALS<br><i>DL</i>                           |                                                                                                                           |                        |
| 18. DATE REPAIRED<br><i>1295</i>                  | 19. INITIALS<br><i>RML</i>                          |                                                                                                                           |                        |

Figure 3-1. Sample of a completed DA Form 2402

Legend for Figure 3-1:

Completion instructions by block number and title

(1) Support Agency (DODAAC).

a. Line through the word "DODAAC" and enter the word "UIC."  
b. Enter the UIC of the support activity that will receive, hold, or Work on the item for you.

(2) **Date.** Enter the Julian date the form was initiated.

(3) **Organization (DODAAC).**

a. Line through the word "DODAAC" and enter the word "UIC."  
b. Enter the UIC of the owning unit or organization.

(4) **Warranty/EIR Exhibit/ Exchange.** Mark the block to show the use of the form. If form is being used for other than the options indicated in Block 4 (e.g., receipt for TMDE), print the use of the form above the exchange block.

(5) **NSN.** Enter the NSN of the item.

(6) **Noun Nomenclature.** Print the noun abbreviation of the item to be exchanged.

(7) **PD.** Enter the priority designator (PD) that applies to the action. The unit or organization listed in Block 3 normally assigns the PD. When the form supports a customer maintenance request, use the PD of the maintenance request.

(8) **PD Authentication.**

a. The commander or the commander's designated representative signs when a PD of 01 through 10 is in Block 7.

b. Enter the maintenance work order number when a PD of 01 through 10 is taken from a maintenance request.

(9) **End Item Nomenclature.** Enter the noun abbreviation of the end item for the part or component in Block 6.

(10) **Model.** Enter the model number of the end item.

(11) **Serial No.** Enter the serial number of the end item.

(12) **Deficiency or Symptom.** Briefly describe the problem.

(13) **Date Accepted.** When the form is used as a receipt, the support unit will enter the Julian date.

(14) **Signature.** The person who receives the item signs.

(15) **NMCS.** Print the word "Yes" for NMC condition.

(16) **JON.** The facility that will repair the item enters the maintenance work order number.

(17) **Initials.** The person receiving the item for repair initials in this block.

(18) **Date Repaired.** The person doing the work enters the Julian date that the work was finished.

(19) **Initials.** The person doing the work initials in this block.

|                                                                                                                                          |                     | 1                  | 2 | 3 | 4 | 5 | 6                                 | 7 | 8 | 9 | 10 | 11           | 12 | 13 | 14 | 15 | 16          | 17 | 18 | 19 | 20 | 21          | 22 | 23 | 24 | 25 | 26          | 27 | 28 | 29 | 30 | 31 |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------|---|---|---|---|-----------------------------------|---|---|---|----|--------------|----|----|----|----|-------------|----|----|----|----|-------------|----|----|----|----|-------------|----|----|----|----|----|--|--|
| DD FORM 314<br>1 DEC 93<br>PREVIOUS EDITIONS OF<br>THIS FORM MAY BE USED<br>FOR PREVENTIVE MAINTENANCE<br>SCHEDULE AND RECORD            | REGISTRATION NUMBER |                    |   |   |   |   | ADMINISTRATION NO.                |   |   |   |    | NOMENCLATURE |    |    |    |    |             |    |    |    |    | MODEL       |    |    |    |    | ASSIGNED TO |    |    |    |    |    |  |  |
|                                                                                                                                          | JAN                 |                    |   |   |   |   |                                   |   |   |   |    |              |    |    |    |    |             |    |    |    |    |             |    |    |    |    |             |    |    |    |    |    |  |  |
|                                                                                                                                          | FEB                 |                    |   |   |   |   |                                   |   |   |   |    |              |    |    |    |    |             |    |    |    |    |             |    |    |    |    |             |    |    |    |    |    |  |  |
|                                                                                                                                          | MAR                 |                    |   |   |   |   |                                   |   |   |   |    |              |    |    |    |    |             |    |    |    |    |             |    |    |    |    |             |    |    |    |    |    |  |  |
|                                                                                                                                          | APR                 |                    |   |   |   |   |                                   |   |   |   |    |              |    |    |    |    |             |    |    |    |    |             |    |    |    |    |             |    |    |    |    |    |  |  |
|                                                                                                                                          | MAY                 |                    |   |   |   |   |                                   |   |   |   |    |              |    |    |    |    |             |    |    |    |    |             |    |    |    |    |             |    |    |    |    |    |  |  |
|                                                                                                                                          | JUN                 |                    |   |   |   |   |                                   |   |   |   |    |              |    |    |    |    |             |    |    |    |    |             |    |    |    |    |             |    |    |    |    |    |  |  |
|                                                                                                                                          | JUL                 |                    |   |   |   |   |                                   |   |   |   |    |              |    |    |    |    |             |    |    |    |    |             |    |    |    |    |             |    |    |    |    |    |  |  |
|                                                                                                                                          | AUG                 |                    |   |   |   |   |                                   |   |   |   |    |              |    |    |    |    |             |    |    |    |    |             |    |    |    |    |             |    |    |    |    |    |  |  |
|                                                                                                                                          | SEP                 |                    |   |   |   |   |                                   |   |   |   |    |              |    |    |    |    |             |    |    |    |    |             |    |    |    |    |             |    |    |    |    |    |  |  |
|                                                                                                                                          | OCT                 |                    |   |   |   |   |                                   |   |   |   |    |              |    |    |    |    |             |    |    |    |    |             |    |    |    |    |             |    |    |    |    |    |  |  |
|                                                                                                                                          | NOV                 |                    |   |   |   |   |                                   |   |   |   |    |              |    |    |    |    |             |    |    |    |    |             |    |    |    |    |             |    |    |    |    |    |  |  |
|                                                                                                                                          | DEC                 |                    |   |   |   |   |                                   |   |   |   |    |              |    |    |    |    |             |    |    |    |    |             |    |    |    |    |             |    |    |    |    |    |  |  |
| REMARKS<br>Next Service Annual- 21,700 9 Jan 94<br>Next Tire Rotation Due: 17,700<br>Antifreeze Data: -40 Alkalinity: Blue Date 9 Jan 93 |                     |                    |   |   |   |   |                                   |   |   |   |    |              |    |    |    |    |             |    |    |    |    |             |    |    |    |    |             |    |    |    |    |    |  |  |
| DATE RECEIVED                                                                                                                            |                     | RECEIVED FROM      |   |   |   |   |                                   |   |   |   |    |              |    |    |    |    | DISPOSITION |    |    |    |    |             |    |    |    |    |             |    |    |    |    |    |  |  |
| REGISTRATION NUMBER                                                                                                                      |                     | ADMINISTRATION NO. |   |   |   |   | NOMENCLATURE                      |   |   |   |    |              |    |    |    |    | MODEL       |    |    |    |    | ASSIGNED TO |    |    |    |    |             |    |    |    |    |    |  |  |
| 5c1263                                                                                                                                   |                     | A-60               |   |   |   |   | TRK COO<br>Subsystem<br>HI 440831 |   |   |   |    |              |    |    |    |    | m3442       |    |    |    |    | CoA 14IECB  |    |    |    |    |             |    |    |    |    |    |  |  |
|                                                                                                                                          |                     | 1                  | 2 | 3 | 4 | 5 | 6                                 | 7 | 8 | 9 | 10 | 11           | 12 | 13 | 14 | 15 | 16          | 17 | 18 | 19 | 20 | 21          | 22 | 23 | 24 | 25 | 26          | 27 | 28 | 29 | 30 | 31 |  |  |

This portion is provided for convenience in typing the lower lines on BOTH SIDES.  
To be detached prior to placing in KARDEX or other visible-type file.

Figure 3-2. Sample of a completed DD Form 314 (Front side)

Legend for Figure 3-2:

Completion instructions by block title

Use either the blocks at the top or the bottom of the card.

Put the last two digits of the calendar year in the shaded box at the upper left or lower left of the card.

**Registration Number.** Enter the registration number, if the equipment has one assigned, or the serial number.

**Administration No.** Enter the equipment's administration number (bumper or locally assigned number). If the equipment does not have an assigned administration number (bumper or locally assigned number), pencil "none assigned" in this block.

**Nomenclature.**

a. Put the noun abbreviation in this block.

b. For equipment reported under AR 700-138, put the equipment category code (ECC) and line item number (LIN) under the noun. You will find ECCs in appendix B, Table B-18. LINs are in SB 700-20. Use the exact nomenclature format listed in AR 700-138.

c. If the item is a system or part of a subsystem, enter either "system" or "subsystem" as applicable.

**Model.** Enter the model number; for example, M1009. Use the exact model format listed in AR 700-138.

**Assigned To.** Enter the name of the unit or organization owning the

equipment. Pencil entry if the item is authorized for Operational Readiness Float (ORF).

**Remarks.**

a. In pencil, annotate any maintenance information that will be needed in the future or on the replacement form for the next year. This information may include service symbols, dates for current and next year, and warranty information. If the equipment is under warranty, print in pencil "Warranted Item" and the length of the warranty in miles, months, hours, or years. Your Warranty Control Office or Logistics Assistance Office can assist you with warranty data for specific pieces of equipment. Use it when filling out the DA Form 2407.

b. Antifreeze entries will be made in the Remarks Block for equipment under warranty or using commercial or arctic antifreeze. For additional information, see TB 750-651.

c. Cooling systems serviced with antifreeze, Mil-A-46153, require the degree of protection, the condition of the cooling system, and the use of antifreeze extender, Mil-A-53009, recorded in this block. See TB 750-651.

d. PMCS reference, PMCS time, and flight check data will be shown for all ATC equipment.

**Date Received.** Leave blank or use as needed locally.

**Received From.** Leave blank or use as needed locally.

**Disposition.** Leave blank or use as needed locally.

**Date Blocks.** Indicate services scheduled with pencil entries and services completed with ink pen entries.

**DD FORM 314** PREVIOUS EDITIONS OF THIS FORM MAY BE USED  
SCHEDULE AND RECORD

|                     | 1                                   | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10                 | 11            | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20                               | 21    | 22 | 23 | 24 | 25 | 26          | 27 | 28 | 29 | 30    | 31 |  |  |  |             |  |  |  |  |  |  |
|---------------------|-------------------------------------|---|---|---|---|---|---|---|---|--------------------|---------------|----|----|----|----|----|----|----|----|----------------------------------|-------|----|----|----|----|-------------|----|----|----|-------|----|--|--|--|-------------|--|--|--|--|--|--|
| REGISTRATION NUMBER | ADMINISTRATION NO.                  |   |   |   |   |   |   |   |   |                    | NOMENCLATURE  |    |    |    |    |    |    |    |    |                                  | MODEL |    |    |    |    | ASSIGNED TO |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| JAN                 |                                     |   |   |   |   |   |   |   |   |                    | O S S S S S S |    |    |    |    |    |    |    |    |                                  |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| FEB                 | O X X X X X X X X X X X X X X X X X |   |   |   |   |   |   |   |   |                    |               |    |    |    |    |    |    |    |    |                                  |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| MAR                 |                                     |   |   |   |   |   |   |   |   |                    |               |    |    |    |    |    |    |    |    |                                  |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| APR                 |                                     |   |   |   |   |   |   |   |   |                    |               |    |    |    |    |    |    |    |    |                                  |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| MAY                 |                                     |   |   |   |   |   |   |   |   |                    |               |    |    |    |    |    |    |    |    |                                  |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| JUN                 |                                     |   |   |   |   |   |   |   |   |                    |               |    |    |    |    |    |    |    |    |                                  |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| JUL                 |                                     |   |   |   |   |   |   |   |   |                    |               |    |    |    |    |    |    |    |    |                                  |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| AUG                 |                                     |   |   |   |   |   |   |   |   |                    |               |    |    |    |    |    |    |    |    |                                  |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| SEP                 |                                     |   |   |   |   |   |   |   |   |                    |               |    |    |    |    |    |    |    |    |                                  |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| OCT                 |                                     |   |   |   |   |   |   |   |   |                    |               |    |    |    |    |    |    |    |    |                                  |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| NOV                 |                                     |   |   |   |   |   |   |   |   |                    |               |    |    |    |    |    |    |    |    |                                  |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| DEC                 |                                     |   |   |   |   |   |   |   |   |                    |               |    |    |    |    |    |    |    |    |                                  |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| REMARKS             |                                     |   |   |   |   |   |   |   |   |                    |               |    |    |    |    |    |    |    |    |                                  |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| DATE RECEIVED       |                                     |   |   |   |   |   |   |   |   | RECEIVED FROM      |               |    |    |    |    |    |    |    |    | DISPOSITION                      |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| REGISTRATION NUMBER |                                     |   |   |   |   |   |   |   |   | ADMINISTRATION NO. |               |    |    |    |    |    |    |    |    | NOMENCLATURE                     |       |    |    |    |    |             |    |    |    | MODEL |    |  |  |  | ASSIGNED TO |  |  |  |  |  |  |
| 5C1263              |                                     |   |   |   |   |   |   |   |   | A-60               |               |    |    |    |    |    |    |    |    | TRKCGO<br>Subsystem<br>HE x40831 |       |    |    |    |    |             |    |    |    | M54A2 |    |  |  |  | COA 141ECB  |  |  |  |  |  |  |
| 23                  | 1                                   | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10                 | 11            | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20                               | 21    | 22 | 23 | 24 | 25 | 26          | 27 | 28 | 29 | 30    | 31 |  |  |  |             |  |  |  |  |  |  |

This portion is provided for convenience in typing the lower lines on BOTH SIDES.

To be detached prior to placing in KARDEX or other visible-type file.

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Figure 3-3. Sample of a completed DD Form 314 (Reverse side)

Legend for Figure 3-3:

*Completion instructions by block title*

Use either the blocks at the top or the bottom of the card.

Put the last two digits of the calendar year in the shaded box at the upper left or lower left of the card.

**Registration Number.** Enter the registration number, if the equipment has one assigned, or the serial number.

**Administration No.** Enter the equipment's administration number (bumper or locally assigned number). If the equipment does not have an assigned administration number (bumper or locally assigned number), pencil "none assigned" in this block.

**Nomenclature.**

- Put the noun abbreviation in this block.
- For equipment reported under AR 700-138, put the equipment category code (ECC) and line item number (LIN) under the noun. You will find ECCs in appendix B, Table B-18. LINs are in SB 700-20. Use the exact nomenclature format listed in AR 700-138.
- If the item is a system or part of a subsystem, enter either "system" or "subsystem" as applicable.

**Model.** Enter the model number; for example, M1009. Use the exact model format listed in AR 700-138.

**Assigned To.** Enter the name of the unit or organization owning the

equipment. Pencil entry if the item is authorized for Operational Readiness Float (ORF).

**Remarks.**

a. For equipment reported under AR 700-138, Tables B-1 and B-2, note any NMCM/NMCS time reported as totals by support maintenance. (When support gives you a day-by-day breakout of NMC time, mark the days in the date block.)

b. For equipment with hourmeters or odometers, show the total time of miles on the equipment at the last meter change. For example, "Odometer replaced at 23,169 miles, new reading 0 (zero) miles" or "Hourmeter replaced at 1,327 hours. New reading 5 hours." The "replaced at" number is the total (cumulative) hours or miles on the equipment at the time the meter was replaced. The "new reading" number is the hours or miles on the new meter when you put it on the equipment. The "replaced at" and "new reading" numbers will be in pencil. When you next replace the meter, add the usage from the meter you're replacing to the "replaced at" figure, and show any miles or hours on the new meter. This information is needed for the DA Form 2408-9 Usage report and others.

**Date Received.** Leave blank or use as needed locally.

**Received From.** Leave blank or use as needed locally.

**Disposition.** Leave blank or use as needed locally.

**Date Blocks.** Show day-by-day breakout of NMC time. Mark the days in the date block.

**DD FORM 314**  
1 DEC 59  
PREVIOUS EDITIONS OF THIS FORM MAY BE USED  
PREVENTIVE MAINTENANCE  
SCHEDULE AND RECORD

|                                                                          | 1                  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10                 | 11           | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20                             | 21    | 22 | 23 | 24 | 25 | 26          | 27 | 28 | 29 | 30    | 31 |  |  |  |             |  |  |  |  |  |  |
|--------------------------------------------------------------------------|--------------------|---|---|---|---|---|---|---|---|--------------------|--------------|----|----|----|----|----|----|----|----|--------------------------------|-------|----|----|----|----|-------------|----|----|----|-------|----|--|--|--|-------------|--|--|--|--|--|--|
| REGISTRATION NUMBER                                                      | ADMINISTRATION NO. |   |   |   |   |   |   |   |   |                    | NOMENCLATURE |    |    |    |    |    |    |    |    |                                | MODEL |    |    |    |    | ASSIGNED TO |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| JAN                                                                      |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| FEB                                                                      |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| MAR                                                                      |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| APR                                                                      |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| MAY                                                                      |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| JUN                                                                      |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| JUL                                                                      |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| AUG                                                                      |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| SEP                                                                      |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| OCT                                                                      |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| NOV                                                                      |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| DEC                                                                      |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| REMARKS<br>Pump Ser # 421565<br>Tank Ser # 124798<br>Heater Ser # 455531 |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| DATE RECEIVED                                                            |                    |   |   |   |   |   |   |   |   | RECEIVED FROM      |              |    |    |    |    |    |    |    |    | DISPOSITION                    |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| REGISTRATION NUMBER                                                      |                    |   |   |   |   |   |   |   |   | ADMINISTRATION NO. |              |    |    |    |    |    |    |    |    | NOMENCLATURE                   |       |    |    |    |    |             |    |    |    | MODEL |    |  |  |  | ASSIGNED TO |  |  |  |  |  |  |
| See Remarks                                                              |                    |   |   |   |   |   |   |   |   | A-60               |              |    |    |    |    |    |    |    |    | Decon Appt System<br>SN FB1880 |       |    |    |    |    |             |    |    |    | M12A1 |    |  |  |  | Co A 141ECB |  |  |  |  |  |  |
| 13                                                                       | 1                  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10                 | 11           | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20                             | 21    | 22 | 23 | 24 | 25 | 26          | 27 | 28 | 29 | 30    | 31 |  |  |  |             |  |  |  |  |  |  |

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\*U.S. GPO: 1989-252-101

Figure 3-4. Sample of a completed DD Form 314 Front Side (System)

**DD FORM 314**  
1 DEC 83  
PREVIOUS EDITIONS OF PREVENTIVE MAINTENANCE SCHEDULE AND RECORD

|                                                                                 | 1                  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10                 | 11           | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20                                 | 21    | 22 | 23 | 24 | 25 | 26          | 27 | 28 | 29 | 30    | 31 |  |  |  |             |  |  |  |  |  |  |
|---------------------------------------------------------------------------------|--------------------|---|---|---|---|---|---|---|---|--------------------|--------------|----|----|----|----|----|----|----|----|------------------------------------|-------|----|----|----|----|-------------|----|----|----|-------|----|--|--|--|-------------|--|--|--|--|--|--|
| REGISTRATION NUMBER                                                             | ADMINISTRATION NO. |   |   |   |   |   |   |   |   |                    | NOMENCLATURE |    |    |    |    |    |    |    |    |                                    | MODEL |    |    |    |    | ASSIGNED TO |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| JAN                                                                             |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                    |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| FEB                                                                             |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                    |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| MAR                                                                             | X                  |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                    |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| APR                                                                             |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                    |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| MAY                                                                             |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                    |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| JUN                                                                             |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                    |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| JUL                                                                             |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                    |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| AUG                                                                             |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                    |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| SEP                                                                             |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                    |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| OCT                                                                             |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                    |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| NOV                                                                             |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                    |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| DEC                                                                             |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                    |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| <b>REMARKS</b><br>Pump Ser # 421565<br>Tank Ser # 124798<br>Heater Ser # 455531 |                    |   |   |   |   |   |   |   |   |                    |              |    |    |    |    |    |    |    |    |                                    |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| DATE RECEIVED                                                                   |                    |   |   |   |   |   |   |   |   | RECEIVED FROM      |              |    |    |    |    |    |    |    |    | DISPOSITION                        |       |    |    |    |    |             |    |    |    |       |    |  |  |  |             |  |  |  |  |  |  |
| REGISTRATION NUMBER                                                             |                    |   |   |   |   |   |   |   |   | ADMINISTRATION NO. |              |    |    |    |    |    |    |    |    | NOMENCLATURE                       |       |    |    |    |    |             |    |    |    | MODEL |    |  |  |  | ASSIGNED TO |  |  |  |  |  |  |
| See Remarks                                                                     |                    |   |   |   |   |   |   |   |   | A-60               |              |    |    |    |    |    |    |    |    | Decon Appr<br>System<br>ECC FS1890 |       |    |    |    |    |             |    |    |    | M12A1 |    |  |  |  | C. A MIECB  |  |  |  |  |  |  |

This portion is provided for convenience in typing the lower lines on BOTH SIDES.

To be detached prior to placing in KARDEX or other visible-type file.

\*U. S. GPO: 1989-252-101

Figure 3-5. Sample of a completed DD Form 314 Reverse Side (System)

Legend for Figure 3-5:

*Completion instructions by block title*

Put the last two digits of the calendar year in the shaded box at the upper left or lower left of the card.

**Registration Number.** Leave blank.

**Administration No.** Leave blank or use as needed locally.

**Nomenclature.**

a. Enter the noun abbreviation of the primary item of the system (for example, TRK CGO 1 1/4 T), and the word "System" under it.

b. Put the ECC and LIN of the primary item in the system beside the word "System." AR 700-138 tells you what the primary item in the system is, its noun abbreviation, ECC, and LIN.

**Model.** Leave blank.

**Assigned To.** Enter the name of the unit or organization owning the

equipment. Pencil entry if the item is authorized for Operational Readiness Float (ORF).

**Remarks.**

a. List each subsystem in the system. AR 700-138 tells you what the subsystems are. Put the serial number or other identifying number in pencil beside the subsystem.

b. NMC time for all subsystems will be combined.

c. A system DD 314 is needed only to combine NMC time on equipment reported as a system. Those items are listed in AR 700-138, Tables B-1 and B-2.

**Date Received.** Leave blank or use as needed locally.

**Received From.** Leave blank or use as needed locally.

**Disposition.** Leave blank or use as needed locally.

**Date Blocks.** Show day-by-day breakout of NMC time for system. Mark the days in the date block.

**DD FORM 314**  
1 DEC 73  
PREVIOUS EDITIONS OF THIS FORM MAY BE USED  
PREVENTIVE MAINTENANCE SCHEDULE AND RECORD

|                     | 1                                                                                                                                                                                                                                                                                     | 2 | 3 | 4 | 5                  | 6 | 7 | 8 | 9             | 10 | 11 | 12 | 13          | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21       | 22 | 23             | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |  |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|--------------------|---|---|---|---------------|----|----|----|-------------|----|----|----|----|----|----|----|----------|----|----------------|----|----|----|----|----|----|----|----|--|
| REGISTRATION NUMBER |                                                                                                                                                                                                                                                                                       |   |   |   | ADMINISTRATION NO. |   |   |   | NOMENCLATURE  |    |    |    |             |    |    |    |    |    |    |    | MODEL    |    | ASSIGNED TO    |    |    |    |    |    |    |    |    |  |
| JAN                 |                                                                                                                                                                                                                                                                                       |   |   |   |                    |   |   |   |               |    |    |    |             |    |    |    |    |    |    |    |          |    |                |    |    |    |    |    |    |    |    |  |
| FEB                 |                                                                                                                                                                                                                                                                                       |   |   |   |                    |   |   |   |               |    |    |    |             |    |    |    | Q  |    |    |    |          |    |                |    |    |    |    |    |    |    |    |  |
| MAR                 |                                                                                                                                                                                                                                                                                       |   |   |   |                    |   |   |   |               |    |    |    |             |    |    |    |    |    |    |    |          |    |                |    |    |    |    |    |    |    |    |  |
| APR                 |                                                                                                                                                                                                                                                                                       |   |   |   |                    |   |   |   |               |    |    |    |             |    |    |    |    |    |    |    |          |    |                |    |    |    |    |    |    |    |    |  |
| MAY                 |                                                                                                                                                                                                                                                                                       |   |   |   |                    |   |   |   |               |    |    |    |             |    |    | Q  |    |    |    |    |          |    |                |    |    |    |    |    |    |    |    |  |
| JUN                 |                                                                                                                                                                                                                                                                                       |   |   |   |                    |   |   |   |               |    |    |    |             |    |    |    |    |    |    |    |          |    |                |    |    |    |    |    |    |    |    |  |
| JUL                 |                                                                                                                                                                                                                                                                                       |   |   |   |                    |   |   |   |               |    |    |    |             |    |    |    |    |    |    |    |          |    |                |    |    |    |    |    |    |    |    |  |
| AUG                 |                                                                                                                                                                                                                                                                                       |   |   |   |                    |   |   |   |               |    |    |    |             |    |    | Q  |    |    |    |    |          |    |                |    |    |    |    |    |    |    |    |  |
| SEP                 |                                                                                                                                                                                                                                                                                       |   |   |   |                    |   |   |   |               |    |    |    |             |    |    |    |    |    |    |    |          |    |                |    |    |    |    |    |    |    |    |  |
| OCT                 |                                                                                                                                                                                                                                                                                       |   |   |   |                    |   |   |   |               |    |    |    |             |    |    |    |    |    |    |    |          |    |                |    |    |    |    |    |    |    |    |  |
| NOV                 |                                                                                                                                                                                                                                                                                       |   |   |   |                    |   |   |   |               |    |    |    |             |    |    |    |    |    |    |    |          |    |                |    |    |    |    |    |    |    |    |  |
| DEC                 |                                                                                                                                                                                                                                                                                       |   |   |   |                    |   |   |   |               |    |    |    |             |    |    |    |    |    |    |    |          |    |                |    |    |    |    |    |    |    |    |  |
| REMARKS             | 1. 47980      6. 32168      11. 79351      16. 56215<br>2. 47988      7. 32125      12. 79210      17. 58172<br>3. 48023      8. 32562      13. 81215      18. 58612<br>4. 62379      9. 32698      14. 81315      19. 60210<br>5. 12348      10. 42168      15. 82510      20. 31528 |   |   |   |                    |   |   |   |               |    |    |    |             |    |    |    |    |    |    |    |          |    |                |    |    |    |    |    |    |    |    |  |
| DATE RECEIVED       | RECEIVED FROM                                                                                                                                                                                                                                                                         |   |   |   |                    |   |   |   |               |    |    |    | DISPOSITION |    |    |    |    |    |    |    |          |    |                |    |    |    |    |    |    |    |    |  |
| REGISTRATION NUMBER |                                                                                                                                                                                                                                                                                       |   |   |   | ADMINISTRATION NO. |   |   |   | NOMENCLATURE  |    |    |    |             |    |    |    |    |    |    |    | MODEL    |    | ASSIGNED TO    |    |    |    |    |    |    |    |    |  |
| See Remarks         |                                                                                                                                                                                                                                                                                       |   |   |   | Pistol # 1 - # 20  |   |   |   | Pistol cal 45 |    |    |    |             |    |    |    |    |    |    |    | M1911 A1 |    | B Co 50th S.G. |    |    |    |    |    |    |    |    |  |

Figure 3-6. Sample of a completed DD Form 314 to record more than one serial number

Legend for Figure 3-6:

*Completion instructions by block title*

Put the last two digits of the calendar year in the shaded box at the upper left or lower left of the card.

**Registration Number.** Enter "See Remarks".

**Administration No.** Enter the number of items being recorded in the Remarks block. (For example, Pistol # 1 - # 20).

**Nomenclature.** Enter the noun of the item.

**Model.** Enter the model number.

**Assigned To.** Enter the name of the unit or organization owning the equipment. Pencil entry if the item is authorized for Operational Readiness Float (ORF).

**Remarks.** When using the form to show services on more than one nonreportable item, serial numbers or administration numbers will be listed in ink in the Remarks block on the front side of the form. At the end of the year, the back side of the form will be used. The serial or administration numbers do not require recopying on the reverse side of the DD Form 314. Print "See Remarks Block Front Side" in the Remarks block. For ATC equipment, PMCS time will show total time required for performance of PMCS on all like items supported by the form.

**Date Received.** Leave blank or use as needed locally.

**Received From.** Leave blank or use as needed locally.

**Disposition.** Leave blank or use as needed locally.

[illegible]

[illegible]

**(2) Nomenclature and Model.**

- a. Enter the noun abbreviation and the model of the equipment.
- b. For watercraft, use the noun abbreviation and Hull Design Number.

**(3) Registration/Serial/NSN.**

- a. Enter the serial or registration number. Enter the NSN when no serial or registration number is available.
- b. For watercraft, enter the DA Hull Number.

**(4a) Miles.**

- a. When a deficiency or a shortcoming is found, enter the miles or kilometers on the equipment's odometer at the end of the day's dispatch or operation.
- b. Round to the nearest mile or kilometer. Put the letter "K" before the number if the reading is kilometers.
- c. Leave blank if the item does not have an odometer or if no faults are found.

**(4b) Hours.**

- a. When a deficiency or a shortcoming is found, enter the meter reading at the end of the day's dispatch or operation.
- b. Leave blank if hours do not apply to the equipment or if no faults are found.

**(4c) Rounds Fired.** Leave blank.**(4d) Hot Starts.** Leave blank.**(5) Date.** Enter the calendar date the deficiency or shortcoming was found.**(6) Type Inspection.** Enter "PMCS".

- a. Use the same DA Form 2404 for more than 1 day. If you find no faults during the BEFORE OPERATION checks in the PMCS, put the date in column c. If no faults are found DURING or AFTER OPERATION, initial in column e.
- b. When no faults are found, this form can be used for more than 1 day even if form was used for concurrent PMCSs, i.e., W/M. Just place the first letter of the type of PMCS performed (W/M) in column d, by that day's date in column c after the PMCS was performed.

**(7) TM Number and TM Date.**

- a. Enter the number and date of the PMCS TM. When two TMs cover an item, put the second TM number and date in the second number and date block.
- b. When the manual has changes, print "W/C" and the latest change number after the TM number. Then, put the latest change date in the TM date block.

**(8a) Signature.** When a deficiency or shortcoming is found, the operator or supervisor signs and enters rank. A signature in this block keeps the form from being used past current dispatch.**(8b) Time.** Leave blank or use as needed locally.**(9a) Signature.** Maintenance supervisor or the commander's designated representative will sign when corrective action is taken.**(9b) Time.** Leave blank or use as needed locally. For a missile system

and missile subsystems reported under AR 700-138, (chapter 4), enter the time when item was found to be NMC.

**(10) Man-Hours Required.** Leave blank or use as needed locally.**Column a. TM Item No.**

- a. Put the PMCS item number that applies to the fault listed in column c. If the PMCS has no item numbers, list the page, paragraph, or sequence number. Circle the number if the fault is listed in the "Equipment is not ready/available if" column or "Not Mission Capable if" column of the PMCS. If the PMCS has no ready/available or not mission capable column, circle the TM item number, page, or paragraph number of any fault that makes the equipment NMC.
- b. Pubs or TM sections other than PMCS may be required for safety faults or local dispatching. For example, AR 385-55 lists safety checks that may not be in the PMCS. Those faults will not be counted as NMC for the DA Form 2406 (Materiel Condition Status Report) unless they are in the PMCS "not ready" column or the "not mission capable" column. But, you will list them if you find a problem with one of them.
- c. For those faults not covered by the PMCS, leave this column blank.

**Column b. Status.** Enter the status symbol that applies to the fault or deficiency.

**Column c. Deficiencies and Shortcomings.**

- a. If you find a fault that can be repaired, stop the PMCS and correct the fault. Do not enter faults that have been repaired on the DA Form 2404. Continue the PMCS to make sure no other faults exist.
- b. Briefly describe the fault. Skip one or two lines between faults. This will give maintenance room to note actions they take.
- c. When more than one TM covers the equipment, draw a line under the last entry for one TM. Under the line, write the TM number of the manual you will use next. After you finish the PMCS and list all faults you cannot fix, give the form to the maintenance supervisor.
- d. When using one DA Form 2404 for more than one item of equipment, enter the serial or administration number for the item with the fault. Write the fault on the line below the serial number.
- e. When you list faults not covered by the PMCS, add the pub that covers them; for example, SOP or AR 385-55.

**Column d. Corrective Action.** Explain corrective actions taken.

**Column e. Initial When Corrected.** The mechanic initials any faults that have been fixed. The initials will go on the last line for the entry in column d. The maintenance supervisor will review the faults corrected and those still not fixed to decide what other action is needed. For quality control, the inspector or a designated representative will check all corrected status symbol X faults. The inspector will then initial the status symbol.

| EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                        |          |                                                                                                                                                                                                                                                                                                                                                        |               |                                                                                           |                            | B-18 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------------|----------------------------|------|
| For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                        |          |                                                                                                                                                                                                                                                                                                                                                        |               |                                                                                           |                            |      |
| 1. ORGANIZATION<br>B Co 214 <sup>th</sup> Ayn                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |          | 2. NOMENCLATURE AND MODEL<br>Trk Cgo 1/4 T m1608                                                                                                                                                                                                                                                                                                       |               |                                                                                           |                            |      |
| 3. REGISTRATION/SERIAL/NNN<br>345678                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 4. MILES<br>18310      | 5. HOURS | 6. ROUNDS FIRED                                                                                                                                                                                                                                                                                                                                        | 7. HOT STARTS | 8. DATE<br>5 Jan 92                                                                       | 9. TYPE INSPECTION<br>Pmcs |      |
| APPLICABLE REFERENCE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                        |          |                                                                                                                                                                                                                                                                                                                                                        |               |                                                                                           |                            |      |
| TM NUMBER<br>Tm 9-2326-289-14 w/c 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | TM DATE<br>Jul 86      |          | TM NUMBER                                                                                                                                                                                                                                                                                                                                              |               | TM DATE                                                                                   |                            |      |
| COLUMN a - Enter TM item number.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                        |          | COLUMN d - Show corrective action for deficiency or shortcoming listed in Column c.                                                                                                                                                                                                                                                                    |               |                                                                                           |                            |      |
| COLUMN b - Enter the applicable condition status symbol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                        |          | COLUMN e - Individual ascertaining completed corrective action initial in this column.                                                                                                                                                                                                                                                                 |               |                                                                                           |                            |      |
| COLUMN c - Enter deficiencies and shortcomings.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                        |          |                                                                                                                                                                                                                                                                                                                                                        |               |                                                                                           |                            |      |
| STATUS SYMBOLS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                        |          |                                                                                                                                                                                                                                                                                                                                                        |               |                                                                                           |                            |      |
| <p>"X"-Indicates a deficiency in the equipment that places it in an inoperable status.</p> <p>CIRCLED "X"-Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished.</p> <p>HORIZONTAL DASH "-" Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.</p> |  |                        |          | <p>DIAGONAL "/" Indicates a materiel defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.</p> <p>LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL Indicates that a completely satisfactory condition exists.</p> <p>FOR AIRCRAFT Status symbols will be recorded in red.</p> |               |                                                                                           |                            |      |
| ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.                                                                                                                                                                                                                                                                                                                                                                    |  |                        |          |                                                                                                                                                                                                                                                                                                                                                        |               |                                                                                           |                            |      |
| Signature (Person(s) performing inspection)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                        |          | Signature (Maintenance Supervisor)                                                                                                                                                                                                                                                                                                                     |               | Signature (Inspector)                                                                     |                            |      |
| SPC Mark Hauke                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                        |          | Robert W. Potter 1/5                                                                                                                                                                                                                                                                                                                                   |               |                                                                                           |                            |      |
| TIME WHEN CORRECTED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | INITIAL WHEN CORRECTED |          | MANHOURS REQUIRED                                                                                                                                                                                                                                                                                                                                      |               |                                                                                           |                            |      |
| 59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | X                      |          | transfer will not shift to low                                                                                                                                                                                                                                                                                                                         |               | Cleared for limited operation to transfer vehicle to support maintenance on 5 Jan 92 RWP. |                            |      |
| 59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | X                      |          | transfer will not shift to low.                                                                                                                                                                                                                                                                                                                        |               |                                                                                           |                            |      |

**(2) Nomenclature and Model.**

- a. Enter the noun abbreviation and the model of the equipment.
- b. For watercraft, use the noun abbreviation and Hull Design Number.

**(3) Registration/Serial/NSN.**

- a. Enter the serial or registration number. Enter the NSN when no serial or registration number is available.
- b. For watercraft, enter the DA Hull Number.

**(4a) Miles.**

- a. When a deficiency or a shortcoming is found, enter the miles or kilometers on the equipment's odometer at the end of the day's dispatch or operation.
- b. Round to the nearest mile or kilometer. Put the letter "K" if the reading is kilometers.
- c. Leave blank if the item does not have an odometer or if no faults are found.

**(4b) Hours.**

- a. When a deficiency or a shortcoming is found, enter the meter reading at the end of the day's dispatch or operation.
- b. Leave blank if hours do not apply to the equipment or if no faults are found.

**(4c) Rounds Fired.** Leave blank.**(4d) Hot Starts.** Leave blank.**(5) Date.** Enter the calendar date the deficiency or shortcoming was found.**(6) Type Inspection.** Enter "PMCS".

- a. Use the same DA Form 2404 for more than 1 day. If you find no faults during the BEFORE OPERATION checks in the PMCS, put the date in column c. If no faults are found DURING or AFTER OPERATION, initial in column e.
- b. When no faults are found, this form can be used for more than 1 day even if the form was used for concurrent PMCSs, i.e., W/M. Just place the first letter of the type of PMCS performed (W/M) in column d, by that day's date in column c.

**(7) TM Number and TM Date.**

- a. Enter the number and date of the PMCS TM. When two TMs cover an item, put the second TM number and date in the second number and date block.
- b. When the manual has changes, print "W/C" and the latest change number after the TM number. Then, put the latest change date in the TM date block.

**(8a) Signature.** When a deficiency or shortcoming is found, the operator or supervisor signs and enters rank. A signature in this block keeps the form from being used past the current dispatch.

**(8b) Time.** Leave blank or use as needed locally.

**(9a) Signature.** The commander or the commander's designated representative will sign name and rank when making a status symbol change or changing from an X to a CIRCLED X status symbol for one time operation.

**(9b) Time.** Leave blank or use as needed locally. For missile system and missile subsystems reported under AR 700-138, (chapter 4), enter the time when item was found to be NMC.

**(10) Man-Hours Required.** Leave blank or use as needed locally.

**Column a. TM Item Number.**

- a. Put the TM item number that applies to the fault listed in column c.

If the PMCS has no item numbers, list the page, paragraph, or sequence number. Circle the number if the fault is listed in the "Equipment not ready/available if" column or "Not Mission Capable if" column of the PMCS. If the PMCS has no ready/available or not mission capable column, circle the TM item number, page, or paragraph number of any fault that makes the equipment NMC.

b. Pubs or TM sections other than PMCS may be required for safety faults or local dispatching. For example, AR 385-55 lists safety checks that may not be in the PMCS. Those faults will not be counted as NMC for the Materiel Condition Status Report (MCSR) unless they are in the PMCS "not ready" column or the "not mission capable" column. But, you will list them if you find a problem with one of them.

c. For those faults not covered by the PMCS, leave this column blank.

**Column b. Status.** Repair of status symbol X faults cannot be postponed or delayed, but they may be changed to a CIRCLED X status symbol for limited operation. The commander or the commander's designated representative may change an X status symbol fault to a CIRCLED X status symbol. Changing of status symbols should only be done when the equipment is crucial to the mission. No X status symbol faults will be changed to a CIRCLED X if it endangers the operator/crew or causes further damage to the equipment. CIRCLED X conditions will be for one time operation or mission. (Common sense must be used.)

**Column c. Deficiencies and Shortcomings.**

- a. If you find a fault that can be repaired, stop the PMCS and correct the fault. Do not enter faults that have been repaired on the DA Form 2404. Continue the PMCS to make sure no other faults exist.
- b. Briefly describe the fault. Skip one or two lines between faults. This will give maintenance room to note actions taken.
- c. When more than one TM covers the equipment, draw a line under the last entry for one TM. Under the line, write the TM number of the manual you will use next. After you finish the PMCS and list all faults you cannot fix, give the form to the maintenance supervisor.

**Column d. Corrective Action.**

- a. Print "Cleared for limited operations," and the specific limits under which the equipment can be operated. For example, limits may involve speed, type of mission, distance, weather, or time. The change may affect a subsystem of a system listed in AR 700-138. If so, make sure the limits include the part of the mission the system can no longer do.
- b. Deficiencies changed to a CIRCLED X will return to an X status symbol at the end of the day or mission.
- c. Equipment cleared for limited operations will still be carried as NMC for the DA Form 2406, DA Form 3266-2R, and the DD Form 314.
- d. When a deficiency is corrected immediately or changed to a CIRCLED X, entries in blocks 4 and 5 will be made at the end of the dispatch or operation.

**Column e. Initial When Corrected.**

- a. The commander or the commander's designated representative initials for limited operation entries.
- b. The person taking the action or transferring the document/NSN initials other entries.
- c. The initials will go on the last line of the entry.



**(2) Nomenclature and Model.**

- a. Enter the noun abbreviation and the model of the equipment.
- b. For watercraft, use the noun abbreviation and Hull Design Number.

**(3) Registration/Serial/NSN.**

- a. Enter the serial or registration number. Enter the NSN when no serial number or registration number is available.
- b. For watercraft, enter the DA hull number.
- c. For more than one item, leave blank.

**(4a) Miles.**

- a. When a deficiency or a shortcoming is found, enter the miles or kilometers on the equipment's odometer at the end of the day's dispatch or operation.
- b. Round to the nearest mile or kilometer. Put the letter "K" before the number if the reading is in kilometers.
- c. Leave blank if the item does not have an odometer or if no faults are found.

**(4b) Hours.**

- a. When a deficiency or a shortcoming is found, enter the meter reading at the end of the day's dispatch or operation.
- b. Leave blank if hours do not apply to the equipment or if no faults are found.

**(4c) Rounds Fired.** Leave blank.**(4d) Hot Starts.** Leave blank.**(5) Date.** Enter the calendar date the service is performed.**(6) Type Inspection.**

- a. Enter the type of inspection or service to be done (lubrication, monthly, quarterly, semiannual, etc.).
- b. When doing more than one inspection or service at the same time, put the service symbols in block 6 (L/S, etc.).

**(7) TM Number and TM Date.**

- a. Enter the number and date of the PMCS TM. When two TMs cover an item, put the second TM number and date in the second number and date block.
- b. When the manual has changes, print "W/C" and the latest change number after the TM number. Then, put the latest change date in the TM date block.

**(8a) Signature.** Personnel performing service/ inspection signs and enters rank after inspection is completed.**(8b) Time.** Leave blank or use as needed locally.**(9a) Signature.** The maintenance supervisor or the commander's designated representative signs name and rank after service/inspection is completed.**(9b) Time.** Leave blank or use as needed locally. For missile systems and missile subsystems items reported under AR 700-138, (Chapter 4), enter the time when item was found to be NMC.**(10) Man-Hours Required.** Leave blank or use as needed locally.**Column a. TM Item Number.**

- a. Put the PMCS item number that applies to the fault listed in column c.
- b. If the PMCS has no item numbers, list the page, paragraph, or

sequence number. Circle the number if the fault is listed in the "Equipment not ready/ available" column or "Not Mission Capable" column of the PMCS. If the PMCS has no ready/available or not mission capable column, circle the TM item number, page, or paragraph number of any fault that makes the equipment NMC.

- b. Pubs or TM sections other than PMCS may be required for safety faults or local dispatching. For example, AR 385-55 lists safety checks that may not be in the PMCS. Those faults will not be counted as NMC for the DA Form 2406 unless they are listed in the PMCS "not ready" column or the "not mission capable" column. But you will list them if you find a problem with one of them.

- c. For those faults not covered by the PMCS, leave this column blank.

**Column b. Status.** Enter the status symbol that applies to the fault or deficiency.

**Column c. Deficiencies and Shortcomings.**

- a. If you find a fault that can be repaired, stop the PMCS and correct the fault. Do not enter faults on the DA Form 2404 that you have repaired. Continue the PMCS to ensure no other faults exist.

- b. Briefly describe uncorrected faults.

**Column d. Corrective Action.**

- a. Explain corrective action taken.
- b. For equipment needing a DA Form 2409, note repair work done and parts replaced. Put that information on the DA Form 2409. Print "DA Form 2409" in column d for those items.
- c. If parts are needed, the PLL clerk will order them and enter the document numbers.
- d. Faults that need support maintenance will go on a DA Form 2407. Print "DA Form 2407 (SPT)" in column d.
- e. The commander's designated representative will decide what maintenance can be delayed. Faults that do not affect the operation of the equipment and the operator's safety can be deferred because:
  - (1) Support is backed up and cannot get to the equipment right away.
  - (2) The needed repair part is not on hand.
  - (3) Other reasons at the CO's discretion.
- f. Faults that the commander's designated representative decides to defer go on the DA Form 2408-14. Print "DA Form 2408-14" in column d for those items.

**Column e. Initial When Corrected.**

- a. The person taking the action or transferring the information initials other entries.
- b. The initials will go on the last line of the entry.
- c. For quality control, the inspector or commander's designated representative will check all corrected status symbol X faults to ensure proper repairs have been completed. If properly repaired, the inspector or the commander's designated representative will initial the status symbol.



b. For watercraft, use the noun abbreviation and Hull Design Number.

**(3) Registration/Serial/NSN.**

a. Enter the serial or registration number. Enter the NSN when no serial number or registration number is available.

b. For watercraft, enter the DA hull number.

c. For more than one item, leave blank.

**(4a) Miles.**

a. When a deficiency or a shortcoming is found, enter the miles or kilometers on the equipment's odometer at the end of the day's dispatch or operation.

b. Round to the nearest mile or kilometer. Put the letter "K" before the number if the reading is in kilometers.

c. Leave blank if the item does not have an odometer or if no faults are found.

**(4b) Hours.**

a. When a deficiency or a shortcoming is found, enter the meter reading at the end of the day's dispatch or operation.

b. Leave blank if hours do not apply to the equipment or if no faults are found.

**(4c) Rounds Fired.** Leave blank.

**(4d) Hot Starts.** Leave blank.

**(5) Date.** Enter the calendar date the service is performed or the shortcoming was found.

**(6) Type Inspection.**

a. Enter the type of inspection or service to be done (lubrication, monthly, quarterly, semiannual, etc.).

b. When doing more than one inspection or service at the same time, put the service symbols in block 6 (L/S, etc.).

**(7) TM Number and TM Date.**

a. Enter the number and date of the PMCS TM. When two TMs cover an item, put the second TM number and date in the second TM number and date block.

b. When the manual has changes, print "W/C" and the latest change number after the TM number. Then, put the latest change date in TM date block.

**(8a) Signature.** Personnel performing service/inspection signs and enters rank after inspection is completed.

**(8b) Time.** Leave blank or use as needed locally.

**(9a) Signature.** The maintenance supervisor or the commander's designated representative signs name and rank after service/ inspection is completed.

**(9b) Time.** Leave blank or use as needed locally. For missile systems or missile subsystem items reported under AR 700-138, (Chapter 4), enter the time when item was found to be NMC.

**(10) Man-Hours Required.** Leave blank or use as needed locally.

**Column a. TM Item Number.**

a. Put the PMCS item number that applies to the fault listed in column

c. If the PMCS has no item numbers, list the page, paragraph, or sequence number. Circle the number if the fault is listed in the "Equipment not ready/ available" column or "Not Mission Capable" column of the PMCS. If the PMCS has no ready/available or not mission capable

column, circle the TM item number, page, or paragraph number of any fault that makes the equipment NMC.

b. Pubs or TM sections other than PMCS may be required for safety faults or local dispatching. For example, AR 385-55 lists safety checks that may not be in the PMCS. Those faults will not be counted as NMC for the DA Form 2406 unless they are listed in the PMCS "not ready" column or the "not mission capable" column. But, you will list them if you find a problem with one of them.

c. For those faults not covered by the PMCS, leave this column blank.

**Column b. Status.** Enter the status symbol that applies to the fault or deficiency.

**Column c. Deficiencies and Shortcomings.**

a. When using one DA Form 2404 for more than one item of equipment, enter the serial or administration number for the item with the fault. Write the fault on the line below the serial or administration number.

b. If you find a fault that can be repaired, stop the PMCS and correct the fault. Do not enter faults on the DA Form 2404 that you have repaired. Continue the PMCS to ensure that no other faults exist.

c. Briefly describe uncorrected faults.

**Column d. Corrective Action.**

a. Explain corrective action taken.

b. For equipment needing a DA Form 2409, note repair work done and parts replaced. Put that information on the DA Form 2409. Print "DA Form 2409" in column d for those items.

c. If parts are needed, the PLL clerk will order them and enter the document numbers.

d. Faults that need support maintenance will go on a DA Form 2407. Print "DA Form 2407 (SPT)" in column d.

e. The commander's designated representative will decide what maintenance can be delayed. Faults that do not affect the operation of the equipment and the operator's safety can be deferred because:

(1) Support is backed up and cannot get to the equipment right away.

(2) The needed repair part is not on hand.

(3) Other reasons at the commander's discretion.

f. Faults that the commander's designated representative decides to defer go on the DA Form 2408-14. Print "DA Form 2408-14" in column d for those items.

**Column e. Initial When Corrected.**

a. The person taking the action or transferring the information initials other entries.

b. The initials will go on the last line of the entry.

c. For quality control, the inspector or commander's designated representative will check all corrected status symbol "X" faults to ensure proper repairs have been completed. If properly repaired, the inspector or the commander's designated representative will initial the status symbol.



**(2) Nomenclature and Model.**

- a. Enter the noun abbreviation and the model of the equipment.
- b. For watercraft, use the noun abbreviation and Hull Design Number.

**(3) Registration/Serial/NSN.**

- a. Enter the serial or registration number. Enter the NSN when no serial or registration number is available.
- b. For watercraft, enter the DA Hull Number.

**(4a) Miles.**

- a. Enter the miles or kilometers on the equipment's odometer as of the date in block 5.
- b. Round to the nearest mile or kilometer. Put the letter "K" before the number if the reading is kilometers.
- c. Leave blank if the item does not have an odometer.

**(4b) Hours.**

- a. Enter the meter reading in hours as of the date in block 5.
- b. Leave blank if hours do not apply to the equipment.

**(4c) Rounds Fired.** Leave blank.**(4d) Hot Starts.** Leave blank.**(5) Date.** Enter the calendar date.**(6) Type Inspection.** Enter the letters "BDAR."**(7) TM Number and TM Date.**

- a. Enter the number and date of the PMCS TM. When two TMs cover an item, put the second TM number and date in the second TM number and date block.

- b. When the manual has changes, print "W/C" and the latest change number after the TM number. Then, put the latest change date in the TM date block.

**(8a) Signature.** When the repair or replacement has been accomplished, the person doing the job will sign name and enter rank.

**(8b) Time.** Leave blank or use as needed locally.

**(9a) Signature.** The maintenance supervisor or the commander's designated representative will sign name and rank. This is to ensure that when corrective actions are taken, no safety faults still exist that would endanger the operator or cause further damage to the equipment.

**(9b) Time.** Leave blank or use as needed locally.

**(10) Man-Hours Required.** Leave blank or use as needed locally.

**Column a. TM Item Number.** Leave blank.

**Column b. Status.** Leave blank.

**Column c. Deficiencies and Shortcomings.**

a. Briefly describe the fault.

b. If more than one deficiency or shortcoming is noted, leave enough room between entries to allow for corrective action taken to be annotated.

**Column d. Corrective Action.** Explain actions taken to correct or repair the fault. Note any parts replaced, parts ordered, and work done.

**Column e. Initial When Corrected.** The person taking the action initials here.

| EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |                                       |                   |           |                                                                                                                                                                                                                                                                                                                                                           |                                |  |                            |                   |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------------------------------|-------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--|----------------------------|-------------------|--|
| For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |                                       |                   |           |                                                                                                                                                                                                                                                                                                                                                           |                                |  |                            |                   |  |
| 1. ORGANIZATION<br>B Co 214 <sup>th</sup> Avn                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |                                       |                   |           | 2. NOMENCLATURE AND MODEL<br>Trk Cgo 1/4T m888                                                                                                                                                                                                                                                                                                            |                                |  |                            |                   |  |
| 3. REGISTRATION/SERIAL/NSN<br>890123                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        | 4a. MILES<br>23910                    |                   | 4b. HOURS |                                                                                                                                                                                                                                                                                                                                                           | 4c. ROUNDS FIRED               |  | 4d. HOT STARTS             |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                                       |                   |           |                                                                                                                                                                                                                                                                                                                                                           | 5. DATE<br>11 Nov 92           |  | 6. TYPE INSPECTION<br>ECOD |                   |  |
| 7. APPLICABLE REFERENCE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |                                       |                   |           |                                                                                                                                                                                                                                                                                                                                                           |                                |  |                            |                   |  |
| TM NUMBER<br>Tm 9-2320-289-20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |                                       | TM DATE<br>Jan 88 |           |                                                                                                                                                                                                                                                                                                                                                           | TM NUMBER<br>Tm 9-2320-289-34P |  |                            | TM DATE<br>Jan 87 |  |
| COLUMN a - Enter TM item number.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |                                       |                   |           | COLUMN d - Show corrective action for deficiency or shortcoming listed in Column c.                                                                                                                                                                                                                                                                       |                                |  |                            |                   |  |
| COLUMN b - Enter the applicable condition status symbol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |                                       |                   |           | COLUMN e - Individual ascertaining completed corrective action initial in this column.                                                                                                                                                                                                                                                                    |                                |  |                            |                   |  |
| COLUMN c - Enter deficiencies and shortcomings.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                                       |                   |           |                                                                                                                                                                                                                                                                                                                                                           |                                |  |                            |                   |  |
| STATUS SYMBOLS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |                                       |                   |           |                                                                                                                                                                                                                                                                                                                                                           |                                |  |                            |                   |  |
| <p>"X"-Indicates a deficiency in the equipment that places it in an inoperable status.</p> <p>CIRCLED "X"-Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished.</p> <p>HORIZONTAL DASH "-" -Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.</p> |        |                                       |                   |           | <p>DIAGONAL "/" -Indicates a materiel defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.</p> <p>LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL-Indicates that a completely satisfactory condition exists.</p> <p>* FOR AIRCRAFT-Status symbols will be recorded in red.</p> |                                |  |                            |                   |  |
| ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.                                                                                                                                                                                                                                                                                                                                                                     |        |                                       |                   |           |                                                                                                                                                                                                                                                                                                                                                           |                                |  |                            |                   |  |
| 8a. SIGNATURE (Person(s) performing inspection)<br>John T. Usher, 56T<br>725 <sup>th</sup> Maint. Co.<br>75478                                                                                                                                                                                                                                                                                                                                                                                                                         |        |                                       | 8b. TIME          |           | 8c. SIGNATURE (Maintenance Supervisor)<br>Kevin Arbanas, 1LT<br>725 <sup>th</sup> Maint Co                                                                                                                                                                                                                                                                |                                |  | 8d. TIME                   |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                                       |                   |           |                                                                                                                                                                                                                                                                                                                                                           |                                |  | 9. MANHOURS REQUIRED       |                   |  |
| TM ITEM NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | STATUS | DEFICIENCIES AND SHORTCOMINGS         |                   |           |                                                                                                                                                                                                                                                                                                                                                           | CORRECTIVE ACTION              |  | INITIAL WHEN CORRECTED     |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | STEP 1 | Technical Inspection                  |                   |           |                                                                                                                                                                                                                                                                                                                                                           |                                |  |                            |                   |  |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | /      | tailgate crushed                      |                   |           |                                                                                                                                                                                                                                                                                                                                                           | replace                        |  | 2.0                        |                   |  |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | /      | rear bumper bent                      |                   |           |                                                                                                                                                                                                                                                                                                                                                           | repair                         |  | 1.5                        |                   |  |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | /      | R/s rear corner panel bent            |                   |           |                                                                                                                                                                                                                                                                                                                                                           | replace                        |  | 1.5                        |                   |  |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | /      | left rear panel bent                  |                   |           |                                                                                                                                                                                                                                                                                                                                                           | replace                        |  | 1.5                        |                   |  |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | /      | left outer side panel bent            |                   |           |                                                                                                                                                                                                                                                                                                                                                           | replace                        |  | 1.5                        |                   |  |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | /      | L/s tail light assy. broken           |                   |           |                                                                                                                                                                                                                                                                                                                                                           | replace                        |  | 1.0                        |                   |  |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | /      | R/s tail light assy. broken           |                   |           |                                                                                                                                                                                                                                                                                                                                                           | replace                        |  | 1.0                        |                   |  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | /      | R/s rail assy. bent                   |                   |           |                                                                                                                                                                                                                                                                                                                                                           | replace                        |  | 2.0                        |                   |  |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | /      | L/s rail assy. torn                   |                   |           |                                                                                                                                                                                                                                                                                                                                                           | replace                        |  | 2.0                        |                   |  |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | /      | tailgate rail assy. bent              |                   |           |                                                                                                                                                                                                                                                                                                                                                           | replace                        |  | 2.5                        |                   |  |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | /      | L/s door shell bent                   |                   |           |                                                                                                                                                                                                                                                                                                                                                           | replace                        |  | 3.5                        |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2      | Date of Manufacture:                  |                   |           |                                                                                                                                                                                                                                                                                                                                                           | 1978                           |  |                            |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3      | Time Since New                        |                   |           |                                                                                                                                                                                                                                                                                                                                                           | 32,611 miles                   |  |                            |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4      | Outstanding Modification Work Orders: |                   |           |                                                                                                                                                                                                                                                                                                                                                           | None                           |  |                            |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5      | Total Manhours to Repair:             |                   |           |                                                                                                                                                                                                                                                                                                                                                           | 20 hrs                         |  |                            |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6      | Total Manhours Cost:                  |                   |           |                                                                                                                                                                                                                                                                                                                                                           | 20 x 8.50 =                    |  | \$170.00                   |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 7      | Maintenance Expenditure Limits:       |                   |           |                                                                                                                                                                                                                                                                                                                                                           | TB 43-002-9                    |  |                            |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8      | Repair Cost Factor:                   |                   |           |                                                                                                                                                                                                                                                                                                                                                           | 25%                            |  |                            |                   |  |

DA FORM 2404  
1 APR 79

Replaces edition of 1 Jan 84, which will be used

Figure 3-13. Sample of a completed DA Form 2404 used for ECOD

Note: Prepare the DA Form 2404 in triplicate.

## (2) Nomenclature and Model.

a. Enter the noun abbreviation and the model of the equipment.

b. For watercraft, use the noun abbreviation and Hull Design Number.

**(3) Registration/Serial/NSN.**

\* U.S. GPO: 1984-0-211-540

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a. Enter the serial or registration number. Enter the NSN when no serial or registration number is available.

b. For watercraft, enter the DA Hull Number.

**(4a) Miles.**

a. Enter the miles or kilometers on the equipment's odometer as of the date in block 5.

b. Round to the nearest mile or kilometer. Put the letter "K" before the number if the reading is kilometers.

c. Leave blank if the item does not have an odometer.

**(4b) Hours.**

a. Enter the meter reading in hours as of the date in block 5.

b. Leave blank if hours do not apply to the equipment.

**(4c) Rounds Fired.** Enter the rounds fired as of the date in block 5. Leave blank if rounds fired does not apply to the equipment.

**(4d) Hot Starts.** Leave blank.

**(5) Date.** Enter the calendar date.

**(6) Type Inspection.** Enter the letters "ECOD."

**(7) TM Number and TM Date.**

a. Enter the number and date of the PMCS TM. When two TMs cover an item, put the second TM number and date in the second TM number and date block.

b. When the manual has changes, print "W/C" and the latest change number after the TM number. Then, put the latest change date in the TM date block.

**(8a) Signature.** Enter name, rank, duty phone number, signature, and organization of the inspector preparing the DA Form 2404.

**(8b) Time.** Leave blank or use as needed locally.

**(9a) Signature.** Enter name, grade, signature, and organization of the maintenance/ motor officer or commander's authorized representative.

**(9b) Time.** Leave blank or use as needed locally.

**(10) Man-Hours Required.** Leave blank or use as needed locally.

Note: In columns a, b, c, d, and e, enter required information as instructed in the following steps. If additional space is required, use an additional DA Form 2404.

**Enter Step "1."** Print "Technical Inspection."

**Column a. TM Item Number.** Enter the fault number.

**Column b. Status.** Enter the status symbol that applies to the fault.

**Column c. Deficiencies and Shortcomings.** Enter each fault detected during the technical inspection that requires repair or replacement to restore equipment serviceability.

**Column d. Corrective Action.** Enter the maintenance action (repair or replace) required to correct the fault entered in column c.

**Column e. Initial When Corrected.** Enter the man-hours required to correct the fault identified in column c.

**Enter Step "2."** Print "Date of Manufacture:" followed by the date the equipment was manufactured as shown on the equipment data plate or the date entered in block 11 of the item's DA Form 2408-9.

**Enter Step "3."** Print "Time Since New:" followed by the total (cumulative) miles or kilometers and hours on the equipment.

**Enter Step "4."** If an outstanding modification work order has not been applied to the equipment, print "Outstanding Modification Work Orders." List all applicable modifications that have not been accomplished. Next to each modification, enter the man-hours required to apply the MWO.

**Enter Step "5."** Print "Total Man-hours to Repair" followed by the total estimated man-hours required to restore the equipment serviceability.

**Enter Step "6."** Print "Total Man-hour Cost". In column d, enter total hours required to do the repair multiplied by the current local labor rate. In column e, enter total dollar cost.

**Enter Step "7."** Enter "Maintenance Expenditure Limits" followed by the applicable Technical Bulletin (TB).

**Enter Step "8."** Print "Repair Cost Factor" followed by the repair cost factor (percentage and dollar factor, if applicable) cited in the TB listed in step 7.

**Enter Step "9."** Print "Required Replacement Parts" followed by a listing of the parts (NSN, noun, qty, and cost) required to replace/ repair the item.

**Enter Step "10."** Print "Total Cost of Replacement Parts" followed in column e by the total cost of required replacement parts (Total of Step 9).

**Enter Step "11."** Print "Total Cost of Repairs" followed by the total of Step 6 and Step 10 entries. Enter total in column e.

[illegible]

(1) Do not enter a number if only one item is listed on the DA Form 2407.

(2) When more than one item is listed in block 12 of the DA Form 2407, enter that number.

(3) Enter the information from block 9 of the DA Form 2407.

(4) If further identification is required, enter the model.

**(c) Work Requested By.** Print the name of the unit or activity asking for the work. Get this information from block 1b of the DA Form 2407.

**(d) Serial or USA Registration Number.**

(1) Enter the numbers in block 11 of the DA Form 2407.

(2) If no serial or registration number is listed, enter the administration number or a locally assigned identification number.

(3) For watercraft, use the DA Hull number.

(4) You may use separate lines when more than one serial or registration number is on the DA Form 2407.

**(e) Brief Description of Work or Remarks.** Briefly describe the equipment fault or the action taken. Action includes MWO to be applied, one-time inspection, etc.

**(f) Date Job Order Received.** Enter the Julian date the request for maintenance came in.

**(g) Started.** Enter the Julian date the repair action started. **(h) Finished.** Enter the Julian date when the item was fixed.

**(h) Man-Hours.**

(1) Enter the total number of man-hours needed to do the repair. Block 28M of the DA Form 2407 gives you that information.

(2) Leave blank when the form is used at organization level.

**(i) Labor.** Leave blank or use as needed locally.

**(j) Parts.** Leave blank or use as needed locally.

**(k) Total Cost of Job.** Leave blank or use as needed locally.

| MAINTENANCE REQUEST<br>For use of this form, see DA PAM 738-750 and 738-751;<br>the proponent agency is DCSLOG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                       |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PAGE NO                                       | NO OF PAGES                           | REQUIREMENT CONTROL SYMBOL<br>CSGLD-1047(R1) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------|----------------------------------------------|
| SECTION I - CUSTOMER DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                       |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | SECTION II - MAINTENANCE ACTIVITY DATA        |                                       |                                              |
| 1a. UIC CUSTOMER<br>WX3.W.Y.F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1b. CUSTOMER UNIT NAME<br>36 214th AV | 1c. PHONE NO<br>278-5419   | 3a. WORK ORDER NUMBER (WON)<br>17326                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3b. SHOP<br>01                                | 3c. PHONE NO<br>013                   |                                              |
| 2a. SAMS-2 UIC/SAMS-I/DTA<br>0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2b. UTILIZATION CODE<br>0             | 2c. MCSR<br>Y              | 4a. UIC SUPPORT UNIT<br>099                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4b. SUPPORT UNIT NAME<br>099                  |                                       |                                              |
| SECTION III - EQUIPMENT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                       |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |                                       |                                              |
| 5. TYPE MNT REQ CODE<br>A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 6. ID<br>A                            | 7. NSN<br>2320000701616    | 15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code)<br>See DA Pamphlets 738-750 and 738-751                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A                                             |                                       |                                              |
| 8. MODEL<br>M35A2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 9. NOUN<br>Trk Cgo 212T               |                            | 15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code)<br>See DA Pamphlets 738-750 and 738-751                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16. MILES/KILOMETERS/HOURS/ROUNDS<br>M 37,218 | K                                     |                                              |
| 10a. ORG WON/DOC NO<br>WX3.W.Y.F 03003211                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10b. EIC<br>BIMPA                     | 11. SERIAL NUMBER<br>17326 | 12. QTY<br>01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 13. PD<br>013                                 | 17. PROJECT CODE (If assigned)<br>099 | 18. ACCOUNT PROCESSING CODE<br>099           |
| 14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                            | 19. IN WARRANTY (enter Y or N)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 20. ADMIN NO (enter Y or N)                   | N 125                                 |                                              |
| 21. REIMBURSABLE CUSTOMER (If Intransit customer enter Y or N)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                       |                            | N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                               |                                       |                                              |
| 22. LEVEL OF WORK<br>F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                       |                            | 23. SIGNATURE<br>Richard Hatch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                               |                                       |                                              |
| 24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)<br>Class III leak, steering gear box                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                       |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |                                       |                                              |
| 25. REMARKS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                       |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |                                       |                                              |
| PREPARATION INSTRUCTIONS FOR THIS PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                       |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |                                       |                                              |
| SECTION I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                       |                            | SECTION III (Cont'd)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                               |                                       |                                              |
| <p>Block 1a. Enter UIC of submitting organization.</p> <p>Block 1b. Enter name of submitting organization.</p> <p>Block 1c. Enter number to be called when maint. is completed.</p> <p>Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/DTA if work is requested while intransit and away from your support maintenance unit.</p> <p>Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751.</p> <p>Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.</p>                                                                                                                        |                                       |                            | <p>Block 12. Enter the quantity of items being submitted.</p> <p>Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1.</p> <p>Block 14. For DSU, GSU/AVIM, DEPOT use.</p> <p>Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751.</p> <p>Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751.</p> <p>Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting.</p> <p>Block 17. Enter the project code if one has been assigned. If not, leave blank.</p> <p>Block 18. See DA Pamphlets 738-750 and 738-751.</p> <p>Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty.</p> <p>Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted.</p> <p>Block 21. For DSU/GSU/AVIM/Depot use.</p> <p>Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act.</p> <p>Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank.</p> <p>Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint.</p> <p>Block 25. Self-explanatory.</p> |                                               |                                       |                                              |
| SECTION II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |                                       |                                              |
| Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                       |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |                                       |                                              |
| SECTION III                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                       |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |                                       |                                              |
| <p>Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751.</p> <p>Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751.</p> <p>Block 7. Enter the NSN or stock number of the item being submitted.</p> <p>Block 8. Enter model of item being submitted.</p> <p>Block 9. Enter noun/nomenclature of item being submitted.</p> <p>Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank.</p> <p>Block 10b. Enter End Item Code. See AMDF.</p> <p>Block 11. Enter serial number of item being submitted.</p> |                                       |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |                                       |                                              |
| 34a. SUBMITTED BY<br>R. Hatch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 35a. ACCEPTED BY                      | 35c. DATE                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |                                       |                                              |
| 34b. DATE<br>130005                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 35b. STATUS                           | 35d. TIME                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |                                       |                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                       |                            | <p>Block 34a. Enter first initial and last name of submitter.</p> <p>Block 34b. Enter ordinal date submitted (YYDDD).</p> <p>Block 35a. Enter first initial and last name of person accepting maint. request.</p> <p>Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751.</p> <p>Block 35c. Enter ordinal date accepted (YYDDD).</p> <p>Block 35d. Enter military time.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                               |                                       |                                              |

DA FORM 2407, JUL 94

RECEIPT COPY 1

Figure 3-15. Sample of a completed DA Form 2407 to request support maintenance

Legend for Figure 3-15:

Completion instructions for DA Form 2407 to request support maintenance

Section I-Customer Data.

Note: Blocks (BLK) 1, 5, 6, 7, 10a, 10b, 11, 12, 13, 15, 16, 20, and 24

are mandatory if equipment is inoperable. Inoperable equipment is equipment that is NMC, in accordance with AR 700-138, a subsystem of a reportable weapon system, or command maintenance significant.

(1a) UIC Customer. Enter the UIC of the customer that owns the equipment.

**(1b) Customer Unit Name.** Enter the name of the unit identified by the UIC in block 1a.

**(1c) Phone number.** Enter the phone number of the unit identified by the UIC in block 1a.

**(2a) SAMS-2 UIC/SAMS-I/TDA.** If intransit, enter UIC for SAMS-2 or SAMS-1 /TDA unit.

**(2b) Utilization Code.** Enter Utilization Code. See Appendix B.

**(2c) MCSR Item.** Print the word "yes" or the letter "Y" if the item is reported under AR 700-138. This also applies to components and subsystems of an item/system that is reportable. If not, leave this block blank.

**Section II—Maintenance Activity Data.** To be completed by support maintenance DSU/GSU/AVIM/DEPOT.

### Section III—Equipment Data.

**(5) Type MNT REQ Code.** Enter the Type Maintenance Request Code. Appendix B, Table B-20, lists the codes.

**(6) ID.** Enter the Identification (ID) Code as shown below that identifies the type of number you will enter in Block 7.

A—National/NATO Stock Number.

C—Manufacturer's Code and Reference Number (Part Number).

D—Management Control Number (MCN).

P—Other Numbers.

**(7) NSN.** Enter the National Stock Number or appropriate number identified in block 6.

**(8) Model.** Enter model number.

**(9) Noun.** Enter noun nomenclature of item.

**(10a) ORGWON/DOC NO.** Enter organization work order number or organization document number. For assignment of organization work order number (ORGWON), see Paragraph 3-6c.

**(10b) EIC.** Enter the end item code (EIC). See AMDF.

**(11) Serial Number.**

a. Enter the serial number of the item in Block 9.

b. For nontactical wheeled vehicles, use the registration number.

c. For ammunition, use the lot number.

d. Leave blank if the form is used for more than one item.

e. Leave blank if the equipment has more than one serial number.

f. Mandatory entry if equipment is INOP.

**(12) QTY.** Enter the number of items. (Must be only one item listed if equipment is reportable under AR 700-138 and is NMC.)

**(13) PD.** Enter the Priority Designator. (See DA Pam 710-2-1).

**(14) Malfunction Description.** (DS, GS, AVIM, Depot Use.)

**(15a) Failure Detected During/When Discovered Code.**

a. Enter failure detected code from Table B-3 or When Discovered Code from DA Pam 738-751.

b. Leave blank if no failure occurred.

**(15b) First Indication of Trouble/How Recognized Code.** Enter first indication of trouble code from Table B-4 or How Recognized Code from DA Pam 738-751.

**(16) Miles/ Kilometers/ Hours/Rounds.** Enter the miles or kilometers from the odometer on the equipment beside the "M" or "K". Round to the nearest mile or kilometer. If the equipment has no odometer, leave blank. Enter the hour reading (to the nearest hour) beside the "H" from the hour meter mounted on the equipment. If the equipment has no meter, leave blank. Enter the total equivalent full charge (EFC) rounds fired beside the "R". See the item's DA Form 2408-4. If rounds do not apply to the equipment, leave blank.

**(17) Project Code.** Enter the project code if one has been assigned. If not, leave blank.

**(18) Account Processing Code.** Enter the Account Processing Code (APC) if required by your unit. The APC is a code prescribed locally for

costing and budget identification of customers and organizations (reference TM 38-711-13). If not required, leave blank.

**(19) In Warranty?** Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. If "Y", submit one work request for each serial numbered item.

**(20) Admin Number.** Enter the bumper number/material control number, or administrative number assigned to the item of equipment.

**(21) Reimbursable Customer.** For DSU/GSU/AVIM/ Depot use.

**(22) Work Performed By.** Enter code for level of work from Table B-24.

**(23) Signature.** The commander or the commander's designated representative will sign for all priority 01 through 10 requests. This signature approves the use of the PD.

### (24) Describe Deficiencies or Symptoms.

a. Using the information in column "c" of DA Form 2404, briefly describe the fault or symptoms. For example, Print "Engine does not develop full power" or "Equipment uses two quarts of oil daily," etc. Do not ask for general or specific repair of parts to be replaced; for example, do not tell support to "replace the hydraulic system" or "repair as needed."

b. When the form is asking for work on more than one item with the same NSN, list the number of items, their serial numbers (if they have serial numbers), and anything else support will need. INOP equipment (equipment reported on the Materiel Condition Status Report), components/ subsystems of reportable equipment, or command maintenance significant equipment must have its own separate forms.

c. When the form is for components or assemblies with a recoverability code of A, D, F, H, or L, give the end item NSN. Put the NSN on the last line of block 25. You will find recoverability codes in the RC code column on the Army Master Data File (AMDF). You will also find the codes listed as part of the item's Source, Maintenance, and Recoverability (SMR) code in the parts manual.

d. If you need more room, use a DA Form 2407-1.

e. When the form is requesting standard repair after a battle-damage expedient has been applied, print "BDAR" in bold letters before describing the fault or symptoms. NOTE: The end item's BDAR TM and AR 750-1 describe when and how BDAR repairs will be made.

### (25) Remarks.

a. When the item in block 7 needs "onsite" or "deferred" maintenance, support will note that action here. Shop office NCO will make one of these entries for onsite or deferred work:

(1) Maintenance request received on (date), signature of shop office NCO.

(2) Onsite repair scheduled for (date), signature of shop office NCO.

(3) Owner to return item on (date) for repair, signature of shop office NCO.

b. Block 35a will be filled in by support only when the onsite repair is started or the deferred item is brought back to support.

c. The receipt copy will be sent to the support unit. The owning unit keeps all other copies until the onsite repair is started or deferred item is taken back to support.

### Section VII. Action Signatures.

**(34a) Submitted By.** The person sending in the DA Form 2407 enters first initial and last name in this block.

**(34b)** The person signing the forms enters the original ordinal date the form was given to support.

| MAINTENANCE REQUEST<br>For use of this form, see DA PAM 738-750 and 738-751;<br>the proponent agency is DCSLOG                                                                    |                                   |                          |                                                                                                        |                                          |                                    |                                                 |                    |                   |                                | PAGE NO<br>1                           | NO OF PAGES<br>1  | REQUIREMENT CONTROL SYMBOL<br>CSGLD-1047(R1) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-------------------------------------------------|--------------------|-------------------|--------------------------------|----------------------------------------|-------------------|----------------------------------------------|
| SECTION I - CUSTOMER DATA                                                                                                                                                         |                                   |                          |                                                                                                        |                                          |                                    |                                                 |                    |                   |                                | SECTION II - MAINTENANCE ACTIVITY DATA |                   |                                              |
| 1a. UIC CUSTOMER<br>W X 3. W Y F 3 Co                                                                                                                                             | 1b. CUSTOMER UNIT NAME<br>24th AV | 1c. PHONE NO<br>278-5419 | 3a. WORK ORDER NUMBER (WON)<br>CDRAA 212345                                                            | 3b. SHOP<br>A                            | 3c. PHONE NO<br>278-7920           |                                                 |                    |                   |                                |                                        |                   |                                              |
| 2a. SAMS-2 UIC/SAMS-UTDA                                                                                                                                                          | 2b. UTILIZATION CODE<br>0         | 2c. MCSR<br>Y            | 4a. UIC SUPPORT UNIT<br>W X 3. A B C                                                                   | 4b. SUPPORT UNIT NAME<br>A Co 53rd Maint |                                    |                                                 |                    |                   |                                |                                        |                   |                                              |
| SECTION III - EQUIPMENT DATA                                                                                                                                                      |                                   |                          |                                                                                                        |                                          |                                    |                                                 |                    |                   |                                |                                        |                   |                                              |
| 5. TYPE MNT REQ CODE<br>1                                                                                                                                                         | 6. ID<br>A                        | 7. NSN<br>2320000701616  | 15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code)<br>See 738-750 and 738-751<br>A         |                                          |                                    |                                                 |                    |                   |                                |                                        |                   |                                              |
| 8. MODEL<br>M35A2                                                                                                                                                                 | 9. NOUN Trk Cgo 2 1/2 T           |                          | 15b. FIRST INDICATION OF TROUBLE/NOW<br>RECOGNIZED CODE (Enter Code)<br>See 738-750 and 738-751<br>099 |                                          |                                    | 16a. MILES/KILOMETERS/HOURS/ROUNDS<br>M 37218 K |                    |                   |                                |                                        |                   |                                              |
| 10a. ORG WON/DOC NO<br>X 3. W Y F 3 Co 3211                                                                                                                                       | 10b. EIC<br>B M A                 |                          |                                                                                                        |                                          | 16b. H 485 R                       |                                                 |                    |                   |                                |                                        |                   |                                              |
| 11. SERIAL NUMBER<br>17386                                                                                                                                                        | 12. QTY<br>1                      | 13. PD<br>013            | 17. PROJECT CODE<br>(If assigned)                                                                      | 18. ACCOUNT PROCESSING<br>CODE           | 19. IN WARRANTY?<br>(Enter Y or N) | 20. ADMIN NO<br>N 1025                          |                    |                   |                                |                                        |                   |                                              |
| 14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVM, DEPOT use)<br>Class 3 steering gear                                                                                                |                                   |                          | 21. REIMBURSABLE CUSTOMER (If Intransit customer enter Y or N)                                         |                                          |                                    | 22. LEVEL OF WORK<br>F                          |                    |                   | 23. SIGNATURE<br>Richard Hatch |                                        |                   |                                              |
| 24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)<br>Class III leak, steering gear box |                                   |                          |                                                                                                        |                                          |                                    |                                                 |                    |                   |                                |                                        |                   |                                              |
| 25. REMARKS                                                                                                                                                                       |                                   |                          |                                                                                                        |                                          |                                    |                                                 |                    |                   |                                |                                        |                   |                                              |
| 26. TECHNICAL REFERENCES<br>TM 9-2320-209-34                                                                                                                                      |                                   |                          |                                                                                                        |                                          |                                    |                                                 |                    |                   |                                |                                        |                   |                                              |
| SECTION IV - TASK REQUIREMENTS DATA                                                                                                                                               |                                   |                          |                                                                                                        |                                          |                                    |                                                 |                    |                   |                                |                                        |                   |                                              |
| 27a. FILE INPUT ACT CD                                                                                                                                                            | 27b. TASK NO                      | 27c. ACT CODE            | 27d. TASK DESCRIPTION                                                                                  | 27e. QTY TO BE RPR                       | 27f. WORK CENTER                   | 27g. FAILURE CODE                               | 27h. MH PROJ       | 27i. MH EXP       |                                |                                        |                   |                                              |
| A                                                                                                                                                                                 | 11                                | F                        | Initial Inspection                                                                                     | 1                                        | 01 Insp                            |                                                 |                    | 5                 |                                |                                        |                   |                                              |
| A                                                                                                                                                                                 | 11                                | A                        | Replace steering gear                                                                                  | 1                                        | 01 Auto                            | 38.1                                            |                    | 8                 |                                |                                        |                   |                                              |
| A                                                                                                                                                                                 | 12                                | G                        | Final Inspection                                                                                       | 1                                        | 01 Insp                            |                                                 |                    | 5                 |                                |                                        |                   |                                              |
| SECTION V - PART REQUIREMENTS                                                                                                                                                     |                                   |                          |                                                                                                        |                                          |                                    |                                                 |                    |                   |                                |                                        |                   |                                              |
| 28a. FILE INPUT ACT CD                                                                                                                                                            | 28b. TASK NO                      | 28c. ID NO               | 28d. NSN OR PART NUMBER                                                                                | 28e. SFX CD                              | 28f. QTY REQ                       | 28g. QTY ISSUED                                 | 28h. NMCS CD       | 28i. FAILURE CODE | 28j. STORAGE LOCATION          | 28k. INITIALS                          | 28l. COST \$      |                                              |
| A                                                                                                                                                                                 | 11                                | A                        | 2320000701616                                                                                          | 1                                        | 01                                 | 01                                              | N                  | 38.1              | 12-31                          | WP                                     | 3500              |                                              |
| 28m. TOTAL MANHOURS<br>7.5                                                                                                                                                        |                                   |                          |                                                                                                        |                                          |                                    |                                                 |                    |                   |                                |                                        |                   |                                              |
| 28n. TOTAL MANHOURS COSTS \$<br>7.50110                                                                                                                                           |                                   |                          |                                                                                                        |                                          |                                    |                                                 |                    |                   |                                |                                        |                   |                                              |
| 28o. TOTAL PARTS COSTS \$<br>3.50000                                                                                                                                              |                                   |                          |                                                                                                        |                                          |                                    |                                                 |                    |                   |                                |                                        |                   |                                              |
| SECTION VI - COMPLETION DATA                                                                                                                                                      |                                   |                          |                                                                                                        |                                          |                                    |                                                 |                    |                   |                                |                                        |                   |                                              |
| 29. QTY RPR                                                                                                                                                                       | 30. QTY CONDEMN                   | 31. QTY NRTS             | 32. EVAC WON                                                                                           | 33. EVAC UNIT NAME                       |                                    |                                                 |                    |                   |                                |                                        |                   |                                              |
| SECTION VII - ACTION SIGNATURES                                                                                                                                                   |                                   |                          |                                                                                                        |                                          |                                    |                                                 |                    |                   |                                |                                        |                   |                                              |
| 34a. SUBMITTED BY<br>R. Hatch                                                                                                                                                     | 35a. ACCEPTED BY<br>C. Daniels    | 35c. DATE<br>93005       | 36a. WORK STARTED BY<br>R. Parker                                                                      | 37a. INSPECTED BY<br>C. Daniels          | 38a. PICKED UP BY<br>R. Henderson  |                                                 |                    |                   |                                |                                        |                   |                                              |
| 34b. DATE<br>93005                                                                                                                                                                | 35b. STATUS<br>A                  | 35d. TIME<br>1000        | 36b. STATUS<br>3                                                                                       | 36c. DATE<br>93007                       | 36d. TIME<br>0800                  | 37b. STATUS<br>F                                | 37c. DATE<br>93008 | 37d. TIME<br>0915 | 38b. STATUS<br>U               | 38c. DATE<br>93008                     | 38d. TIME<br>1315 |                                              |

DA FORM 2407, JUL 84

FILE COPY 6

Figure 3-16. Sample of a completed DA Form 2407 to show work done at support maintenance

Legend for Figure 3-16:

Completion instructions for DA Form 2407 to show work done at support maintenance

Page No. Enter the page number when all needed entries are in Sections IV-VII. Enter page numbers as required.

No of Pages. Enter the total number of pages used when entries are in Sections IV-VII. Enter page numbers as required.

Section I-Customer Data. This section will be filled in by the unit requesting the support maintenance.

Section II-Maintenance Activity Data

**(3a) Work Order Number (WON).** Enter WON (see paragraph 3–6c for assignment of WONs).

**(3b) Shop.** Enter shop section code. These codes are assigned to uniquely identify a particular maintenance shop section. Codes A through Z are assigned locally by each maintenance battalion operating SAMS. Examples: A=Automotive Shop, B=Battery Shop, C=Commo Shop, etc.

**(3c) Phone No.** Enter the phone number of the Maintenance Activity.

**(4a) UIC Support Unit.** Enter the UIC of the Maintenance Activity.

**(4b) Support Unit Name.** Enter the unit name of the Maintenance Activity.

### Section III–Equipment Data.

**(14) Malfunction Description (For DSU/GSU Use).** Enter a short description of the problem (16 position entry.)

**(21) Reimbursable Customer.** Enter “Y” if the customer must pay for maintenance cost.

### (25) Remarks.

a. When the item in block 7 needs “onsite” or “deferred” maintenance, shop office NCO will make one of these entries:

(1) Maintenance request received on (date), signature of shop office NCO.

(2) Onsite repair scheduled for (date), signature of shop office NCO.

(3) Owner to return item on (date) for repair, signature of shop office NCO.

b. Block 35a. Will be filled in only when the onsite repair is started or the deferred item is brought back.

c. Print “ORF candidates” when an ORF asset will be issued or would have been issued if a serviceable ORF asset was available.

**(26) Technical References.** Enter the reference TM or technical publication.

**Section IV–Task Requirements Data.** This section of the work order can be used in various ways by the support maintenance activity. Enter one task repair action for the work order; one task for each center/shop section that is to work on the equipment; or a task management to allow the capturing of man–hours expended on equipment. The task sequence number is not to be confused with work request status code changes.

**(27a) File Input Act CD.** Enter file Input Action Code:

A—Addition of a new record file.

C—Correction to the file records.

D—Deletion of record from the file.

**(27b) Task No.** Enter the Task Number. How to use this field is up to the support maintenance activity. However, at least one character (letter or number) must be used and task numbers must be different for each task listed. Some of the various ways this field can be used follow.

a. A single task (e.g., task number 1) for all work needed to be done.

b. A task for each work center/shop section for work needed to be done at each work center/shop section. The task number can be the shop section code.

c. A task for each action specified to be done by inspectors. The task number can then be the character for the shop followed by a different number for each task. For example, tasks A1, A2, and A3 for the Automotive Section and tasks S1 and S2 for the service section.

**(27c) Act Code.** Enter Action Code. Table B–5 lists the action codes.

**(27d) Task Description.** Enter brief description of task to be accomplished.

**(27e) Qty To Be Rpr.** Enter number of items to be repaired.

**(27f) Work Center.** Enter the Work Center Code of the shop that will do the task. (See Unit SOP.)

**(27g) Failure Code.** Enter the Failure Code. Table B–1 lists the failure codes.

**(27h) MH Proj.** Enter number of man–hours projected to accomplish the task. (Add Total Man–hours Block.)

**(27i) MH EXP.** After completion, enter number of man–hours actually expended to accomplish the task.

### Section V–Part Requirements.

**(28a) File Input Act CD.** Enter the File Input Action Code:

A—Addition of a new record file.

C—Correction to the file records.

**(28b) Task No.** Enter Task Number from Block 27 which granted the part requirement.

**(28c) ID No.** Enter Identifying Number. These codes identify the type of information in the NSN field:

A—National Stock Number.

C—Manufacturer’s Code and Reference Number.

D—Management Control Number.

P—Other numbers.

**(28d) NSN or Part Number.** Enter National Stock Number, Manufacturer’s Part Number, or other number, as identified in Block 28c, for the required part.

**(28e) SFX CD.** If applicable, enter Suffix Identification Code. This code allows the operator to use the same record key (i.e., work order number, task number, identification code, and NSN), when adding the same NSN to a file. It enables the operator to bypass edits that normally would reject as being duplicate. Each new entry should be in sequential order. (Blank, A–Z, 0–9 are the allowed entries.)

**(28f) Qty Rqd.** Enter quantity of part(s) required.

**(28g) Qty Issued.** When part(s) is issued to mechanic, enter quantity of part(s) issued.

**(28h) NMCS Cd.** If failure to get a part caused the item to become NMCS, enter “Y” (YES). If item will not become NMCS, enter “N” (NO).

**(28i) Failure Code.** Enter the Failure Code. Table B–1 lists the failure codes.

**(28j) Storage Location.** If ASL item, enter Storage Location Code.

**(28k) Initials.** Enter initials of ASL clerk releasing part to mechanic.

**(28l) Cost.** Enter total cost. Example, multiply 28g by AMDF unit price and enter total (i.e., \$50x3 = \$150).

**(28m) Total Man–hours.** Enter total of man–hours of block 27 from all pages (DA Forms 2407 and 2407–1.)

**(28n) Total Man–hours Cost.** Enter total man–hour cost. You get this figure by multiplying the current local labor rate times the total number of man–hours used in 28m.

**(28o) Total Parts Cost.** Enter total cost of blocks 281 on all pages (DA Forms 2407 and 2407–1.)

### Section VI–Completion Data.

**(29) Qty Rpr.** Enter quantity of items repaired.

**(30) Qty Condemn.** Enter quantity of items condemned.

**(31) Qty NRTS.** Enter quantity of items not repairable at the repair activity.

**(32) Evac WON.** If item is evacuated, enter Work Order Number assigned by receiving maintenance unit.

**(33) Evac Unit Name.** Enter name of unit to whom item is evacuated.

### Section VII–Action Signatures.

**(35a) Accepted By.** The person accepting the work request enters first initial and last name in this block.

**(35b) STATUS.** Enter the work request status code. Appendix B, Table B–21, lists these codes.

**(35c) Date.** Enter ordinal date accepted (YYDDD).

**(35d) Time.** Enter the military time that the work was started.

**(36a) Work Started By.** The person assigned the work enters first initial and last name in this block.

**(36b) STATUS.** Enter the completed work request status code. Appendix B lists these codes.

**(36c) Date.** Enter the ordinal date the work was completed (YYDDD).

**(36d) Time.** Enter the military time that the inspection was completed.

**(37a) Inspected By.** The person clearing the work enters first initial and last name in this block.

**(37b) Status.** Enter the work request status code. Appendix B lists these codes.

**(37c) Date.** Enter the ordinal date the inspection was completed.

**(37d) Time.** Enter the military time that the inspection was completed.

**(38a) Picked Up By.** The person picking up the equipment for the owner enters first initial and last name in this block.

**(38b) STATUS.** The support maintenance clerk enters work request

status code "U"(picked up). Appendix B lists work request status codes.

**(38c) Date.** Enter the ordinal date the equipment was picked up.

**(38d) Time.** Enter the military time that the equipment was picked up.

| MAINTENANCE REQUEST<br>For use of this form, see DA PAM 738-750 and 738-751;<br>the proponent agency is DCSLOG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                               |                                  | PAGE NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NO OF PAGES                 | REQUIREMENT CONTROL SYMBOL<br>CSGLD-1047(R1) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------------------------------|
| SECTION I - CUSTOMER DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |                                  | SECTION II - MAINTENANCE ACTIVITY DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                             |                                              |
| 1a. UIC CUSTOMER<br><b>WX3BFC</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1b. CUSTOMER UNIT NAME<br><b>42d Maint Co</b> | 1c. PHONE NO<br><b>632-1215</b>  | 3a. WORK ORDER NUMBER (WON)<br><b>9-2320-290-30-2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3b. SHOP                    | 3c. PHONE NO                                 |
| 2a. SAMS-2 UIC/SAMS-I/TDA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2b. UTILIZATION CODE<br><b>0</b>              | 2c. MCSR                         | 4a. UIC SUPPORT UNIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4b. SUPPORT UNIT NAME       |                                              |
| SECTION III - EQUIPMENT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                               |                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                             |                                              |
| 5. TYPE MNT REQ CODE<br><b>2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 6. ID<br><b>A</b>                             | 7. NSN<br><b>2320 11 077 155</b> | 15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code)<br>See DA Pamphlets 738-750 and 738-751                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                             |                                              |
| 8. MODEL<br><b>M998</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                               |                                  | 15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code)<br>See DA Pamphlets 738-750 and 738-751                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                             |                                              |
| 9. NOUN<br><b>Trk UH1 Cgo 14T</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                               |                                  | 16. MILES/KILOMETERS/HOURS/ROUNDS<br>M <b>7315</b> K <b></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                             |                                              |
| 10a. ORG WOND/DOC NO<br><b>WX3BFC 03000311</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                               |                                  | 10b. EIC<br><b>2320</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                             |                                              |
| 11. SERIAL NUMBER<br><b>132176</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 12. QTY<br><b>01</b>                          | 13. PD<br><b>13</b>              | 17. PROJECT CODE<br>(If assigned)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 18. ACCOUNT PROCESSING CODE | 19. IN WARRANTY? (enter Y or N) <b>N</b>     |
| 14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                               |                                  | 20. ADMIN NO<br><b>24</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                             |                                              |
| 21. REIMBURSABLE CUSTOMER (if intransit customer enter Y or N)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                               |                                  | 22. LEVEL OF WORK<br><b>F</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                             |                                              |
| 22. LEVEL OF WORK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                               |                                  | 23. SIGNATURE<br><b>Matthew J. Spurlink</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                             |                                              |
| 24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)<br><b>Apply mwn 9-2320-290-30-2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                               |                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                             |                                              |
| 25. REMARKS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                               |                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                             |                                              |
| PREPARATION INSTRUCTIONS FOR THIS PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                               |                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                             |                                              |
| SECTION I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |                                  | SECTION III (Cont'd)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                             |                                              |
| <p>Block 1a. Enter UIC of submitting organization.</p> <p>Block 1b. Enter name of submitting organization.</p> <p>Block 1c. Enter number to be called when maint. is completed.</p> <p>Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit.</p> <p>Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751.</p> <p>Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.</p>                                                                                                                        |                                               |                                  | <p>Block 12. Enter the quantity of items being submitted.</p> <p>Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1.</p> <p>Block 14. For DSU, GSU/AVIM, DEPOT use.</p> <p>Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751.</p> <p>Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751.</p> <p>Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting.</p> <p>Block 17. Enter the project code if one has been assigned. If not, leave blank.</p> <p>Block 18. See DA Pamphlets 738-750 and 738-751.</p> <p>Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty.</p> <p>Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted.</p> <p>Block 21. For DSU/GSU/AVIM/Depot use.</p> <p>Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act.</p> <p>Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank.</p> <p>Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint.</p> <p>Block 25. Self-explanatory.</p> |                             |                                              |
| SECTION II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                               |                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                             |                                              |
| Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                               |                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                             |                                              |
| SECTION III                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                               |                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                             |                                              |
| <p>Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751.</p> <p>Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751.</p> <p>Block 7. Enter the NSN or stock number of the item being submitted.</p> <p>Block 8. Enter model of item being submitted.</p> <p>Block 9. Enter noun/nomenclature of item being submitted.</p> <p>Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank.</p> <p>Block 10b. Enter End Item Code. See AMDF.</p> <p>Block 11. Enter serial number of item being submitted.</p> |                                               |                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                             |                                              |
| 34a. SUBMITTED BY<br><b>C. Gainhart</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 35a. ACCEPTED BY                              | 35c. DATE                        | <p>Block 34a. Enter first initial and last name of submitter.</p> <p>Block 34b. Enter ordinal date submitted (YYDDD).</p> <p>Block 35a. Enter first initial and last name of person accepting maint. request.</p> <p>Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751.</p> <p>Block 35c. Enter ordinal date accepted (YYDDD).</p> <p>Block 35d. Enter military time.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                             |                                              |
| 34b. DATE<br><b>93025</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 35b. STATUS                                   | 35d. TIME                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                             |                                              |

DA FORM 2407, JUL 94

RECEIPT COPY 1

Figure 3-17. Sample of a completed DA Form 2407 to request an MWO

Legend for Figure 3-17:

Completion instructions for DA Form 2407 to request an MWO

Section I-Customer Data.

Note: Blocks (BLK) 1, 5, 6, 7, 10a, 10b, 11, 12, 13, 15, 16, 20, and 24 are

mandatory if equipment is inoperable. Inoperable equipment is equipment that is NMC, in accordance with AR 700-138, a subsystem of a reportable weapon system, or command maintenance significant.

**(1a) UIC Customer.** Enter the UIC of the customer that owns the equipment.

**(1b) Customer Unit Name.** Enter the name of the unit identified by the UIC in block 1a.

**(1c) Phone No.** Enter the phone number of the unit identified by the UIC in block 1a.

**(2a) SAMS-2 UIC/SAMS4/TDA.** If intransit, enter UIC for SAMS-2 or SAMS-I/TDA unit.

**(2b) Utilization Code.** Enter Utilization Code. See Appendix B.

**(2c) MCSR Item.** Print the word "yes" or the letter "Y" if the item is reported under AR 700-138. This also applies to components and subsystems of an item/system that is reportable. If not, leave this block blank.

**Section II—Maintenance Activity Data.** To be completed by support maintenance DSU/GSU/AVIM/DEPOT.

**Section III—Equipment Data.**

**(5) Type Mnt Req Code.** Enter the Type Maintenance Request Code. Appendix B, Table B-20, lists the codes.

**(6) ID.** Enter the Identification (ID) Code as shown below that identifies the type of number you will enter in Block 7.

A—National/NATO Stock Number.

C—Manufacturer's Code and Reference Number (Part Number).

D—Management Control Number (MCN).

P—Other Numbers.

**(7) NSN.** Enter the National Stock Number or appropriate number identified in block 6. NOTE: When applying an MWO to a component, put the end item's NSN in this block.

**(8) Model.** Enter model number.

**(9) Noun.** Enter noun nomenclature of item.

**(10a) ORGWON/DOC NO.** Enter organization work order number or organization document number. For assignment of organization work order number (ORGWON), see Paragraph 3-6c.

**(10b) EIC.** Enter the end item code (EIC). See AMDF.

**(11) Serial Number.**

a. Enter the serial number of the item in Block 9.

b. For nontactical wheeled vehicles, use the registration number.

c. For ammunition, use the lot number.

d. For watercraft, use DA Hull number.

e. Leave blank if the form is used for more than one item.

f. Leave blank if equipment has more than one serial number.

g. Mandatory entry if equipment is INOP.

**(12) Qty.** Enter the number of items. (Must be only one item listed if equipment is reportable under AR 700-138 and is NMC.)

**(13) PD.** Enter the Priority Designator. (See DA Pam 710-2-1).

**(14) Malfunction Description.** (DS, GS, AVIM, Depot Use.)

**(15a) Failure Detected During/When Discovered Code.** Leave blank.

**(15b) First Indication of Trouble/How Recognized Code.** Leave blank.

**(16) Miles/Kilometers/Hours/Rounds.** Enter the miles or kilometers from the odometer on the equipment beside the "M" or "W". Round to the nearest mile or kilometer. If the equipment has no odometer, leave blank. Enter the hour reading (to the nearest hour) beside the "H" from the hour meter mounted on the equipment. If the equipment has no meter, leave blank. Enter the total equivalent full charge (EFC) rounds fired beside the "R". See the item's DA Form 2408-4. If rounds do not apply to the equipment, leave blank.

**(17) Project Code.** Enter the project code if one has been assigned. If not, leave blank.

**(18) Account Processing Code.** Enter the Account Processing Code (APC) if required by your unit. The APC is a code prescribed locally for costing and budget identification of customers and organizations (reference TM 38-711-13). If not required, leave blank.

**(19) In Warranty?** Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. If "Y", submit one work request for each serial numbered item.

**(20) Admin Number.** Enter the bumper number/material control number, or administrative number assigned to the item of equipment.

**(21) Reimbursable Customer.** For DSU/GSU/AVIM/Depot use.

**(22) Level of Work.** Enter code for level of work from Table B-24.

**(23) Signature.** The commander or the commander's designated representative will sign for all priority 01 through 10 requests. This signature approves the use of the PD.

**(24) Describe Deficiencies or Symptoms.**

a. Enter the MWO numbers. If more than one MWO is listed, make sure all the MWOs apply to each component or end item covered by the form.

b. Give the serial number of each component or end item you have that needs those MWOs.

c. If you need more room, use a DA Form 2407-1.

**(25) Remarks.** Use as needed locally or as prescribed by local SOP.

**Section VII. Action Signatures.**

**(34a) Submitted By.** The person sending in the DA Form 2407 enters first initial and last name in this block.

**(34b) Date.** The person signing the forms enters the original ordinal date the form was given to support maintenance.

| MAINTENANCE REQUEST<br>For use of this form, see DA PAM 738-750 and 738-751;<br>the proponent agency is DCSLOG                                                               |                                        |                             |                                                                                                 |                                              |                          |                                                |                      |                              |                                      | PAGE NO<br>1                           | NO OF PAGES<br>1  | REQUIREMENT CONTROL SYMBOL<br>CSGLD-1047(R7) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------|------------------------------------------------|----------------------|------------------------------|--------------------------------------|----------------------------------------|-------------------|----------------------------------------------|
| SECTION I - CUSTOMER DATA                                                                                                                                                    |                                        |                             |                                                                                                 |                                              |                          |                                                |                      |                              |                                      | SECTION II - MAINTENANCE ACTIVITY DATA |                   |                                              |
| 1a. UIC CUSTOMER<br>WIX 3 BFC                                                                                                                                                | 1b. CUSTOMER UNIT NAME<br>42d Maint Co | 1c. PHONE NO<br>632-1245    | 3a. WORK ORDER NUMBER (WON)<br>CDRAA 212345                                                     | 3b. SHOP<br>A                                | 3c. PHONE NO<br>632-1835 |                                                |                      |                              |                                      |                                        |                   |                                              |
| 2a. SAMS-2 UIC/SAMS-UTDA                                                                                                                                                     | 2b. UTILIZATION CODE<br>φ              | 2c. MCSR                    | 4a. UIC SUPPORT UNIT<br>WIX 3 BFC                                                               | 4b. SUPPORT UNIT NAME<br>A Co 710th Maint Bn |                          |                                                |                      |                              |                                      |                                        |                   |                                              |
| SECTION III - EQUIPMENT DATA                                                                                                                                                 |                                        |                             |                                                                                                 |                                              |                          |                                                |                      |                              |                                      |                                        |                   |                                              |
| 5. TYPE MNT<br>REQ CODE<br>2                                                                                                                                                 | 6. ID<br>A                             | 7. NSN<br>23200111431245    | 15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code)<br>See 738-750 and 738-751       |                                              |                          |                                                |                      |                              |                                      |                                        |                   |                                              |
| 8. MODEL<br>M999                                                                                                                                                             |                                        |                             | 15b. FIRST INDICATION OF TROUBLE/HOW<br>RECOGNIZED CODE (Enter Code)<br>See 738-750 and 738-751 |                                              |                          | 16a. MILES/KILOMETERS/HOURS/ROUNDS<br>M 7315 K |                      |                              |                                      |                                        |                   |                                              |
| 9. NOUN<br>TRK 42d Co 114T                                                                                                                                                   |                                        |                             |                                                                                                 |                                              |                          | H R                                            |                      |                              |                                      |                                        |                   |                                              |
| 10a. ORG WON/DOC NO<br>WIX 3 BFC 3000031                                                                                                                                     |                                        |                             | 10b. EIC<br>R610                                                                                |                                              |                          |                                                |                      |                              |                                      |                                        |                   |                                              |
| 11. SERIAL NUMBER<br>132716                                                                                                                                                  |                                        |                             | 12. QTY<br>φ                                                                                    |                                              |                          | 13. PD<br>113                                  |                      |                              |                                      |                                        |                   |                                              |
| 14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)                                                                                                                   |                                        |                             | 17. PROJECT CODE<br>(if assigned)                                                               |                                              |                          | 18. ACCOUNT PROCESSING<br>CODE                 |                      |                              | 19. IN WARRANTY?<br>(enter Y or N) N |                                        |                   |                                              |
|                                                                                                                                                                              |                                        |                             | 21. REIMBURSABLE CUSTOMER (if intramit customer enter Y or N) N                                 |                                              |                          | 22. LEVEL OF WORK<br>F                         |                      |                              | 23. SIGNATURE<br>Matthew Spaulock    |                                        |                   |                                              |
| 24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not<br>prescribe repairs)<br>Apply MWO 9-2320-290-30-2 |                                        |                             |                                                                                                 |                                              |                          |                                                |                      |                              |                                      |                                        |                   |                                              |
| 25. REMARKS                                                                                                                                                                  |                                        |                             |                                                                                                 |                                              |                          |                                                |                      |                              |                                      |                                        |                   |                                              |
| 26. TECHNICAL REFERENCES                                                                                                                                                     |                                        |                             |                                                                                                 |                                              |                          |                                                |                      |                              |                                      |                                        |                   |                                              |
| SECTION IV - TASK REQUIREMENTS DATA                                                                                                                                          |                                        |                             |                                                                                                 |                                              |                          |                                                |                      |                              |                                      |                                        |                   |                                              |
| 27a. FILE<br>INPUT<br>ACT CD                                                                                                                                                 | 27b. TASK<br>NO                        | 27c. ACT<br>CODE            | 27d. TASK DESCRIPTION                                                                           | 27e. QTY<br>TO BE RPR                        | 27f. WORK<br>CENTER      | 27g. FAILURE<br>CODE                           | 27h. MH<br>PROJ      | 27i. MH<br>EXP               |                                      |                                        |                   |                                              |
| A                                                                                                                                                                            | 11                                     | F                           | Initial Inspection                                                                              | φ                                            | Inspr                    |                                                |                      | 5                            | 5                                    |                                        |                   |                                              |
| A                                                                                                                                                                            | 11                                     | H                           | Apply MWO 2320-290-30-2                                                                         | φ                                            | Auto                     |                                                |                      | 1                            | 1                                    |                                        |                   |                                              |
| A                                                                                                                                                                            | 12                                     | G                           | Final Inspection                                                                                | φ                                            | Inspr                    |                                                |                      | 5                            | 5                                    |                                        |                   |                                              |
| SECTION V - PART REQUIREMENTS                                                                                                                                                |                                        |                             |                                                                                                 |                                              |                          |                                                |                      |                              |                                      |                                        |                   |                                              |
| 28a. FILE<br>INPUT<br>ACT CD                                                                                                                                                 | 28b. TASK<br>NO                        | 28c. ID<br>NO               | 28d. NSN OR PART NUMBER                                                                         | 28e. SFX<br>CD                               | 28f. QTY<br>RQD          | 28g. QTY<br>ISSUED                             | 28h. NMCS<br>CD      | 28i. FAILURE<br>CODE         | 28j. STORAGE<br>LOCATION             | 28k. INITIALS                          | 28l. COST<br>\$   |                                              |
| A                                                                                                                                                                            | 11                                     | A                           | 23200111431245                                                                                  | 1                                            | φ                        | φ                                              | N                    |                              | 5A3C                                 | (RW)                                   |                   |                                              |
| A                                                                                                                                                                            | 11                                     | A                           |                                                                                                 | 2                                            | φ                        | φ                                              | N                    |                              | 4C8B                                 | (RW)                                   |                   |                                              |
| 28m. TOTAL MANHOURS<br>2                                                                                                                                                     |                                        |                             | 28n. TOTAL MANHOURS COSTS \$                                                                    |                                              |                          | 28o. TOTAL PARTS COSTS \$                      |                      |                              |                                      |                                        |                   |                                              |
| SECTION VI - COMPLETION DATA                                                                                                                                                 |                                        |                             |                                                                                                 |                                              |                          |                                                |                      |                              |                                      |                                        |                   |                                              |
| 29. QTY RPR                                                                                                                                                                  |                                        | 30. QTY CONDEMN             |                                                                                                 | 31. QTY NRTS                                 |                          | 32. EVAC WON                                   |                      | 33. EVAC UNIT NAME           |                                      |                                        |                   |                                              |
| SECTION VII - ACTION SIGNATURES                                                                                                                                              |                                        |                             |                                                                                                 |                                              |                          |                                                |                      |                              |                                      |                                        |                   |                                              |
| 34a. SUBMITTED BY<br>C. Gairhart                                                                                                                                             |                                        | 35a. ACCEPTED BY<br>M. Reso |                                                                                                 | 35c. DATE<br>9/30/25                         |                          | 36a. WORK STARTED BY<br>S. Powell              |                      | 37a. INSPECTED BY<br>M. Reso |                                      | 38a. PICKED UP BY<br>C. Gairhart       |                   |                                              |
| 34b. DATE<br>9/30/25                                                                                                                                                         | 35b. STATUS<br>A                       | 35d. TIME<br>φAφφ           | 36b. STATUS<br>3                                                                                | 36c. DATE<br>9/30/25                         | 36d. TIME<br>φA15        | 37b. STATUS<br>F                               | 37c. DATE<br>9/30/25 | 37d. TIME<br>φA30            | 38b. STATUS<br>U                     | 38c. DATE<br>9/30/25                   | 38d. TIME<br>1530 |                                              |

DA FORM 2407, JUL 84

FILE COPY 5

Figure 3-18. Sample of a completed DA Form 2407 to report an MWO done at support maintenance

Legend for Figure 3-18:

Completion instructions for DA Form 2407 to report an MWO done at support maintenance

Page No. Enter the page number when all needed entries are in Sections IV-VII. Enter page numbers as required.

No of Pages. Enter the total number of pages used when entries are in Sections IV-VI. Enter page numbers as required.

**Section I—Customer Data.** This section will be filled in by the unit requesting the support maintenance.

## **SECTION II—Maintenance Activity Data.**

**(3a) Work Order Number (WON).** Enter WON (see paragraph 3–6c for assignment of WONs).

**(3b) Shop.** Enter shop section code. These codes are assigned to uniquely identify a particular maintenance shop section. Codes A through Z are assigned locally by each maintenance battalion operating SAMS. Examples: A =Automotive Shop, B =Battery Shop, C =Commo Shop, etc.

**(3c) Phone No.** Enter the phone number of the Maintenance Activity.

**(4a) UIC Support Unit.** Enter the UIC of the Maintenance Activity.

**(4b) Support Unit Name.** Enter the unit name of the Maintenance Activity.

## **SECTION III—Equipment Data.**

**(14) Malfunction Description (For DSU/GSU Use).** Leave blank.

**(21) Reimbursable Customer.** Enter “Y” if the customer must pay for maintenance cost.

**(25) Remarks.** Use as needed locally or as prescribed by SOP.

**(26) Technical References.** Enter the referenced TM or technical publication.

**SECTION IV—Task Requirements Data.** This section of the work order can be used in various ways by the support maintenance activity. Enter one task repair action for the work order; one task for each center/shop section that is to work on the equipment; or a task management to allow the capturing of man–hours expended on equipment. The task sequence number is not to be confused with work order request status code changes.

**(27a) File Input Act CD.** Enter the file input action code.

A—Addition of a new record file.

C—Correction to the file records.

D—Deletion of record from the file.

**(27b) Task No.** Enter the task number. The use of this field is up to the support maintenance activity. However, at least one character (letter or number) must be used and task numbers must be different for each task listed. Some of the various ways this field can be used follows.

(a) Single task (e.g., task number 1) for all work needed to be done.

(b) A task number for each work center/shop section for work needed to be done at each work center/shop section. The task number can be the shop section code.

(c) A task for each action specified to be done by inspectors. The task number can then be the character for the shop followed by a different number for each task. For example, tasks A1, A2, and A3 for the automotive section and tasks S1 and S2 for the service section.

**(27c) Act Code.** Enter Action Code. Table B–5 lists the action codes.

**(27d) Task Description.** Enter brief description of task to be accomplished.

**(27e) Qty To Be Rpr.** Enter number of items to be repaired or leave blank.

**(27f) Work Center.** Enter the Work Center Code of the shop that will do the task. (See Unit SOP.)

**(27g) Failure Code.** Leave blank.

**(27h) MH Proj.** Enter number of man–hours projected to accomplish the task.

**(27i) MH EXP.** After completion, enter number of man–hours actually expended to accomplish the task.

## **SECTION V—Part Requirements.**

**(28a) File Input Act CD.** Enter the File Input Action Code:

A—Addition of a new record file.

C—Correction to the file records.

**(28b) Task No.** Enter Task Number from block 27b which granted the part requirement.

**(28c) ID No.** Enter Identifying Number. These codes identify the type of information in the NSN field:

A—National Stock Number.

C—Manufacturer's Code and Reference Number.

D—Management Control Number.

P—Other Numbers.

**(28d) NSN or Part Number.** Enter National Stock Number, Manufacturer's Part Number, or other number, as identified in block 28c, for the required part.

**(28e) SFX CD.** It applicable, enter Suffix Identification Code. This code allows the operator to use the same record key (i.e., work order number, task number, identification code, and NSN), when adding the same NSN to a file. It enables the operator to bypass edits that normally it would reject as being duplicate. Each new entry should be in sequential order. (Blank, A–Z, 0–9 are the allowed entries.)

**(28f) Qty Rqd.** Enter quantity of parts required.

**(28g) Qty Issued.** When part(s) is issued to mechanic, enter quantity of part(s) issued.

**(28h) NMCS CD.** If failure to get a part caused the item to become NMCS, enter “Y”(YES). If item will not become NMCS, enter “N”(NO).

**(28i) Failure Code.** Leave blank.

**(28j) Storage Location.** If SSL item, enter Storage Location Code. If not, leave blank.

**(28k) Initials.** Enter initials of SSL clerk releasing parts to mechanic.

**(28l) Cost.** Leave blank or use as needed locally.

**(28m) Total Man–hours.** Enter total of man–hours of block 27 from all pages (DA Forms 2407 and 2407–1.)

**(28n) Total Man–hours Cost.** Leave blank or use as needed locally.

**(28o) Total Parts Costs.** Leave blank or use as needed locally.

## **SECTION VII—Action Signatures.**

**(35a) Accepted By.** The person accepting the work request enters first initial and last name in this block.

**(35b) STATUS.** Enter the work request status code. Appendix B, Table B–21, lists these codes.

**(35c) Date.** Enter ordinal date accepted (YYDDD).

**(35d) Time.** Enter the military time that the work was started.

**(36a) Work Started By.** The person assigned the work enters first initial and last name in this block.

**(36b) Status.** Enter the completed work request status code. Appendix B lists these codes.

**(36c) Date.** Enter the ordinal date the work was completed (YYDDD).

**(36d) Time.** Enter the military time that the inspection was completed.

**(37a) Inspected By.** The person clearing the work enters first initial and last name in this block.

**(37b) Status.** Enter the work request status code. Appendix B lists these codes.

**(37c) Date.** Enter the ordinal date the inspection was completed.

**(37d) Time.** Enter the military time that the inspection was completed.

**(38a) Picked Up By.** The person picking up the equipment for the owner enters first initial and last name in this block.

**(38b) Status.** The support maintenance clerk enters work request status code “U”(picked up). Appendix B lists work request status codes.

**(38c) Date.** Enter the ordinal date the equipment was picked up.

**(38d) Time.** Enter the military time that the equipment was picked up.



**(3a) Work Order Number (WON).** Enter WON (see paragraph 3–6c for assignment of WONs).

**(3b) Shop.** Enter shop section code. These codes are assigned to uniquely identify a particular maintenance shop section. Codes A through Z are assigned locally by each maintenance battalion operating SAMS. Examples: A =Automotive Shop, B =Battery Shop, C =Commo Shop, etc.

**(3c) Phone No.** Enter the phone number of the Maintenance Activity.

**(4a) UIC Support Unit.** Enter the UIC of the Maintenance Activity.

**(4b) Support Unit Name.** Enter the unit name of the Maintenance Activity.

### SECTION III—Equipment Data.

**Items 5–13 and 15–23 to be filled out by requesting unit.** (See Figure 3–15.)

**(14) Malfunction Description (For DSU/GSU Use).** Leave blank.

**(24) Describe Deficiencies or Symptoms** Print “Request ECOD.”

**(25) Remarks.** Print “Total Cost of ECOD.” Figures from blocks 28n and 28o will be added and put in this block.

**(26) Technical References.** Enter the reference TM or technical publication.

**SECTION IV—Task Requirements Data.** This section of the work order can be used in various ways by the support maintenance activity. Enter one task repair action for the work order; one task for each center/shop section that is to work on the equipment; or a task management to allow the capturing of man hours expended on the equipment. The task sequence number is not to be confused with work order request status code changes.

**(27a) File Input Act CD.** Enter file input action code.

A—Addition of a new record file.

C—Correction to the file records.

D—Deletion of record from the file.

**(27b) Task No.** Enter the task number. The use of this field is up to the support maintenance activity. However, at least one character (letter or number) must be used and task numbers must be different for each task listed. Some of the various ways this field can be used follows:

(a) Single task (e.g., task number 1) for all work needed to be done.

(b) A task for each work center/shop section for work needed to be done at each work center/shop section. The task number can be the shop section code.

(c) A task for each action specified to be done by inspectors. The task number can be the character for the shop followed by a different number for each task. For example, tasks A1, A2, and A3 for the automotive section and tasks S1 and S2 for the service section.

**(27c) Act Code.** Enter Action Code. Table B–5 lists these codes.

**(27d) Task Description.** Enter brief description of task to be accomplished.

**(27e) Qty To Be Rpr.** Enter number of items to be repaired or leave blank.

**(27f) Work Center.** Enter the Work Center Code of the shop that will do the task. (See unit SOP.)

**(27g) Failure Code.** Leave blank.

**(27h) MH Proj.** Enter number of man–hours projected to accomplish the task.

**(27i) MH Exp.** After completion, enter number of man–hours actually expended to accomplish the task.

**SECTION V—Part Requirements.** Note: Leave items 28a–28l blank or use as needed locally.

**(28m) Total Man–hours.** Enter total man–hours from DA Form 2404, Step 5. (See Figure 3–13, Preparation instructions for preparing DA Form 2404 for ECOD.)

**(28n) Total Man–hour Costs.** Enter total man–hour costs from DA Form 2404, Step 6. (See Figure 3–13, Preparation instructions for preparing DA Form 2404 for ECOD.)

**(28o) Total Parts Costs.** Enter total parts costs from DA Form 2404, Step 10. (See figure 3–13, Preparation instructions for preparing DA Form 2404 for ECOD.)

Note: (Blocks 28n and 28o will be added and put in Block 25 by “Total Cost of ECOD.”)

### SECTION VI—Completion Data.

**(29) Qty Rpr.** Leave blank.

**(30) City Condemn.** Leave blank.

**(31) City NRTS.** Leave blank.

**(32) Evac WON.** Leave blank.

**(33) Evac Unit Name.** Leave blank.

### SECTION VII—Action Signatures.

**(35a) Accepted By.** The person accepting the work request enters first initial and last name in this block.

**(35b) Status.** Enter the work request status code. Appendix B, Table B–21, lists these codes.

**(35c) Date.** Enter ordinal date accepted (YYDDD).

**(35d) Time.** Enter the military time that the work was started.

**(36a) Work Started By.** The person assigned the work enters first initial and last name in this block.

**(36b) Status.** Enter the completed work request status code. Appendix B lists these codes.

**(36c) Date.** Enter the ordinal date the work was completed (YYDDD).

**(36d) Time.** Enter the military time that the inspection was completed.

**(37a) Inspected By.** The person clearing the work enters first initial and last name in this block.

**(37b) Status.** Enter the work request status code. Appendix B lists these codes.

**(37c) Date.** Enter the ordinal date the inspection was completed.

**(37d) Time.** Enter the military time that the inspection was completed.

**(38a) Picked Up By.** The person picking up the equipment for the owner enters first initial and last name in this block.

**(38b) Status.** The support maintenance clerk enters work request status code “U”(picked up). Appendix B lists work request status codes.

**(38c) Date.** Enter the ordinal date the equipment was picked up.

**(38d) Time.** Enter the military time that the equipment was picked up.

| MAINTENANCE REQUEST<br>For use of this form, see DA PAM 738-750 and 738-751;<br>the proponent agency is DCSLOG                                                                                                                                                 |                                         |                          |                                                                                           |                                                                                              |                                    |                      |                                               |                   |                       | PAGE NO<br>1                           | NO OF PAGES<br>1  | REQUIREMENT CONTROL SYMBOL<br>CSGLD-1047(R1) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------|----------------------|-----------------------------------------------|-------------------|-----------------------|----------------------------------------|-------------------|----------------------------------------------|
| SECTION I - CUSTOMER DATA                                                                                                                                                                                                                                      |                                         |                          |                                                                                           |                                                                                              |                                    |                      |                                               |                   |                       | SECTION II - MAINTENANCE ACTIVITY DATA |                   |                                              |
| 1a. UIC CUSTOMER<br>WX3B.F.C                                                                                                                                                                                                                                   | 1b. CUSTOMER UNIT NAME<br>42nd Maint Co | 1c. PHONE NO<br>645-9727 | 3a. WORK ORDER NUMBER (WON)<br>ACDRAA212345                                               | 3b. SHOP<br>A                                                                                | 3c. PHONE NO<br>645-9918           |                      |                                               |                   |                       |                                        |                   |                                              |
| 2a. SAMS-2 UIC/SAMS-1/DA                                                                                                                                                                                                                                       | 2b. UTILIZATION CODE<br>Φ               | 2c. MCSR<br>Y            | 4a. UIC SUPPORT UNIT<br>WX3B.Y.F                                                          | 4b. SUPPORT UNIT NAME<br>ACo 710th Maint Bn                                                  |                                    |                      |                                               |                   |                       |                                        |                   |                                              |
| SECTION III - EQUIPMENT DATA                                                                                                                                                                                                                                   |                                         |                          |                                                                                           |                                                                                              |                                    |                      |                                               |                   |                       |                                        |                   |                                              |
| 5. TYPE MNT REQ CODE                                                                                                                                                                                                                                           | 6. ID<br>A                              | 7. NSN<br>2320011077155  | 15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code)<br>See 738-750 and 738-751 |                                                                                              |                                    |                      |                                               |                   |                       |                                        |                   |                                              |
| 8. MODEL<br>M998                                                                                                                                                                                                                                               | 9. NOUN<br>Trk 14.1 Cgo 14.2            |                          |                                                                                           | 15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code)<br>See 738-750 and 738-751 |                                    |                      | 16a. MILES/KILOMETERS/HOURS/ROUNDS<br>M 358 K |                   |                       |                                        |                   |                                              |
| 10a. ORG WON/DOC NO<br>X3B.F.C.Φ3000311                                                                                                                                                                                                                        | 10b. EK<br>B.B.D                        |                          |                                                                                           |                                                                                              | 16b. H R                           |                      |                                               |                   |                       |                                        |                   |                                              |
| 11. SERIAL NUMBER<br>132152                                                                                                                                                                                                                                    | 12. QTY<br>Φ1                           | 13. PD<br>Φ3             | 17. PROJECT CODE<br>(if assigned)                                                         | 18. ACCOUNT PROCESSING CODE                                                                  | 19. IN WARRANTY?<br>(enter Y or N) | 20. ADMIN NO<br>Y 15 |                                               |                   |                       |                                        |                   |                                              |
| 14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)<br>Neutral, Roid, Rient                                                                                                                                                                             |                                         |                          | 21. REIMBURSABLE CUSTOMER (if intransit customer enter Y or N)                            |                                                                                              |                                    |                      |                                               |                   |                       |                                        |                   |                                              |
| 22. LEVEL OF WORK<br>F                                                                                                                                                                                                                                         |                                         |                          | 23. SIGNATURE<br>Robert Hebert                                                            |                                                                                              |                                    |                      |                                               |                   |                       |                                        |                   |                                              |
| 24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)<br>Shifts hard, linkage bent, neutral red too short, Field opns. Factory installed neutral red that is too short. |                                         |                          |                                                                                           |                                                                                              |                                    |                      |                                               |                   |                       |                                        |                   |                                              |
| 25. REMARKS<br>Start date: Jan 92<br>Ted Colburn DSN 645-9694 WX3BFA Contract #DAAG095-C126                                                                                                                                                                    |                                         |                          |                                                                                           |                                                                                              |                                    |                      |                                               |                   |                       |                                        |                   |                                              |
| 26. TECHNICAL REFERENCES                                                                                                                                                                                                                                       |                                         |                          |                                                                                           |                                                                                              |                                    |                      |                                               |                   |                       |                                        |                   |                                              |
| SECTION IV - TASK REQUIREMENTS DATA                                                                                                                                                                                                                            |                                         |                          |                                                                                           |                                                                                              |                                    |                      |                                               |                   |                       |                                        |                   |                                              |
| 27a. FILE INPUT ACT CD                                                                                                                                                                                                                                         | 27b. TASK NO                            | 27c. ACT CODE            | 27d. TASK DESCRIPTION                                                                     | 27e. QTY TO BE RPR                                                                           | 27f. WORK CENTER                   | 27g. FAILURE CODE    | 27h. MH PROJ                                  | 27i. MH EXP       |                       |                                        |                   |                                              |
| A                                                                                                                                                                                                                                                              | 1                                       | F                        | Initial Inspection                                                                        | Φ1                                                                                           | Insp                               |                      |                                               | 5                 |                       |                                        |                   |                                              |
| A                                                                                                                                                                                                                                                              | 1                                       | A                        | Replace Rod                                                                               | Φ1                                                                                           | Auto                               | 38.1                 |                                               | 1                 |                       |                                        |                   |                                              |
| A                                                                                                                                                                                                                                                              | 2                                       | G                        | Final Inspection                                                                          | Φ1                                                                                           | Insp                               |                      |                                               | 5                 |                       |                                        |                   |                                              |
| SECTION V - PART REQUIREMENTS                                                                                                                                                                                                                                  |                                         |                          |                                                                                           |                                                                                              |                                    |                      |                                               |                   |                       |                                        |                   |                                              |
| 28a. FILE INPUT ACT CD                                                                                                                                                                                                                                         | 28b. TASK NO                            | 28c. ID NO               | 28d. NSN OR PART NUMBER                                                                   | 28e. SFX CD                                                                                  | 28f. QTY REQ                       | 28g. QTY ISSUED      | 28h. NMCS CD                                  | 28i. FAILURE CODE | 28j. STORAGE LOCATION | 28k. INITIALS                          | 28l. COST \$      |                                              |
| A                                                                                                                                                                                                                                                              | 1                                       | A                        | 2320015102538                                                                             | 1                                                                                            | Φ1                                 | Φ1                   | N                                             | 38.1              | 15-110                | RS                                     | 58.0              |                                              |
| 28m. TOTAL MANHOURS<br>2                                                                                                                                                                                                                                       |                                         |                          |                                                                                           |                                                                                              |                                    |                      |                                               |                   |                       |                                        |                   |                                              |
| 28n. TOTAL MANHOURS COSTS \$<br>15.030                                                                                                                                                                                                                         |                                         |                          |                                                                                           |                                                                                              |                                    |                      |                                               |                   |                       |                                        |                   |                                              |
| 28o. TOTAL PARTS COSTS \$<br>58.010                                                                                                                                                                                                                            |                                         |                          |                                                                                           |                                                                                              |                                    |                      |                                               |                   |                       |                                        |                   |                                              |
| SECTION VI - COMPLETION DATA                                                                                                                                                                                                                                   |                                         |                          |                                                                                           |                                                                                              |                                    |                      |                                               |                   |                       |                                        |                   |                                              |
| 29. QTY RPR                                                                                                                                                                                                                                                    | 30. QTY CONDEMN                         | 31. QTY NRTS             | 32. EVAC WON                                                                              | 33. EVAC UNIT NAME                                                                           |                                    |                      |                                               |                   |                       |                                        |                   |                                              |
| SECTION VII - ACTION SIGNATURES                                                                                                                                                                                                                                |                                         |                          |                                                                                           |                                                                                              |                                    |                      |                                               |                   |                       |                                        |                   |                                              |
| 34a. SUBMITTED BY<br>R. Spurlink                                                                                                                                                                                                                               | 35a. ACCEPTED BY<br>M. Powell           | 35c. DATE<br>9.30.15     | 36a. WORK STARTED BY<br>M. Carlson                                                        | 37a. INSPECTED BY<br>M. Powell                                                               | 38a. PICKED UP BY<br>R. Spurlink   |                      |                                               |                   |                       |                                        |                   |                                              |
| 34b. DATE<br>9.30.15                                                                                                                                                                                                                                           | 35b. STATUS<br>A                        | 35d. TIME<br>1000        | 36b. STATUS<br>B                                                                          | 36c. DATE<br>9.30.16                                                                         | 36d. TIME<br>0815                  | 37b. STATUS<br>F     | 37c. DATE<br>9.30.15                          | 37d. TIME<br>1520 | 38b. STATUS<br>U      | 38c. DATE<br>9.30.17                   | 38d. TIME<br>1630 |                                              |

DA FORM 2407, JUL 84

FILE COPY 5

Figure 3-20. Sample of a completed DA Form 2407 used for warranty claim actions

Legend for Figure 3-20:

Completion instructions for DA Form 2407 for warranty claim actions (WCA)

## SECTION I—Customer Data.

Note: Blocks (BLK) 1, 5, 6, 7, 10a, 10b, 11, 12, 13, 15, 16, 20, and 24

are mandatory if equipment is inoperable. Inoperable equipment is equipment that is NMC, in accordance with AR 700-138, a subsystem of a reportable weapon system, or command maintenance significant.

(1a) UIC Customer. Enter the UIC of the customer that owns the equipment.

**(1b) Customer Unit Name.** Enter the name of the unit identified by the UIC in block 1a.

**(1c) Phone No.** Enter the phone number of the unit identified by the UIC in block 1a.

**(2a) SAMS-2 UIC/SAMS-I/TDA.** If in transit, enter the UIC of the SAMS-2 or SAMS-I/TDA unit.

**(2b) Utilization Code.** Enter Utilization Code. See Appendix B.

**(2c) MCSR Item.** Print the word "Yes" or the letter "Y" if the item is reported under AR 700-138. This also applies to components and subsystems of an item/system that is reportable. If not, leave this block blank.

**SECTION II—Maintenance Activity Data.** To be completed by support maintenance DSU/GSU/AVIM/DEPOT.

**SECTION III—Equipment Data.**

**(5) Type Mnt Req Code.** Enter the Type Maintenance Request Code. Appendix B, Table B-20, lists the codes.

**(6) ID.** Enter the Identification (ID) Code as shown below that identifies the type of number you will enter in Block 7:

A—National/NATO Stock Number.

C—Manufacturer's Code and Reference Number (Part Number).

D—Management Control Number (MCN).

P—Other Numbers.

**(7) NSN.** Enter the National Stock Number or appropriate number identified in Block 6.

**(8) Model.** Enter model number.

**(9) Noun.** Enter noun nomenclature of item.

**(10a) ORGWON/DOC NO.** Enter organization work order number or organization document number. For assignment of organization work order number (ORGWON), see Paragraph 3-46c.

**(10b) EIC.** Enter the end item code (EIC). See AMDF.

**(11) Serial Number.**

a. Enter the serial number of the item in Block 9.

b. For nontactical wheeled vehicles, use the registration number.

c. For ammunition, use the lot number.

d. For watercraft, use DA Hull number.

e. Leave blank if the form is used for more than one item.

f. Leave blank if equipment has more than one serial number.

g. Mandatory entry if equipment is INOP.

**(12) Qty.** Enter the number of items. (Must be only one item listed if equipment is reportable under AR 700-138 and is NMC.)

**(13) PD.** Enter the Priority Designator. (See DA Pam 710-2-1).

**(14) Malfunction Description.** (DS, GS, AVIM, Depot Use.)

**(15a) Failure Detected During/When Discovered Code.** Leave blank.

**(15b) First Indication of Trouble/How Recognized Code.** Leave blank.

**(16a) Miles/ Kilometers/ Hours/Rounds.** Enter the miles or kilometers from the odometer on the equipment beside the "M" or "K" Round to the nearest mile or kilometer. If the equipment has no odometer, leave blank. Enter the hour reading (to the nearest hour) beside the "H" from the hour meter mounted on the equipment. If the equipment has no meter, leave blank. Enter the total equivalent full charge (EFC) rounds fired beside the "R". See the item's DA Form 2408-4. If rounds do not apply to the equipment, leave blank.

**(17) Project Code.** Enter the project code it one has been assigned. If not, leave blank.

**(18) Account Processing Code.** Enter the Account Processing Code (APC) if required by your unit. The APC is a code prescribed locally for costing and budget identification of customers and organizations (reference TM 38-711-13). If not required, leave blank.

**(19) In Warranty?** Enter "Y" to indicate that equipment is still under manufacturer's warranty. Submit one work request for each serial numbered item.

**(20) Admin No.** Enter the bumper number, materiel control number, or administrative number assigned to the item of equipment.

**(21) Reimbursable Customer.** For DSU/GSU/AVIM/Depot use.

**(22) Level of Work.** Enter code for level of work from Table B-24.

**(23) Signature.** The commander or the commander's designated representative will sign for all priority 01 through 10 requests. This signature approves the use of the PD.

**(24) Describe Deficiencies or Symptoms.**

a. Enter brief, but specific description of failure as a result of complete checkout and diagnosis.

b. Include such factors as weather conditions and type of operations. Give your opinion of why it failed. If more room is needed, use DA Form 2407-1.

c. When the warranty technical bulletin provides instructions to ship the failed warranted item to another location, the WARCO will enter the "shipped to" DODAAC.

**(25) Remarks.**

a. Enter the warranty start date of the component/end item. That date will be the warranty decal on the item or on the DA Form 2408-9 of the item.

b. The WARCO will enter his or her name, complete phone number (DSN or commercial), UIC, and contract number.

**(26) Technical References.** Enter the referenced TM or technical publication.

**SECTION IV—Task Requirements Data.** This section of the work order can be used in various ways by the support maintenance activity. Enter one task repair action for the work order; one task for each center/shop section that is to work on the equipment, or a task management to allow the capturing of man-hours expended on equipment. The task sequence number is not to be confused with work request status code changes.

**(27a) File Input Act CD.** Enter file Input Action Code:

A—Addition of a new record file.

C—Correction to the file records.

D—Deletion of record from the file.

**(27b) Task No.** Enter the Task Number. The use of this field is up to the support maintenance activity. However, at least one character (letter or number) must be used and task numbers must be different for each task listed. Some of the various ways this field can be used follow:

a. A single task (e.g., task number 1) for all work needed to be done.

b. A task number for each work center/shop section for work needed to be done at each work center/shop section. The task number can be the shop section code.

c. A task for each action specified to be done by inspectors. The task number can then be the character for the shop followed by a different number for each task. For example, tasks At, A2, and A3 for the Automotive Section and tasks S1 and S2 for the Service Section.

**(27c) Act Code.** Enter Action Code. Table B-5 lists the action codes.

**(27d) Task Description.** Enter brief description of task to be accomplished.

**(27e) Qty To Be Rpr.** Enter number of items to be repaired or leave blank.

**(27f) Work Center.** Enter the Work Center Code of the shop that will do the task (see Unit SOP).

**(27g) Failure Code.** Enter Failure Code from Appendix B, Tables B-1 and B-2.

**(27h) MH Proj.** Enter number of man-hours projected to accomplish the task.

**(27i) MH EXP.** After completion, enter number of man-hours actually expended to accomplish the task.

**SECTION V—Part Requirements.**

**(28a) File Input Act CD.** Enter the File Input Action Code:

A—Addition of a new record file.

C—Correction to the file records.

**(28b) Task No.** Enter the task number from Block 27b which granted the part requirement.

**(28c) ID No.** Enter Identifying Number. These codes identify the type of information in the NSN field:

A—National Stock Number.

C—Manufacturer's Code and Reference Number.

D—Management Control Number.

P—Other numbers.

**(28d) NSN or Part Number.** Enter National Stock Number, Manufacturer's Part Number, or other number, as identified in Block 28c, for the required part.

**(28e) SFX CD.** If applicable, enter Suffix Identification Code. This code allows the operator to use the same record key (i.e., work order number, task number, identification code, and NSN) when adding the same NSN to a file. It enables the operator to bypass edits that normally would reject as being duplicate. Each new entry should be in sequential order. (Blank, A–Z, and 0–9 are the allowed entries.)

**(28f) Qty Rqd.** Enter quantity of part(s) required.

**(28g) Qty Issued.** When part(s) is issued to mechanic, enter quantity of part(s) issued.

**(28h) NMCS CD.** If failure to get a part caused the item to become NMCS, enter "Y" (YES). If item will not become NMCS, enter "N" (NO).

**(28i) Failure Code.** Enter Failure Code from Appendix B, Tables B–1 and B–2.

**(28j) Storage Location.** If ASL item, enter Storage Location Code.

**(28k) Initials.** Enter initials of ASL clerk releasing part to mechanic.

**(28l) Cost.** Leave blank or use as needed locally.

**(28m) Total Man–hours.** Enter total of man–hours of block 27 from all pages (DA Forms 2407 and 2407–1).

**(28n) Total Man–hours Costs.** Leave blank or use as needed locally.

**(28o) Total Parts Cost.** Leave blank or use as needed locally.

#### **SECTION VII. Action Signatures.**

**(34a) Submitted By.** The person sending in the DA Form 2407 enters first initial and last name in this block.

**(34b) Date.** The person signing the forms enters the ordinal date the form was given to support maintenance.

**(35a) Accepted By.** The person accepting the work request enters first initial and last name in this block.

**(35b) Status.** Enter the work request status codes. Appendix B, Table B–21, lists these codes.

**(35c) Date.** Enter ordinal date accepted (YYDDD).

**(35d) Time.** Enter the military time that the work was started.

**(36a) Work Started By.** The person assigned the work enters first initial and last name in this block.

**(36b) Status.** Enter the completed work request status code. Appendix B lists these codes.

**(36c) Date.** Enter the ordinal date the work was completed (YYDDD).

**(36d) Time.** Enter the military time that the inspection was completed.

**(37a) Inspected By.** The person clearing the work enters the first initial and last name in this block.

**(37b) Status.** Enter the work request status code. Appendix B lists these codes.

**(37c) Date.** Enter the ordinal date the inspection was completed.

**(37d) Time.** Enter the military time that the inspection was completed.

**(38a) Picked Up By.** The person picking up the equipment for the owner enters first initial and last name in this block.

**(38b) Status.** The support maintenance clerk enters work request status code "U" (picked up). Appendix B lists these codes.

**(38c) Date.** Enter the ordinal date the equipment was picked up.

**(38d) Time.** Enter the military time that the equipment was picked up.

| MAINTENANCE REQUEST<br>For use of this form, see DA PAM 738-750 and 738-751;<br>the proponent agency is DCSLOG                                                                                    |                                      |                                                                                                     |                                                                                                | PAGE NO<br>1                                     | NO OF PAGES<br>1                        | REQUIREMENT CONTROL SYMBOL<br>CSGLD-1047(R1) |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------------------------|----------------------------------------------|--------------|
| SECTION I - CUSTOMER DATA                                                                                                                                                                         |                                      |                                                                                                     |                                                                                                | SECTION II - MAINTENANCE ACTIVITY DATA           |                                         |                                              |              |
| 1a. UIC CUSTOMER<br>W.A.M. 7. B. 0                                                                                                                                                                | 1b. CUSTOMER UNIT NAME<br>3169 AR Bn | 1c. PHONE NO<br>683-3331                                                                            | 3a. WORK ORDER NUMBER (WON)<br>H8883293049160                                                  | 3b. SHOP<br>A                                    | 3c. PHONE NO<br>683-2242                |                                              |              |
| 2a. SAMS-2 UIC/SAMS-UTDA                                                                                                                                                                          | 2b. UTILIZATION CODE<br>0            | 2c. MCSR                                                                                            | 4a. UIC SUPPORT UNIT<br>W.H. 8. 8. B. 2                                                        | 4b. SUPPORT UNIT NAME<br>203 CS Bn               |                                         |                                              |              |
| SECTION III - EQUIPMENT DATA                                                                                                                                                                      |                                      |                                                                                                     |                                                                                                |                                                  |                                         |                                              |              |
| 5. TYPE MNT REQ CODE<br>1                                                                                                                                                                         | 6. ID<br>A                           | 7. NSN<br>2350010871095                                                                             | 15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code)<br>See 738-750 and 738-751<br>A |                                                  |                                         |                                              |              |
| 8. MODEL<br>M1A1                                                                                                                                                                                  |                                      | 15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code)<br>See 738-750 and 738-751<br>099 |                                                                                                | 16a. MILES/KILOMETERS/HOURS/ROUNDS<br>M 10,500 K |                                         |                                              |              |
| 9. NOUN<br>Tank Combat 120mm                                                                                                                                                                      |                                      |                                                                                                     |                                                                                                | 16b. MILES/KILOMETERS/HOURS/ROUNDS<br>H R        |                                         |                                              |              |
| 10a. ORG WON/DOC NO<br>A.M. 7. B. 0 9. 8. 0. 0. 3. 0.                                                                                                                                             | 10b. EIC<br>A. A. B.                 |                                                                                                     |                                                                                                |                                                  |                                         |                                              |              |
| 11. SERIAL NUMBER<br>63188                                                                                                                                                                        | 12. QTY<br>1                         | 13. PD<br>016                                                                                       | 17. PROJECT CODE<br>(if assigned)                                                              | 18. ACCOUNT PROCESSING CODE                      | 19. IN WARRANTY?<br>(Enter Y or N)<br>Y | 20. ADMIN NO<br>316                          |              |
| 14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)<br>Eng. w/o mnt. + start.                                                                                                              |                                      |                                                                                                     | 21. REIMBURSABLE CUSTOMER (if intransit customer enter Y or N)                                 |                                                  |                                         |                                              |              |
| 24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)<br>Engine case cracked. Task #1 ID: A 23501-216-8639 |                                      |                                                                                                     | 22. LEVEL OF WORK<br>F                                                                         |                                                  |                                         |                                              |              |
| 23. SIGNATURE<br>Charles Daniels                                                                                                                                                                  |                                      |                                                                                                     |                                                                                                |                                                  |                                         |                                              |              |
| 25. REMARKS<br>Old SN-1052 New SN-2489                                                                                                                                                            |                                      |                                                                                                     |                                                                                                |                                                  |                                         |                                              |              |
| 26. TECHNICAL REFERENCES                                                                                                                                                                          |                                      |                                                                                                     |                                                                                                |                                                  |                                         |                                              |              |
| SECTION IV - TASK REQUIREMENTS DATA                                                                                                                                                               |                                      |                                                                                                     |                                                                                                |                                                  |                                         |                                              |              |
| 27a. FILE INPUT ACT CD                                                                                                                                                                            | 27b. TASK NO                         | 27c. ACT CODE                                                                                       | 27d. TASK DESCRIPTION                                                                          | 27e. QTY TO BE RPR                               | 27f. WORK CENTER                        | 27g. FAILURE CODE                            | 27h. MH PROJ |
| A                                                                                                                                                                                                 | 11                                   | F                                                                                                   | Initial Inspection                                                                             | 01                                               | Ensp                                    |                                              | 5            |
| A                                                                                                                                                                                                 | 11                                   | A                                                                                                   | Replace Engine                                                                                 | 01                                               | Auto                                    | 0710                                         | 12           |
| A                                                                                                                                                                                                 | 12                                   | G                                                                                                   | Final Inspection                                                                               | 01                                               | Ensp                                    |                                              | 5            |
| SECTION V - PART REQUIREMENTS                                                                                                                                                                     |                                      |                                                                                                     |                                                                                                |                                                  |                                         |                                              |              |
| 28a. FILE INPUT ACT CD                                                                                                                                                                            | 28b. TASK NO                         | 28c. ID NO                                                                                          | 28d. NSN OR PART NUMBER                                                                        | 28e. SFX CD                                      | 28f. QTY REQ                            | 28g. QTY ISSUED                              | 28h. NMCS CD |
| A                                                                                                                                                                                                 | 11                                   | A                                                                                                   | 235012168639                                                                                   |                                                  | 01                                      | 01                                           | Y            |
|                                                                                                                                                                                                   |                                      |                                                                                                     |                                                                                                | 28i. FAILURE CODE                                | 28j. STORAGE LOCATION                   | 28k. INITIALS                                | 28l. COST \$ |
|                                                                                                                                                                                                   |                                      |                                                                                                     |                                                                                                | 0705-F                                           |                                         | CL                                           | 26135.00     |
| 28m. TOTAL MANHOURS<br>13                                                                                                                                                                         |                                      |                                                                                                     |                                                                                                | 28n. TOTAL MANHOURS COSTS \$<br>7,381.60         |                                         | 28o. TOTAL PARTS COSTS \$<br>261.35          |              |
| SECTION VI - COMPLETION DATA                                                                                                                                                                      |                                      |                                                                                                     |                                                                                                |                                                  |                                         |                                              |              |
| 29. QTY RPR                                                                                                                                                                                       |                                      | 30. QTY CONDEMN                                                                                     |                                                                                                | 31. QTY NRTS                                     |                                         | 32. EVAC WON                                 |              |
|                                                                                                                                                                                                   |                                      |                                                                                                     |                                                                                                |                                                  |                                         | 33. EVAC UNIT NAME                           |              |
| SECTION VII - ACTION SIGNATURES                                                                                                                                                                   |                                      |                                                                                                     |                                                                                                |                                                  |                                         |                                              |              |
| 34a. SUBMITTED BY<br>S. Ross                                                                                                                                                                      |                                      | 35a. ACCEPTED BY<br>P. Powell                                                                       |                                                                                                | 36a. WORK STARTED BY<br>R. Parker                |                                         | 37a. INSPECTED BY<br>D. March                |              |
| 34b. DATE<br>92228                                                                                                                                                                                |                                      | 35b. STATUS<br>A                                                                                    |                                                                                                | 36b. DATE<br>1015                                |                                         | 37b. STATUS<br>B                             |              |
| 34c. TIME<br>1300                                                                                                                                                                                 |                                      | 35c. TIME<br>1300                                                                                   |                                                                                                | 36c. TIME<br>1300                                |                                         | 37c. TIME<br>1300                            |              |
| 34d. TIME<br>1300                                                                                                                                                                                 |                                      | 35d. TIME<br>1300                                                                                   |                                                                                                | 36d. TIME<br>1300                                |                                         | 37d. TIME<br>1300                            |              |
| 34e. TIME<br>1300                                                                                                                                                                                 |                                      | 35e. TIME<br>1300                                                                                   |                                                                                                | 36e. TIME<br>1300                                |                                         | 37e. TIME<br>1300                            |              |
| 34f. TIME<br>1300                                                                                                                                                                                 |                                      | 35f. TIME<br>1300                                                                                   |                                                                                                | 36f. TIME<br>1300                                |                                         | 37f. TIME<br>1300                            |              |
| 34g. TIME<br>1300                                                                                                                                                                                 |                                      | 35g. TIME<br>1300                                                                                   |                                                                                                | 36g. TIME<br>1300                                |                                         | 37g. TIME<br>1300                            |              |
| 34h. TIME<br>1300                                                                                                                                                                                 |                                      | 35h. TIME<br>1300                                                                                   |                                                                                                | 36h. TIME<br>1300                                |                                         | 37h. TIME<br>1300                            |              |
| 34i. TIME<br>1300                                                                                                                                                                                 |                                      | 35i. TIME<br>1300                                                                                   |                                                                                                | 36i. TIME<br>1300                                |                                         | 37i. TIME<br>1300                            |              |
| 34j. TIME<br>1300                                                                                                                                                                                 |                                      | 35j. TIME<br>1300                                                                                   |                                                                                                | 36j. TIME<br>1300                                |                                         | 37j. TIME<br>1300                            |              |
| 34k. TIME<br>1300                                                                                                                                                                                 |                                      | 35k. TIME<br>1300                                                                                   |                                                                                                | 36k. TIME<br>1300                                |                                         | 37k. TIME<br>1300                            |              |
| 34l. TIME<br>1300                                                                                                                                                                                 |                                      | 35l. TIME<br>1300                                                                                   |                                                                                                | 36l. TIME<br>1300                                |                                         | 37l. TIME<br>1300                            |              |
| 34m. TIME<br>1300                                                                                                                                                                                 |                                      | 35m. TIME<br>1300                                                                                   |                                                                                                | 36m. TIME<br>1300                                |                                         | 37m. TIME<br>1300                            |              |
| 34n. TIME<br>1300                                                                                                                                                                                 |                                      | 35n. TIME<br>1300                                                                                   |                                                                                                | 36n. TIME<br>1300                                |                                         | 37n. TIME<br>1300                            |              |
| 34o. TIME<br>1300                                                                                                                                                                                 |                                      | 35o. TIME<br>1300                                                                                   |                                                                                                | 36o. TIME<br>1300                                |                                         | 37o. TIME<br>1300                            |              |
| 34p. TIME<br>1300                                                                                                                                                                                 |                                      | 35p. TIME<br>1300                                                                                   |                                                                                                | 36p. TIME<br>1300                                |                                         | 37p. TIME<br>1300                            |              |
| 34q. TIME<br>1300                                                                                                                                                                                 |                                      | 35q. TIME<br>1300                                                                                   |                                                                                                | 36q. TIME<br>1300                                |                                         | 37q. TIME<br>1300                            |              |
| 34r. TIME<br>1300                                                                                                                                                                                 |                                      | 35r. TIME<br>1300                                                                                   |                                                                                                | 36r. TIME<br>1300                                |                                         | 37r. TIME<br>1300                            |              |
| 34s. TIME<br>1300                                                                                                                                                                                 |                                      | 35s. TIME<br>1300                                                                                   |                                                                                                | 36s. TIME<br>1300                                |                                         | 37s. TIME<br>1300                            |              |
| 34t. TIME<br>1300                                                                                                                                                                                 |                                      | 35t. TIME<br>1300                                                                                   |                                                                                                | 36t. TIME<br>1300                                |                                         | 37t. TIME<br>1300                            |              |
| 34u. TIME<br>1300                                                                                                                                                                                 |                                      | 35u. TIME<br>1300                                                                                   |                                                                                                | 36u. TIME<br>1300                                |                                         | 37u. TIME<br>1300                            |              |
| 34v. TIME<br>1300                                                                                                                                                                                 |                                      | 35v. TIME<br>1300                                                                                   |                                                                                                | 36v. TIME<br>1300                                |                                         | 37v. TIME<br>1300                            |              |
| 34w. TIME<br>1300                                                                                                                                                                                 |                                      | 35w. TIME<br>1300                                                                                   |                                                                                                | 36w. TIME<br>1300                                |                                         | 37w. TIME<br>1300                            |              |
| 34x. TIME<br>1300                                                                                                                                                                                 |                                      | 35x. TIME<br>1300                                                                                   |                                                                                                | 36x. TIME<br>1300                                |                                         | 37x. TIME<br>1300                            |              |
| 34y. TIME<br>1300                                                                                                                                                                                 |                                      | 35y. TIME<br>1300                                                                                   |                                                                                                | 36y. TIME<br>1300                                |                                         | 37y. TIME<br>1300                            |              |
| 34z. TIME<br>1300                                                                                                                                                                                 |                                      | 35z. TIME<br>1300                                                                                   |                                                                                                | 36z. TIME<br>1300                                |                                         | 37z. TIME<br>1300                            |              |

Figure 3-21. Sample of a completed DA Form 2407 used for serial number tracking

Legend for Figure 3-21:

Completion instructions for DA Form 2407 to show work done at support maintenance for a serial number tracked item

Page No. Enter the page number when all needed entries are in Sections IV-VII. Enter page numbers as required.

No of Pages. Enter the total number of pages used when entries are in Sections IV-VII. Enter page numbers as required.

SECTION I—Customer Data This section will be filled in by the unit requesting the support maintenance.

SECTION II—Maintenance Activity Data

**(3a) Work Order Number (WON).** Enter WON (see paragraph 3–6c for assignment of WONs).

**(3b) Shop.** Enter shop section code. These codes are assigned to uniquely identify a particular maintenance shop section. Codes A–Z are assigned locally by each maintenance battalion operating SAMS. Examples: A =Automotive Shop, B =Battery Shop, C =Commo Shop, etc.

**(3c) Phone No.** Enter the phone number of the maintenance activity.

**(4a) UIC Support Unit.** Enter the UIC of the maintenance activity.

**(4b) Support Unit Name.** Enter the unit name of the maintenance activity.

### SECTION III—Equipment Data.

**(14) Malfunction Description (for DS/GS use).** Enter a short description of the problem (16 position entry).

**(21) Reimbursable Customer.** Enter “Y” if the customer must pay for maintenance cost.

**(24) Describe Deficiencies.** Blocks 24 and 25 are used by the SAMS–1 work center foreman to enter appropriate SNT data. In block 24, enter the task no., the ID, and component NSN.

**(25) Remarks.** Enter the old serial number and new serial number, if applicable.

a. When the item in block 7 needs “onsite” or “deferred” maintenance, explain here. One of these entries will be made for onsite or deferred work:

(1) Maintenance request received on (date).

(2) Onsite repair scheduled for (date).

(3) Owner to return item on (date) for repair.

b. Block 35a will be filled in only when the onsite repair is started or the deferred item is brought back.

c. Print “OFIF candidate” when an OAF asset was issued or would have been issued if a serviceable OAF asset was available.

**(25) Technical References.** Enter the referenced TM or technical publication.

### SECTION IV—Task Requirements Data.

**(27a) File Input Act CD.** Enter file input action code:

A—Addition of a new record file.

C—Correction to file records.

D—Deletion of a record from the file.

**(27b) Task No.** Enter the task number. How to use this field is up to the support maintenance activity. However, at least one character (letter or number) must be used and task numbers must be different for each task listed. Some of the various ways this field can be used follow:

a. Single task (e.g., task number 1) for all work needed to be done.

b. A task for each work center/shop section for work needed to be done at each work center/shop section. The task number can be the shop section code.

c. A task for each action specified to be done by inspectors. The task number can then be the character for the shop followed by a different number for each task. For example, tasks A1, A2, and A3 for the automotive section and tasks S1, S2 and S3 for the service section.

**(27c) Act Code.** Enter action code. Table B–5 lists the action codes.

**(27d) Task Description.** Enter brief description of task to be accomplished.

**(27e) Qty To Be Rpr.** Enter number of items to be repaired.

**(27f) Work Center.** Enter the work center code of the shop that will do the task. (See unit SOP.)

**(27g) Failure Code.** Enter the failure code. Tables B–1 and B–2 list the failure codes.

**(27h) MH Proj.** Enter number of man–hours projected to accomplish the task.

**(27i) MH Exp.** After completion, enter number of man–hours actually expended to accomplish the task.

### SECTION V—Part Requirements.

**(28a) File Input Act CD.** Enter the file Input action code:

A—Addition of a new record file.

C—Correction to the file records.

**(28b) Task No.** Enter task number from block 26 which granted the part requirement.

**(28c) ID No.** Enter identifying number. These codes identify the type of information in the NSN field:

A—National Stock Number.

C—Manufacturer's Code and Reference Number.

D—Management Control Number.

P—Other Numbers.

**(28d) NSN or Part Number.** Enter National Stock Number, manufacturer's part number, or other number as identified in block 28c, for the required part.

**(28e) SFX CD.** If applicable, enter suffix identification code. This code allows the operator to use the same record key (i.e., work order number, task number, identification code, and NSN) when adding the same NSN to a file. It enables the operator to bypass edits that normally would reject as being duplicate. Each new entry should be in sequential order. (Blank, A–Z, and 0–9 are the allowed entries.)

**(28f) Qty Rqd.** Enter quantity of part(s) required.

**(28g) Qty Issued.** When part(s) is issued to mechanic, enter quantity of part(s) issued.

**(28h) NMCS Cd.** If failure to get part caused the item to become NMCS, enter “Y” (yes). If item will not become NMCS, enter “N” (no).

**(28i) Failure Code.** Enter the failure code. Tables B–1 and B–2 list failure codes.

**(28j) Storage Location.** If ASL item, enter storage location code.

**(28k) Initials.** Enter initials of ASL clerk releasing part to mechanic.

**(28l) Cost.** Enter Total Cost. (Multiply 28g by the AMDF unit price, and enter total (i.e., \$50 x 3=\$150.)

**(28m) Total Man–hours.** Enter total man–hours of block 27 from all pages (DA Forms 2407 and 2407–1).

**(28n) Total Man–hours Costs.** Enter total man–hour cost. You get this figure by multiplying the current local labor rate times the total number of man–hours used in 28m.

**(28o) Total Parts Cost.** Enter total cost of all blocks 28l of all pages (DA Forms 2407 and 2407–1).

### SECTION VI—Completion Data.

**(29) Qty Rpr.** Enter quantity of items repaired.

**(30) Qty Condemn.** Enter quantity of items condemned.

**(31) Qty NRTS.** Enter quantity of items not repairable at the repair activity.

**(32) Evac WON.** If item is evacuated, enter work order number assigned by receiving maintenance unit.

**(33) Evac Unit Name.** Enter name of unit to whom item is evacuated.

### SECTION VII—Action Signatures.

**(35a) Accepted By.** The person accepting the work order enters first initial and last name in this block.

**(35b) Status.** Enter the work request status code. Appendix B, Table B–21, lists these codes.

**(35c) Date.** Enter ordinal date accepted (YYDDD).

**(35d) Time.** Enter the military time that the work was started.

**(36a) Work Started By.** The person assigned the work enters first initial and last name in this block.

**(36b) Status.** Enter the completed work request status code. Appendix B lists these codes.

**(36c) Date.** Enter the ordinal date the work was completed (YYDDD).

**(36d) Time.** Enter the military time that the inspection was completed.

**(37a) Inspected By.** The person clearing the work enters first initial and last name in this block.

**(37b) Status.** Enter the work request status code. Appendix B lists these codes.

**(37c) Date.** Enter the ordinal date the inspection was completed.

**(37d) Time.** Enter the military time that the inspection was completed.

**(38a) Picked Up By.** The person picking up the equipment for the owner enters first initial and last name in this block.

**(38b) Status.** The support maintenance clerk enters work request

status code "U"(picked up). Appendix B lists the work request status codes.

**(38c) Date.** Enter the ordinal date the equipment was picked up.

**(38d) Time.** Enter the military time that the equipment was picked up.

[illegible]



the DA Form 2408–14 only when they require a repair or definitive action. Class III leaks are deficiencies. Repair of Class III leaks will not be deferred.

g. Do not list faults that are on a support DA Form 2407 for repair, except support work order requests that do not render the equipment NMC (i.e., Communication shelters).

**(d) Date.** Enter the calendar date the entry was transcribed to DA Form 2408–14.

**(e) Entry Approved (Signature).** The commander or the commander's designated representative will sign in this block when the entry is made. Enter first name and last name.

**(f) Date.** Enter the calendar date the fault was actually corrected or transcribed to DA Form 2407. The individual correcting the fault will enter his or her last name initial over the status symbol in column a.

G- 1387507

| FACILITY MAINTENANCE LOG |                    |                                      | STATION<br>CAMP HUMPHREYS, KORRA                | MONTH AND YEAR<br>JANUARY 1993      |  |
|--------------------------|--------------------|--------------------------------------|-------------------------------------------------|-------------------------------------|--|
|                          |                    |                                      | SUBJECT OF LOG<br>VOR                           |                                     |  |
| DATE                     | TIME<br>(24 HOURS) | CODE                                 | REMARKS                                         | INITIALS                            |  |
| 4                        | 0745               |                                      | FIRST ENTRY MONTH OF JANUARY                    | TC                                  |  |
|                          | 0745               |                                      | ARRIVED SITE TO PERFORM MONTHLY GROUND          |                                     |  |
|                          |                    |                                      | CHECKS. SYSTEM NORMAL. TRANSMITTER #1           |                                     |  |
|                          |                    |                                      | ON AIR. TRANSMITTER #2 ON STANDBY.              | TC                                  |  |
|                          | 0800               |                                      | RECEIVED PERMISSION FROM E.H. TO REMOVE         |                                     |  |
|                          |                    |                                      | STATION FROM SERVICE FOR PMCS.                  | TC                                  |  |
|                          | 0900               |                                      | COMPLETED GROUND CHECKS OF BOTH                 |                                     |  |
|                          |                    |                                      | TRANSMITTERS IAW TM 11-5825-266-14-1,           |                                     |  |
|                          |                    |                                      | PARA 5-35 THROUGH PARA 5-38. DATA RECORDED      |                                     |  |
|                          |                    |                                      | ON VOR GROUND CHECK DATA SHEET. BOTH            |                                     |  |
|                          |                    |                                      | TRANSMITTERS WITHIN TM STANDARDS.               | TC                                  |  |
|                          | 0915               |                                      | SYSTEM RETURNED TO SERVICE. NOTIFIED E.H.       | TC                                  |  |
|                          | 0930               |                                      | DEPARTED SITE. SYSTEM NORMAL. TRANSMITTER       |                                     |  |
|                          |                    |                                      | #2 ON AIR. TRANSMITTER #1 ON STANDBY.           | TC                                  |  |
| 13                       | 1300               |                                      | ARRIVED SITE TO PERFORM SITE CLEANING AND       |                                     |  |
|                          |                    |                                      | ASL <sup>TC</sup> PLL INVENTORY. SYSTEM NORMAL. |                                     |  |
|                          |                    |                                      | TRANSMITTER #2 ON AIR. TRANSMITTER #1           |                                     |  |
|                          |                    |                                      | ON STANDBY.                                     | TC<br>DM                            |  |
|                          | 1320               |                                      | LOST COMMERCIAL POWER. EMERGENCY GENERATOR      |                                     |  |
|                          |                    |                                      | ON LINE. SYSTEM STILL NORMAL                    | TC<br>DM                            |  |
|                          | 1345               |                                      | COMMERCIAL POWER RESTORED.                      | TC<br>DM                            |  |
|                          | 1430               |                                      | COMPLETED SITE CLEANING AND PLL INVENTORY.      |                                     |  |
|                          |                    |                                      | NO PLL DISCREPANCIES FOUND.                     | TC<br>DM                            |  |
| DATE                     |                    | SIGNATURE OF SECTOR MANAGER/DESIGNEE |                                                 | DATE                                |  |
| 2 FEB 93                 |                    | Richard Dinnon                       |                                                 | 2 FEB 93                            |  |
|                          |                    |                                      |                                                 | SIGNATURE OF MAINTENANCE TECHNICIAN |  |
|                          |                    |                                      |                                                 | Terry Crouch                        |  |

FAA Form 6030-1 (10-70) FORMERLY FAA FORM 406C

☆ U.S. GOVERNMENT PRINTING OFFICE: 1989-762-654

Figure 3-24. Sample of a completed FAA Form 6030-1

☆ U.S. GOVERNMENT PRINTING OFFICE: 1960-782-554

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**Station.** Enter name of installation or tactical site designation (Examples: Fort Rucker; Sun FOC).

**Subject of Log.** Enter type of equipment or facility for which maintenance log applies (Examples: ILS; NDB; R-401 Tactical Site).

**Month and Year.** Enter calendar month and year for which maintenance form applies (Example: June 1992).

**Date.** Enter calendar day of month (Example: 6).

**Time.** Enter local time of entry using 24 hour clock (Example: 1430).

**Code.** Leave blank.

**Remarks.**

a. Begin a new page with each calendar month. On the first line, put "First Entry Month of \_\_\_\_\_."

b. After last entry of each month, state "Last Entry Month of \_\_\_\_\_." Draw a slash (/) through all unused lines.

c. Upon each visit, show "Arrived Site" and "Departed Site," and show what was found and/or done. As a minimum document the following:

(1) Purpose of site visit.

(2) Condition /configuration of site upon arrival.

(3) All actions or maintenance performed at site. Annotate change out of all circuit cards or electronic modules by nomenclature, National Stock Number (if one has been assigned), and/or manufacturer's part number.

(4) Condition/configuration of site at departure.

**Initials.** Initials of person making each entry.

**Date/Signature of Sector Manager/Designee.** Enter date of maintenance supervisor's review of log entries followed by maintenance supervisor's signature.

**Date/Signature of Maintenance Technician.** Enter date of last entry and signature of technician closing out maintenance log.

## Chapter 4 Nonaeronautical Equipment, Army Oil Analysis Program (AOAP)

### 4-1. Objectives

a. The AOAP is a condition monitoring program which is designed to—

(1) Improve equipment reliability and readiness by early detection of potential failures.

(2) Lower support costs by reducing the number of catastrophic failures and curtailing excessive component wear.

(3) Reduce resource usage by conserving petroleum products by adhering to the On Condition Oil Change (OCOC) policy. (See policy in (a) through c below:)

(a) This policy eliminates the wasteful requirement of changing component oil based on hours/miles/calendar days as currently specified by many TMs and LOs. Oil will not be changed unless recommended by the AOAP laboratory. When recommended, both the oil and the oil filter(s) will be changed at the same time.

*Note.* Oil filter(s) will be serviced/cleaned/changed when they are known to be contaminated, or clogged; service is recommended by AOAP laboratory analysis; or at prescribed hard time intervals as described in LO or TM.

(b) When a unit is deployed and oil analysis service is not readily available, the unit maintenance officer may authorize an oil and filter change when oil contamination is evident. A sample will be submitted to the laboratory as soon as AOAP service becomes available or the unit is redeployed, whichever comes first. The remarks block of the DD Form 2026 (Oil Analysis Request) accompanying this sample to the laboratory will be annotated to reflect the oil and filter change, because it may affect the trend analysis performed by the AOAP laboratory.

(c) The OCOC policy does not change or modify procedures and guidance for new equipment under manufacturer's warranty or seasonal oil change requirements in current TMs and LOs.

b. An effective AOAP is only possible when the AOAP is fully

integrated into the maintenance system. This chapter provides pertinent information and instructions to commanders and equipment users and encourages efficient performance of the AOAP.

c. AOAP is an effective maintenance diagnostic tool and not a maintenance substitute. This chapter will not be interpreted to mean AOAP minimizes, in any way, the need to employ good maintenance practices and strong maintenance discipline.

### 4-2. Description

a. Oil, hydraulic fluid, and grease analysis is used as a diagnostic tool to determine the physical condition of used lubricants and the internal condition of engines, transmission, hydraulic systems, and other fluid-wetted components.

b. Spectrometric analysis is used to determine the concentrations of various wear metals in oil samples. Wear metals are metal particles of microscopic size, produced by the friction of moving parts within mechanical systems, that enter the oil stream and are dispersed and suspended throughout the lubricating oil system. The kinds of metal particles, and the quantities in which they are present, are detected by spectroscopy. Analysis helps determine which component parts may have generated the particles. By periodically sampling and testing the lubricants from mechanical systems, abnormal wear can be detected, and worn parts can be repaired or replaced before they cause damage.

c. Physical property tests are analytical tests used to detect property changes in used oil. For example, changes in viscosity, fuel dilution, or water content may be indicative of faulty equipment, operating conditions, or maintenance procedures.

d. Ferrographic analysis is used as a supplemental oil analysis test on selected components to monitor wear metals that cannot be detected by spectrometric analysis. Ferrography is used not only to determine the size, shape, and type of wear-metal particles being generated by a piece of equipment, but also to determine the kind of wear (spalling, cutting, and rubbing) producing the wear-metal particles.

e. A resample is a sample specifically requested by the laboratory, of the same oil taken under the same condition as the previous sample.

f. Designated equipment/components are those enrolled in AOAP.

g. Contamination is a problem that most frequently affects sample integrity. Wear-metal, water, unusual color, and particular matter are indications of contamination.

h. Installation management reports are computer-generated reports provided by the laboratories to installation/unit monitors and others on a monthly or as requested basis.

### 4-3. AOAP participation

Participation in the AOAP is mandatory. AOAP responsibilities of the commanders of major Army commands, the U.S. Army Reserve, the Army National Guard, and the Program Director (PD) are defined in AR 750-1.

### 4-4. What to sample

a. Only the equipment/components listed in tables 4-1 through 4-8, and other equipment/components authorized by the PD, AOAP, will be sampled. Exceptions will be through letters of authorization from major command level to laboratories. To be valid, letters must be issued from the major command that owns and supports the laboratory. Copies of any such correspondence will be provided to the PD, AOAP.

b. To request authorization for new enrollment in the AOAP, the following information will be submitted to the PD, AOAP:

(1) Nomenclature and model of the end item.

(2) End item NSN.

(3) Component nomenclature and model.

(4) End Item Code (EIC) assigned to the NSN of the end item.

(5) Hydraulic system capacity.

### 4-5. When to sample

a. Routine samples are to be submitted at prescribed intervals as

established in paragraphs 4-11 through 4-15. Note that the intervals are not the same for all items of equipment. Samples should be taken as near the prescribed interval as possible. Sampling at the prescribed time is not always possible. In such instances a 10 percent variance before or after the scheduled date, hours, or miles for sampling is permissible.

b. Special samples are those samples other than routinely scheduled. Special samples will be submitted to the laboratory under the following circumstances:

(1) At the request of the laboratory.

(2) Immediately before transfer among commands or overseas deployment of equipment. These special samples will be processed by the laboratory prior to the transfer or deployment.

(3) After maintenance, overhaul, or replacement of a component.

(4) After indication of a problem, for example, overheating, excessive oil loss, or loss of oil pressure.

(5) After indication of contamination, that is, cloudy, sludge, M60A1 Tank water, excessively dirty, visible metal particles, etc. AOS

*Note.* Special samples will be clearly marked "SPECIAL" and banded with red tape or marked in some other conspicuous manner so that the laboratory may easily identify them. The DD Form 2026 that accompanies the samples to the laboratory will be marked SPECIAL in the remarks block and its borders will be outlined in red.

c. When a vehicle is in storage, no sampling is required until the vehicle is scheduled for operational use.

d. Maintenance float equipment will be sampled at 25 hours of operation or quarterly, whichever occurs first.

e. When a vehicle is used for developmental purposes, used as a training aid or static display, authorization to discontinue sampling or to sample at longer intervals may be granted by the applicable major command. When the equipment returns to normal operation sampling intervals established in tables 4-1 through 4-7 will once again apply.

**Table 4-1**  
**Combat vehicles**

| End Item Model | Nomenclature              | Component(s)                                                       |
|----------------|---------------------------|--------------------------------------------------------------------|
| M1             | Tank                      | AGT-1500<br>X1100-3B                                               |
| M1A1           | Tank                      | AGT-1500<br>X1100-3B                                               |
| M1A2           | Tank                      | AGT-1500<br>X1100-3B                                               |
| M11P           | Tank                      | AGT-1500<br>X1100-3B                                               |
| M2             | Infantry Fighting Vehicle | VTA-903T<br>HMPT-500<br>HMPT-500-3<br>HMPT-500-3E<br>HMPT-500-B    |
| M2A1           | Infantry Fighting Vehicle | VTA-903T<br>HMPT-500<br>HMPT-500-3<br>HMPT-500-3E<br>HMPT-500-B    |
| M2A2           | Infantry Fighting Vehicle | VTA-903T<br>HMPT-500<br>HMPT-500-3<br>HMPT-500-3E<br>HMPT-500-3TEC |
| M3             | Cavalry Fighting Vehicle  | VTA-903T<br>HMPT-500<br>HMPT-500-3<br>HMPT-500-3E<br>HMPT-500-B    |

**Table 4-1**  
**Combat vehicles—Continued**

| End Item Model     | Nomenclature             | Component(s)                                                    |
|--------------------|--------------------------|-----------------------------------------------------------------|
| M3A1               | Cavalry Fighting Vehicle | VTA-903T<br>HMPT-500<br>HMPT-500-3<br>HMPT-500-3E<br>HMPT-500-B |
| M3A2               | Cavalry Fighting Vehicle | VTA-903T<br>HMPT-500-3<br>HMPT-500-3E<br>HMPT-500-3TEC          |
| M60                | Tank                     | AVDS-1790-2DA<br>CD-850-6A<br>CD-850-6A1                        |
| M60A1              | Tank                     | AVDS-1790-2DA<br>CD-850-6A<br>CD-850-6A1                        |
| M60A1 AOS          | Tank                     | AVDS-1790-2DA<br>CD-850-6A<br>CD-850-6A1                        |
| M60A1 RISE         | Tank                     | AVDS-1790-2C<br>AVDS-1790-2CA<br>CD-850-6A<br>CD-850-6A1        |
| M60A1 RISE PASSIVE | Tank                     | AVDS-1790-2C<br>AVDS-1790-2CA<br>CD-850-6A<br>CD-850-6A1        |
| M88A1              | Recovery Vehicle         | AVDS-1790-2DR<br>XT-1410-4                                      |
| M106A1             | Self Propelled Carrier   | 6V53<br>TX100-1                                                 |
| M106A2             | Mortar Carrier           | 6V53<br>TX100-1                                                 |
| M109A2             | Self Propelled Howitzer  | 8V71T<br>XTG-411-2A                                             |
| M109A3             | Self Propelled Howitzer  | 8V71T<br>XTG-411-2A                                             |
| M109A4             | Self Propelled Howitzer  | 8V71T<br>XTG-411-2A                                             |
| M109A5             | Self Propelled Howitzer  | 8V71T<br>XTG-411-2A                                             |
| M109A6             | Self Propelled Howitzer  | 8V71T<br>XTG-411-4                                              |
| M110A2             | Self Propelled Howitzer  | 8V71T<br>XTG-411-2A                                             |
| M113A1             | Personnel Carrier        | 6V53<br>TX100-1                                                 |
| M113A2             | Personnel Carrier        | 6V53<br>TX100-1                                                 |
| M113A3             | Personnel Carrier        | 6V53<br>TX200-4                                                 |
| M125A1             | Self Propelled Carrier   | 6V53<br>TX100-1                                                 |
| M125A2             | Mortar Carrier           | 6V53<br>TX100-1                                                 |
| M132A1             | Flame Thrower            | 6V53<br>TX100-1                                                 |

**Table 4-1**  
**Combat vehicles—Continued**

| End Item Model | Nomenclature                              | Component(s)                                                    |
|----------------|-------------------------------------------|-----------------------------------------------------------------|
| M163A1         | Vulcan Air Defense                        | 6V53<br>TX100-1                                                 |
| M163A2         | Vulcan Air Defense                        | 6V53<br>TX100-1                                                 |
| M548           | Cargo Carrier                             | 6V53<br>TX100-1                                                 |
| M548A1         | Carrier                                   | 6V53<br>TX100-1                                                 |
| M551 OP-FOR    | Armor Reconnaissance Vehicle              | 6V53T<br>XTG-250-1A                                             |
| M551A1         | Armor Reconnaissance Vehicle              | 6V53T<br>XTG-250-1A                                             |
| M577A1         | Personnel Carrier, Command Post           | 6V53<br>TX100-1                                                 |
| M577A2         | Command Post Carrier                      | 6V53<br>TX100-1                                                 |
| M5781          | Recovery Vehicle                          | 8V71T<br>XTG-411-2A                                             |
| M667           | Missile Carrier                           | 6V53<br>TX100-1                                                 |
| M688A1         | Loader Transporter                        | 6V53<br>TX100-1                                                 |
| M728           | Combat Eng Vehicle                        | AVDS-1790-2DA<br>CD-850-6A<br>CD-850-6A1                        |
| M730           | Self Propelled Carrier                    | 6V53                                                            |
| M730A1         | Carrier, Chaparral                        | 6V53<br>TX100-1                                                 |
| M730A2         | Carrier SP (Rise)                         | 6V53T<br>X200-4                                                 |
| M741           | Gun Chassis                               | 6V53<br>TX100-1                                                 |
| M741A1         | Vulcan                                    | 6V53<br>TX100-1                                                 |
| M752           | Launcher, Self Propelled                  | 6V53<br>TX100-1                                                 |
| M901           | Combat Vehicle                            | 6V53<br>TX100-1                                                 |
| M901A1         | Tow 2                                     | 6V53<br>TX100-1                                                 |
| M981           | FISTV                                     | 6V53 TX100-1                                                    |
| M981A1         | FISTV                                     | 6V53T<br>X200-4                                                 |
| M992           | FAASV                                     | 8V71T<br>XTG-411-2A                                             |
| M992A1         | FAASV                                     | 8V71T<br>XTG-411-4                                              |
| M993           | Carrier, Multiple Launch Rocket System    | VTA-903T<br>HMPT-500<br>HMPT-500-3<br>HMPT-500-3E<br>HMPT-500-B |
| M1015          | Signal Intelligence/Early Warning Carrier | 6V53<br>TX100-1                                                 |

**Table 4-1**  
**Combat vehicles—Continued**

| End Item Model | Nomenclature                              | Component(s)                             |
|----------------|-------------------------------------------|------------------------------------------|
| M1015A1        | Signal Intelligence/Early Warning Carrier | 6V53<br>TX100-1                          |
| M1059          | Carrier, Smoke Generator                  | 6V53<br>TX100-1                          |
| XM1050         | Howitzer                                  | 8V71T<br>XTG-411-2A                      |
| M48A5AVLB      | Armored Vehicle, Launcher Br              | AVDS-1790-2DA<br>CD-850-6A<br>CD-850-6A1 |
| M60A1AVLB      | Armored Vehicle, Launcher Br              | AVDS-1790-2DA<br>CD-850-6A<br>CD-850-6A1 |

Notes:

<sup>1</sup> Indicates Hydraulic System**Table 4-2**  
**Tactical wheeled vehicles**

| End Item Model | Nomenclature           | Component(s)                                                   |
|----------------|------------------------|----------------------------------------------------------------|
| M34A2          | 2 1/2 T Truck, Cargo   | LD-465-1<br>LD-465-1C<br>LDT-465-1D<br>LDT-465-1C<br>LDS-427-2 |
| M35A1          | 2 1/2 T Truck, Cargo   | LDS-427-2<br>LD-465-1C<br>LDT-465-1D<br>LDT-465-1C             |
| M35A1C         | 2 1/2 T Truck, Cargo   | LDS-427-2<br>LD-465-1C<br>LDT-465-1D<br>LDT-465-1C             |
| M35A2          | 2 1 / 2 T Truck, Cargo | LD-465-1C<br>LDT-465-1D<br>LDT-465-1C<br>LDS-427-2             |
| M35A2C         | 2 1/2 T Truck, Cargo   | LD-465-1C<br>LDT-465-1D<br>LDT-465-1C<br>LDS-427-2             |
| M36A2          | 2 1/2 T Truck, Cargo   | LD-465-1C<br>LDT-465-1D<br>LDT-465-1C<br>LDS-427-2             |
| M44A1          | 2 1/2 T Truck, Bolster | LD-465-1C<br>LDT-465-1D<br>LDT-465-1C<br>LDS-427-2             |
| M44A2          | 2 1/2 T Truck, Bolster | LD-465-1C<br>LDT-465-1D<br>LDT-465-1C<br>LDS-427-2             |
| M45A2          | 2 1/2 T Truck, Bolster | LD-465-1C<br>LDT-465-1D<br>LDT-465-1C<br>LDS-427-2             |

**Table 4-2**  
**Tactical wheeled vehicles—Continued**

| End Item Model | Nomenclature                     | Component(s)                                       |
|----------------|----------------------------------|----------------------------------------------------|
| M46A2          | 2 1/2 T Truck, Chassis           | LD-465-1C<br>LDT-465-1D<br>LDT-465-1C<br>LDS-427-2 |
| M49A1C         | 2 1/2 T Truck, Fuel, Tank        | LDS-427-2<br>LD-465-1C<br>LDT-465-1D<br>LDT-465-1C |
| M49A2C         | 2 1/2 T Truck, Fuel, Tank        | LD-465-1C<br>LDT-465-1D<br>LDT-465-1C<br>LDS-427-2 |
| M50A1          | 2 1/2 T Truck, Water, Tank       | LDS-427-2<br>LD-465-1C<br>LDT-465-1D<br>LDT-465-1C |
| M50A2          | 2 1/2 T Truck, Water, Tank       | LD-465-1C<br>LDT-465-1D<br>LDT-465-1C<br>LDS-427-2 |
| M50A3          | 2 1/2 T Truck, Water, Tank       | LD-465-1C<br>LDT-465-1D<br>LDT-465-1C<br>LDS-427-2 |
| M51A2          | 5 T Truck, Dump                  | LDS-465-1                                          |
| M52A2          | 5 T Truck, Tractor               | LDS-465-1                                          |
| M54A2          | 5 T Truck, Cargo                 | LDS-465-1                                          |
| M54A2C         | 5 T Truck, Cargo                 | LDS-465-1                                          |
| M54A2E1        | Chaparral, Guided Missile System | DEUTZFL511                                         |
| M55A2          | 5 T Truck, Cargo                 | LDS-465-1                                          |
| M61A2          | 5 T Truck, Chassis               | LDS-465-1                                          |
| M62A2          | 5 T Truck, Wrecker               | LD-465-AI 6453                                     |
| M63A2          | 5 T Truck, Chassis               | LDS-465-1                                          |
| M109A1         | 2 1/2 T Truck, Shop Van          | LD-465-1C<br>LDT-465-1D<br>LDT-465-1C<br>LDS-427-2 |
| M109A2         | 2 1/2 T Truck, Shop Van          | LDS-427-2<br>LD-465-1C<br>LDT-465-1D<br>LDT-465-1C |
| M109A3         | 2 1/2 T Truck, Shop Van          | LDS-427-2<br>LD-465-1C<br>LDT-465-1D<br>LDT-465-1C |
| M185A1         | 2 1/2 T Truck, Instr Repair      | LD-465-1C<br>LDT-465-1D<br>LDT-465-1C<br>LDS-427-2 |
| M185A2         | 2 1/2 T Truck, Instr Repair      | LDS-427-2<br>LD-465-1C<br>LDT-465-1D<br>LDT-465-1C |
| M185A3         | 2 1/2 T Truck, Instr Repair      | LD-465-1C<br>LDT-465-1D<br>LDT-465-1C<br>LDS-427-2 |
| M246A2         | 5 T Truck, Wrecker               | LDS-465-1                                          |

**Table 4-2**  
**Tactical wheeled vehicles—Continued**

| End Item Model | Nomenclature               | Component(s)                                       |
|----------------|----------------------------|----------------------------------------------------|
| M275A1         | 2 1/2 T Truck, Tractor     | LDS-427-2<br>LD-465-1C<br>LDT-465-1D<br>LDT-465-1C |
| M275A2         | 2 1/2 T Truck, Tractor     | LD-465-1C<br>LDT-465-1D<br>LDT-465-1C<br>LDS-427-2 |
| M291A2         | 5 T Truck, Exp Van         | LDS-465-1                                          |
| M292A1         | 2 1/2 T Truck, Exp Van     | LDS-427-2<br>LD-465-1C<br>LDT-465-1D<br>LDT-465-1C |
| M292A2         | 2 1/2 T Truck, Exp Van     | LD-465-1C<br>LDT-465-1D<br>LDT-465-1C<br>LDS-427-2 |
| M292A4         | 2 1/2 T Truck, Exp Van     | LDS-427-2<br>LD-465-1C<br>LDT-465-1D<br>LDT-465-1C |
| M292A5         | 2 1/2 T Truck, Exp Van     | LD-465-1C<br>LDT-465-1D<br>LDT-465-1C<br>LDS-427-2 |
| M328A2         | 5 T Truck, Stake           | LDS-465-1                                          |
| M342A2         | 2 1/2 T Truck, Dump        | LD-465-1C<br>LDT-465-1D<br>LDT-465-1C<br>LDS-427-2 |
| M543A2         | 5 T Truck, Wrecker         | LDS-465-1                                          |
| M756A2         | 2 1/2 T Truck, Maintenance | LD-465-1C<br>LDT-465-1D<br>LDT-465-1C<br>LDS-427-2 |
| M764           | 2 1/2 T Truck, Maintenance | LD-465-1C                                          |
| M809           | 5 T Truck, Chassis         | NHC-250                                            |
| M809A1         | 5 T Truck, Chassis         | NHC-250                                            |
| M810           | 5 T Truck, Chassis         | NHC-250                                            |
| M811           | 5 T Truck, Chassis         | NHC-250                                            |
| M811A1         | 5 T Truck, Chassis         | NHC-250                                            |
| M811A2         | 5 T Truck, Chassis         | NHC-250                                            |
| M812           | 5 T Truck, Chassis         | NHC-250                                            |
| M812A1         | 5 T Truck, Chassis         | NHC-250                                            |
| M813           | 5 T Truck, Cargo           | NHC-250                                            |
| M813A1         | 5 T Truck, Cargo           | NHC-250                                            |
| M814           | 5 T Truck, Cargo           | NHC-250                                            |
| M815           | 5 T Truck, Bolster         | NHC-250                                            |
| M816           | 5 T Truck, Wrecker         | NHC-250                                            |
| M817           | 5 T Truck, Dump            | NHC-250                                            |
| M818           | 5 T Truck, Tractor         | NHC-250                                            |
| M819           | 5 T Truck, Tractor         | NHC-250                                            |
| M820           | 5 T Truck, Exp Van         | NHC-250                                            |

**Table 4-2**  
**Tactical wheeled vehicles—Continued**

| End Item Model | Nomenclature                  | Component(s)                       |
|----------------|-------------------------------|------------------------------------|
| M820A1         | 5 T Truck, Exp Van            | NHC-250                            |
| M820A2         | 5 T Truck, Exp Van            | NHC-250                            |
| M821           | 5 T Truck, Stake              | NHC-250                            |
| M876           | Telephone Truck, Maintenance  | 1HD-190 MT650                      |
| M911           | 22 1/2 T Truck, Tractor (HET) | DD8V92T<br>DD8V92TA<br>CLBT750     |
| M915           | Truck, Tractor (HET)          | Cummins<br>NTC-400<br>Cat D-7155   |
| M915A1         | 10 T Truck, Cargo             | Cummins<br>NTC-400<br>DAA-HT750CRD |
| M915A2         | 10 T Truck, Cargo             | DD 12.7L DD<br>HT740               |
| M916           | Truck, Tractor (HET)          | Cummins<br>NTC-400<br>Cat D-7155   |
| M916A1         | Truck, Tractor (HET)          | DD 12.7L<br>DD HT740               |
| M917           | 20 T Truck, Dump              | Cummins<br>NTC-400<br>Cat D-7155   |
| M918           | Bitum Dist                    | Cummins<br>NTC-400<br>Cat D-7155   |
| M919           | Truck, Concrete               | Cummins<br>NTC-400<br>Cat D-7155   |
| M920           | Truck, Tractor (HET)          | Cummins<br>NTC-400<br>Cat D-7155   |
| M923           | 5 T Truck, Cargo              | Cummins<br>NHC-250<br>MT654        |
| M923A1         | 5 T Truck, Cargo              | Cummins<br>NHC-250<br>MT654        |
| M923A2         | 5 T Truck, Cargo              | 6CTA-8.3<br>MT654                  |
| M924           | 5 T Truck, Cargo              | Cummins<br>NHC-250<br>MT654        |
| M924A1         | 5 T Truck, Cargo              | Cummins<br>NHC-250<br>MT654        |
| M925           | 5 T Truck, Cargo              | Cummins<br>NHC-250<br>MT654        |
| M925A1         | 5 T Truck, Cargo              | Cummins<br>NHC-250<br>MT654        |
| M925A2         | 5 T Truck, Cargo              | 6CTA-8.3<br>MY654                  |
| M926           | 5 T Truck, Cargo              | Cummins<br>NHC-250<br>MT654        |

**Table 4-2**  
**Tactical wheeled vehicles—Continued**

| End Item Model | Nomenclature            | Component(s)                |
|----------------|-------------------------|-----------------------------|
| M926A1         | 5 T Truck, Cargo        | Cummins<br>NHC-250<br>MT654 |
| M927           | 5 T Truck, Cargo        | Cummins<br>NHC-250<br>MT654 |
| M927A1         | 5 T Truck, Cargo        | Cummins<br>NHC-250<br>MT654 |
| M927A2         | 5 T Truck, Cargo        | 6CTA-8.3<br>MT654           |
| M928           | 5 T Truck, Cargo (VLNB) | Cummins<br>NHC-250<br>MT654 |
| M928A1         | 5 T Truck, Cargo (VLNB) | Cummins<br>NHC-250<br>MT654 |
| M928A2         | 5 T Truck, Cargo        | 6CTA-8.3<br>MT654           |
| M929           | 5 T Truck, Dump         | Cummins<br>NHC-250<br>MT654 |
| M929A1         | 5 T Truck, Dump         | Cummins<br>NHC-250<br>MT654 |
| M929A2         | 5 T Truck, Dump         | 6CTA-8.3<br>MT654           |
| M930           | 5 T Truck, Dump         | Cummins<br>NHC-250<br>MT654 |
| M930A1         | 5 T Truck, Dump         | Cummins<br>NHC-250<br>MT654 |
| M930A2         | 5 T Truck, Dump         | 6CTA-8.3<br>MT654           |
| M931           | 5 T Truck, Tractor      | Cummins<br>NHC-250<br>MT654 |
| M931A1         | 5 T Truck, Tractor      | Cummins<br>NHC-250<br>MT654 |
| M931A2         | 5 T Truck, Tractor      | 6CTA-8.3<br>MT654           |
| M932           | 5 T Truck, Tractor      | Cummins<br>NHC-250<br>MT654 |
| M932A1         | 5 T Truck, Tractor      | Cummins<br>NHC-250<br>MT654 |
| M932A2         | 5 T Truck, Tractor      | 6CTA-8.3<br>MT654           |
| M934           | 5 T Truck, Van Exp      | Cummins<br>NHC-250<br>MT654 |
| M934A1         | 5 T Truck, Van Exp      | Cummins<br>NHC-250<br>MT654 |

**Table 4-2**  
**Tactical wheeled vehicles—Continued**

| End Item Model | Nomenclature        | Component(s)                    |
|----------------|---------------------|---------------------------------|
| M934A2         | 5 T Truck, Van Exp  | 6CTA-8.3<br>MT654               |
| M935           | 5 T Truck, Van Exp  | Cummins<br>NHC-250<br>MT654     |
| M935A1         | 5 T Truck, Van Exp  | Cummins<br>NHC-250<br>MT654     |
| M935A2         | 5 T Truck, Van Exp  | 6CTA-8.3<br>MT654               |
| M936           | 5 T Truck, Wrecker  | Cummins<br>NHC-250<br>MT654     |
| M936A1         | 5 T Truck, Wrecker  | Cummins<br>NHC-250<br>MT654     |
| M936A2         | 5 T Truck, Wrecker  | 6CTA-8.3<br>MT654               |
| M939           | 5 T Truck, Chassis  | Cummins<br>NHC-250<br>MT654     |
| M940           | 5 T Truck, Chassis  | Cummins<br>NHC-250<br>MT654     |
| M941           | 5 T Truck, Chassis  | Cummins<br>NHC-250<br>MT654     |
| M942           | 5 T Truck, Chassis  | Cummins<br>NHC-250<br>MT654     |
| M943           | 5 T Truck, Chassis  | Cummins<br>NHC-250<br>MT654     |
| M944           | 5 T Truck, Chassis  | Cummins<br>NHC-250<br>MT654     |
| M945           | 5 T Truck, Chassis  | Cummins<br>NHC-250<br>MT654     |
| M973           | SUSV                | OM617,952<br>603.950<br>W4A-018 |
| M973A1         | Carrier, Cargo      | 603.950<br>W4A040               |
| M977           | 10 T Truck, Cargo   | DD8V92TA<br>DDA-HT740D          |
| M978           | 10 T Truck, Tanker  | DD8V92TA<br>DDA-HT740D          |
| M983           | 10 T Truck, Tractor | DD8V92TA<br>DDA-HT740D          |
| M984           | 10 T Truck, Wrecker | DD8V92TA<br>DDA-HT740D          |
| M984A1         | 10 T Truck, Wrecker | DD8V92TA<br>DDA-HT740D          |
| M985           | 10 T Truck, Cargo   | DD8V92TA<br>DDA-HT740D          |

**Table 4-2**  
**Tactical wheeled vehicles—Continued**

| End Item Model | Nomenclature                | Component(s)              |
|----------------|-----------------------------|---------------------------|
| M985E1         | 10 T Truck, Cargo           | DD8V92TA<br>DDA-HT740D    |
| M1013          | 10 T Truck, Tractor (MAN)   | D-2840<br>ZF4S-150-GP     |
| M1014          | 10 T Truck, Tractor (MAN)   | D-2840<br>ZF4S-150-GP     |
| M1065          | Carrier, Command Post       | 603.950<br>W4A040         |
| M1066          | Carrier, Ambulance          | 603.950<br>W4A040         |
| M1067          | Carrier, Cargo              | 603.950<br>W4A040         |
| M1078          | 2 1/2 T Truck, Cargo        | Cat 3116<br>Allison MD-D7 |
| M1079          | 2 1/2 T Truck, Van          | Cat 3116<br>Allison MD-D7 |
| M1081          | 2 1/2 T Truck, Cargo LAPES  | Cat 3116<br>Allison MD-D7 |
| M1083          | 5 T Truck, Cargo            | Cat 3116<br>Allison MD-D7 |
| M1084          | 5 T Truck, Cargo W/MHE      | Cat 3116<br>Allison MD-D7 |
| M1085          | 5 T Truck, Cargo LWB        | Cat 3116<br>Allison MD-D7 |
| M1086          | 5 T Truck, Cargo LWB W/MHE  | Cat 3116<br>Allison MD-D7 |
| M1088          | 5 T Truck, Tractor          | Cat 3116<br>Allison MD-D7 |
| M1089          | 5 T Truck, Wrecker          | Cat 3116<br>Allison MD-D7 |
| M1090          | 5 T Truck, Dump             | Cat 3116<br>Allison MD-D7 |
| M1093          | 5 T Truck, Cargo LAPES      | Cat 3116<br>Allison MD-D7 |
| M1094          | 5 T Truck, Cargo LAPES      | Cat 3116<br>Allison MD-D7 |
| 530B           | Truck, Fire                 | LDS-465-1                 |
| 530BAM         | Truck, Fire                 | LDS-465-1                 |
| FT750          | Truck, Firefighting, Pumper | LDT-465-1                 |
| 2500L          | Truck, Fire                 | DD6V92<br>HT750DRD        |

Notes:

<sup>1</sup> Indicates Hydraulic System.**Table 4-3**  
**Locomotives**

| End Item Model | Components        |
|----------------|-------------------|
| Loco 10T       | DD-3080           |
| Loco 25T       | Cummins HBI-600   |
| Loco 44T       | Cat D-17,000      |
| Loco 45T       | Cummins HBI-600   |
| Loco 60T       | Cat D-397         |
| Loco 60T       | Cat3508           |
| Loco 80T       | Cummins NHBIS-600 |

**Table 4-3  
Locomotives—Continued**

| End Item Model  | Components               |
|-----------------|--------------------------|
| Loco 80T        | Cummins HHBIS-600        |
| Loco 80T        | Cummins LI-600           |
| Loco 80T        | Cummins NTA-855-L4       |
| Loco 100T       | EMD 8-567B               |
| Loco 100T       | American 539             |
| Loco 115T       | American 539-S           |
| Loco 120T       | American 224F            |
| Loco 120T       | Baldwin 606A             |
| Loco 120T       | Fairbanks Morse 38D-81/8 |
| Loco 120T       | Fairbanks Morse H12-44   |
| Loco 120T       | EMD 16-567B              |
| Rail Crane 25 T | D 13,000                 |
| Rail Crane 40 T | DD-671                   |

**Table 4-4  
Watercraft**

| End Item Model | Nomenclature                            | Component(s)                                                                                  |
|----------------|-----------------------------------------|-----------------------------------------------------------------------------------------------|
| BP             | Boat Picket                             | 4002                                                                                          |
| BP             | Boat Picket                             | 4003                                                                                          |
| BD             | 100T Crane, Barge, Design 264B          | 6EN-668<br>GAB4<br>DSM-6<br>31A6<br>5EN668                                                    |
| BDL            | Lighter, Beach Discharge, Mark 1        | 5002                                                                                          |
| FMS            | Repair Shop, Floating, Marine Equipment | 7011                                                                                          |
| FS             | Vessel, Freight Supply                  | 381                                                                                           |
| FS             | Vessel, Freight Supply and Sutton       | 7013                                                                                          |
| HSPB           | High Speed Patrol Boat                  | 400-Merlin                                                                                    |
| LACV           | 30T Lighter, Amphib Air Cushion         | PWST6T-76<br>Comb Gearbox<br>Xmsn APU                                                         |
| LARC-LX        | 60T Lighter, Amphib                     | 6080RA<br>6081RC                                                                              |
| LARC-XV        | 15T Lighter, Amphib                     | 300                                                                                           |
| LCM-8          | Landing Craft, Mech                     | 671LB63A<br>671LD63A<br>671RB63A<br>671RD63A                                                  |
| LCU            | Landing Craft, Utility                  | W-RC1062-7000<br>671                                                                          |
| LCU            | Landing Craft, Utility, Class 1466A     | 1062-7000<br>1062-3000<br>1033-7005<br>1043-5000                                              |
| LCU-1646       | Landing Craft, Utility                  | GM 1043-7000<br>GM 7122-7000<br>GM 1033-7005<br>MG-514                                        |
| LCU2000        | Landing Craft, Utility                  | KTA 50 M<br>NTA-855 (Gen)<br>4BT3.9(Gen)<br>NT855-M<br>(Bow Thruster)<br>WAV850PT<br>WAV850SB |

**Table 4-4  
Watercraft—Continued**

| End Item Model | Nomenclature              | Component(s)                                                                       |
|----------------|---------------------------|------------------------------------------------------------------------------------|
| LSV            | Logistic Support Vessel   | EMD 16-645E6<br>3406-B (Gen)<br>3304-B (Gen)<br>3306-B<br>(Bow Thruster)<br>MG-509 |
| LT             | Tug 1200 Horsepower       | LS6-DRT<br>HS400-3                                                                 |
| LT             | Large Tug                 | EMD<br>12-645F7B<br>Cat<br><br>3408DI-TA-JW<br>Cat 3304 NA<br>Cat 3306 TA          |
| LVTC-7         | Landing Craft             | DD8V53T<br>HS400-3                                                                 |
| LVTC-7A1       | Landing Craft             | VT400<br>HS400-3                                                                   |
| LVTP-7         | Landing Craft             | DD8V53T<br>HS400-3                                                                 |
| LVTP-7A1       | Landing Craft             | VT400<br>HS400-3                                                                   |
| LVTR-7         | Landing Craft             | DD8V53T<br>HS400-3                                                                 |
| LVTR-7A1       | Landing Craft             | VT400-3<br>V903<br>HS400-3                                                         |
| ST             | Tug 200 Horsepower        | 320<br>6DCMR 1879                                                                  |
| ST             | Tug 600 Horsepower        | 3004                                                                               |
| T-449          | Boat, Passenger and Cargo | Cat D 375                                                                          |

**Main Engines on Watercraft**

|                              |                          |
|------------------------------|--------------------------|
| Atlas Imperial 45M5X8        | Detroit Diesel 6-71      |
| Buda 6<br>DCSM-R-1879        | Detroit Diesel 12V-711   |
| Caterpillar D353             | Fairbanks Morse 37-F-16  |
| Caterpillar D375             | Fairbanks Morse 38D-8-Y8 |
| Cooper Bessemer<br>FVA-8-MGT | GM 6 through 12-278A     |
| Cooper Bessemer<br>LS6DRT    | Norberg 32112            |
| Cummins V8-300               | Pratt & Whitney ST6T-76  |

**Auxiliary Engines on Watercraft**

|                                        |
|----------------------------------------|
| Caterpillar D311, D318, D364, and D375 |
| Cleveland Diesel (all models)          |
| Detroit Diesel (all models)            |
| General Motors (all models)            |
| Joshua Hendy D-56-E                    |

**Table 4-4  
Watercraft—Continued**

| End Item Model                 | Nomenclature                   | Component(s) |
|--------------------------------|--------------------------------|--------------|
| Norberg 4SF2 and 4F53          |                                |              |
| Waukesha (all models)          |                                |              |
| <b>Bridging Equipment</b>      |                                |              |
| Boat Bridge Erection, HPI-27A  |                                | DD-353       |
| Boat Bridge Erection, HPI-27B  | DD-353 Sabre 212 10-18-000-017 |              |
| Boat Bridge Erection, HPI-27C  |                                | DD-353       |
| Boat Bridge Erection, HICE-27D |                                | DD-353       |
| Boat Bridge Erection, USCSBMK1 | Sabre 212 10-18-002            |              |
| Boat Bridge Erection, USCSBMK2 | Sabre 212                      |              |
| Bridge, Mobile Assault         |                                | DD8V71 HT-70 |

**Table 4-5  
Material handling equipment**

| End Item Model                      | Nomenclature          | Component(s)                                |
|-------------------------------------|-----------------------|---------------------------------------------|
| 50K <sup>1</sup>                    | RTCH                  | Cat 3408T, 3P9094<br>Cat 5R3855(11083)      |
| H40XL-MIL <sup>1</sup><br>MHE 265   | Fork Lift<br>4,000 LB | Isuzu C240<br>360311                        |
| H60XL-MIL <sup>1</sup><br>(MHE 266) | Fork Lift<br>6,000 LB | Isuzu C240<br>360311                        |
| MLT-6 <sup>1</sup><br>(MHE200)      | RTFL<br>6,000 LB      | DD-453N<br>Allison 3331-1                   |
| MLT-6CH <sup>1</sup><br>(MHE202)    | FL 6,000 LB           | DD-453N<br>Allison 3331-1                   |
| ARTFT-6 <sup>1</sup><br>(MHE222)    | FL 6,000 LB           | DD-453N<br>Allison 3331-1                   |
| RTL-10 <sup>1</sup><br>(MHE199)     | RTFL 10,000 LB        | DD6V53<br>Allison CRT 3531-1                |
| RTL-10-1 <sup>1</sup><br>(MHE21 5)  | RTFL 10,000 LB        | DD6V53<br>Allison CRT 3531-1                |
| MLT-6-2 <sup>1</sup><br>(MHE230)    | RTFL 6,000 LB         | DD-453N<br>Allison 3331-1                   |
| M10A <sup>1</sup><br>(MHE236)       | RTFL 10,000 LB        | IHC DT-466B<br>IHC S-700                    |
| M4K <sup>1</sup><br>(MHE237)        | RTFL 4,000 LB         | Case 207D Clark 11.2<br>HR 18340            |
| HC-238A <sup>1</sup><br>(MHE248)    | 140T Crane            | Upper DD6-71N<br>Lower DD6V-92TC            |
| 6250TC1 <sup>1</sup><br>(MHE247)    | 250 T CRANE           | KT-1150-C450<br>KT-450<br>Allison CLBT 5960 |

**Table 4-5  
Material handling equipment—Continued**

| End Item Model       | Nomenclature | Component(s)                                             |
|----------------------|--------------|----------------------------------------------------------|
| 9125TC <sup>1</sup>  | 140 T CRANE  | Upper V-903-C-265<br>Lower NTF-365<br>Twin DISC CO-11500 |
| 6000M <sup>1</sup>   | RTFL         | 6BT 5.9<br>FUNK 1723                                     |
| RT875CC <sup>1</sup> | RTCC         | 6CTA-8.3<br>CLARK C273.5                                 |

Notes:

<sup>1</sup> Indicates Hydraulic System.**Table 4-6  
Construction equipment**

| End Item Model | Nomenclature                 | Component(s)                                   |
|----------------|------------------------------|------------------------------------------------|
| 1125           | 60 T Crane                   | Cummins NTC-380-1                              |
| 120ROPS        | Grader                       | Cat D-333<br>3R9859                            |
| 130G           | Grader, Road                 | Cat 3304 DIT<br>5R6192                         |
| 130GNS         | Grader, Road                 | Cat 3304<br>5R6192                             |
| 130GNSCE       | Loader                       | Cat 3304 DIT<br>5R6192                         |
| 130GS          | Grader, Road                 | Cat 3304<br>5R6192                             |
| 130GSCE        | Grader, Road                 | Cat 3304<br>5R6192                             |
| 175B           | Loader, Scoop                | DD8V71N<br>NT-855-C<br>Clark 4000 Powershift   |
| 22BM           | 12 1/2 T Crane, Mtd          | Cummins JN-6-1                                 |
| 270-9          | Earth Auger                  | DD 353                                         |
| 2380           | 20 T Crane                   | Cummins V8-265-B1<br>Cummins JN6<br>CL 8402-2  |
| 2385           | 20 T Crane                   | Cummins V8-265-B1<br>Cummins JN6<br>13205E3554 |
| 290M           | Tractor, Wheeled             | NT380<br>Clark 8420-1                          |
| 440HA          | Grader, Road                 | DD4057C                                        |
| 4D             | Grader, Road                 | DD4-025                                        |
| 4DW            | Grader, Road                 | DD4-025                                        |
| 580D           | Grader, RT, Wheeled          | Case 207D                                      |
| 5060           | 40 T Crane, Crawler          | DD 4-71-T DD<br>23010052                       |
| 5157B          | Crusher, Jaw                 | CM Corp SD-802                                 |
| 5230B          | Crusher, Jaw                 | CM Corp SD-802<br>Cummins N855, P235           |
| 613BSNS        | Scraper, Self Pro-<br>pelled | Cat 3208<br>6138/8S3543                        |
| 613BSNS1       | Scraper                      | Cat 3208<br>613B/8S3543                        |

**Table 4-6**  
**Construction equipment—Continued**

| End Item Model | Nomenclature                         | Component(s)                             |
|----------------|--------------------------------------|------------------------------------------|
| 613BSS         | Scraper, Self Pro-<br>pelled         | Cat 3208<br>613B/8S3543                  |
| 613BSS1        | Scraper                              | Cat 3208<br>613B/8S3543                  |
| 613BWDNS       | Water Distributor, Self<br>Propelled | Cat 3208<br>613B/8S3543                  |
| 613BWDS        | Water Distributor, Self<br>Propelled | Cat 3208<br>613B/8S3543                  |
| 621B           | Scraper, Self Pro-<br>pelled         | 3406<br>621B/7G2780                      |
| 624VL          | Ditcher                              | DD6V71N<br>CLT-44-60                     |
| 645M           | Loader, Scoop                        | Allis-Chalmers 3500<br>Allison TT 2420-1 |
| 75TPH Eagle    | Crusher                              | N855,P235                                |
| 830MB          | Tractor, Whld                        | Cat D343T<br>5S4350                      |
| 855BG          | 40 T Crane, Shovel                   | Cat D333TA                               |
| 855BG2         | 40 T Crane, Shovel                   | Cat D333TA                               |
| 855BG3         | 40 T Crane, Shovel                   | Cat D333TA                               |
| 950BNS         | Loader, Scoop                        | Cat 3304<br>7G4851                       |
| 950BNSCE       | Loader                               | Cat 3304<br>7G4851                       |
| 950BS          | Loader, Scoop                        | Cat 3304<br>7G4851                       |
| 950BSCE        | Loader                               | Cat 3304<br>7G4851                       |
| B2-1171        | Mixer, Rotary Tiller                 | FWD Corp JN130B<br>HMD 23121 Funk        |
| BFS-400        | Paving Machine                       | DD 353                                   |
| C350B          | Roller, Tandem                       | DD 353                                   |
| C350B-D        | Roller                               | DD 353                                   |
| C530A          | Roller, Pneu                         | DD 353<br>393303                         |
| Cat 12         | Grader, Road                         | Cat D-333                                |
| Cat 120        | Grader, Road                         | Cat D-333<br>3R9859                      |
| Cat D5         | Tractor, Full Tracked                | Cat 3306<br>3S7094                       |
| Cat D5A        | Tractor, Full Tracked                | Cat 3306<br>3S7094                       |
| Cat D5B        | Tractor, Full Tracked                | Cat 3306<br>3T3394                       |
| Cat D7E        | Tractor, Full Tracked                | Cat D-333<br>3R2211<br>Cat 4 Cyl 811 CID |
| Cat D7F        | Tractor, Full Tracked                | Cat 6 Cyl 638 CI<br>5R82                 |
| Cat D7G        | Tractor, Full Tracked                | Cat 3306<br>9P5382                       |
| D5BNS          | Tractor, Full Tracked                | Cat 3306<br>D5/3T3394                    |

**Table 4-6**  
**Construction equipment—Continued**

| End Item Model | Nomenclature                 | Component(s)                               |
|----------------|------------------------------|--------------------------------------------|
| D5BS           | Tractor, Full Tracked        | Cat 3306<br>D5/3T3394                      |
| D5BS1          | Tractor, Full Tracked        | Cat 3306<br>3T3394                         |
| D-60           | Distributor, Bitum           | NHC-250                                    |
| D8K            | Tractor, Full Tracked        | Cat D342<br>3N1869                         |
| F1500M         | Grader, Road                 | DD6V53<br>Clark 28420-6<br>Powershift      |
| F1500MW        | Grader, Road                 | DD6V53<br>Clark 28420-6<br>Powershift      |
| F5070          | 20T Dump Truck               | NTC-290<br>6881293<br>HT750CRD             |
| H100C RB       | Loader, Scoop                | 1HDT-817C<br>P-2004<br>Powershift          |
| H100C GPB      | Loader                       | 1HDT-817C<br>P-2004<br>Powershift          |
| H446           | Crane                        | DD-353<br>1200-1865                        |
| H446A          | 5T Crane, Whld, Mtd          | DD6V53N<br>8FLW1307                        |
| H-90CM         | Loader, Scoop                | Cummins<br>JT-6-BI<br>BDB-213C2 Powershift |
| HD16M          | Tractor, Full                | Allis 844 CID<br>642601                    |
| HMMH           | Tractor, Wheeled             | OM 352 BENZ                                |
| JD-410         | Tractor, Backhoe             | JD 4-2-19DT-03<br>DP23981                  |
| JD-550         | Tractor, Full Tracked        | 4276TT01<br>JD550/AT49678                  |
| K300           | Compactor, High Sp           | Cat 3208<br>Clark 28000                    |
| LRT-110        | Crane                        | 4B 3.9<br>FUNK 1724                        |
| M320RT         | 20T Crane Carrier            | Cummins<br>V903 282472 (12-603)<br>DD 453  |
| M878A1         | Tractor, Yard                | DD 6V53T<br>MT 653 DDA-ALS                 |
| M9             | Armored Combat<br>Earthmover | Cummins V903<br>Clark Powershift<br>288835 |
| MT250          | 25T Crane                    | DD6V53N                                    |
| MW24           | Loader, Scoop                | Case 504BD<br>ALS TT2421-1                 |
| MW24B          | Loader, Scoop                | Case A504BDT<br>Allison TT2421-1           |
| MW24C          | Loader, Scoop                | Case A504BDT<br>Allison TT2421-1           |
| MW24ROPS       | Loader, Scoop                | Case 504BD<br>Allison TT2421-1             |

**Table 4-6**  
**Construction equipment—Continued**

| End Item Model                     | Nomenclature     | Component(s)                          |
|------------------------------------|------------------|---------------------------------------|
| RS28                               | Roller, Vib      | DD 4-53                               |
| RT41AA                             | Scamp, Crane SP  | White D3400X289<br>Clark 12.6HR183278 |
| SEE<ftnref<br>ftnote='tbl4-6-fn2'> | Tractor, Wheeled | OM 352 BENZ                           |
| SP-848                             | Roller, Vib      | DD 353                                |
| SM54A                              | Roller, Towed    | DEUTZ F2L511                          |
| TL-645                             | Loader Scoop     | AC-3500<br>Allison TT 2420-1          |
| T0730H-KEG                         | Mixer            | Cummins 6BT-5-9                       |
| TMS 300-5                          | 25T Crane        | DD 671                                |

Notes:

<sup>1</sup> Indicates Hydraulic System.<sup>2</sup> Denotes multiple hydraulic systems to be sampled. Designate appropriate hydraulic on DD 2026; i.e., left or right.**Table 4-7**  
**Support equipment—Generators**

| End Item Model                       | Nomenclature                    | Component(s)       |
|--------------------------------------|---------------------------------|--------------------|
| MEP-004A                             | 15/60 HZ Gen Set                | D198ERX51          |
| MEP-113A                             | 15/400 HZ Gen Set               | D198ERX51          |
| MEP-103A                             | 15/60 HZ Gen Set                | D198ERX51          |
| MEP-005A                             | 30/60 HZ Gen Set                | D298ERX37          |
| MEP-104A                             | 30/60 HZ Gen Set                | D298ERX37          |
| MEP-114A                             | 30/400 HZ Gen Set               | D398ERX37          |
| MEP-006A                             | 60/60 HZ Gen Set                | AC 3500            |
| MEP-105A                             | 60/60 Gen Set                   | AC 3500            |
| MEP-115A                             | 60/400 HZ Gen Set               | AC 3500            |
| GTGE 709-2                           | 60/400 HZ Gen Set               | GTP 70-52          |
| MEP-404B                             | 60/400 HZ Gen Set               | T62T32A            |
| MEP-007A                             | 100/60 HZ Gen Set               | D 333C(T)          |
| MEP-106A                             | 100/60 HZ Gen Set               | D 333C(T)          |
| MEP-007B                             | 100/60 HZ Gen Set               | 76-4106-CAT        |
| MEP-116A                             | 100/400 HZ Gen Set              | D 333C(T)          |
| B413                                 | 150/400 HZ Gen Set              | RTG3600C-S1        |
| D424A                                | 150/400 HZ Gen Set              | DDA 04043B02       |
| MEP-009A                             | 200/60 HZ Gen Set               | Cat D 343T/A       |
| MEP-108A                             | 200/60 HZ Gen Set               | Cat D 343T/A       |
| MEP-009B                             | 200/60 HZ Gen Set               | Cat D 343T/A       |
| MEP-029A                             | 500/60 HZ Gen Set               | VTA1 1710G VTA28G1 |
| EMD 12-567                           | 700/750 KW Gen Set              | 16-567-C           |
| 600-TV-75                            | 750 KW Gas Turbine 50/<br>60 HZ | T-1010S-39         |
| MEP-208A                             | 750 KQ 50/60 HZ Gen Set         | KTA 2300G          |
| MEP-362A                             | 10 KW/28VDC                     | TT10-1             |
| MP36A-60HZ                           | 1250/50 HZ Power Plant          | 16-567-E4          |
| SM500-6800-3                         | 1500/60 HZ Power Plant          | D 398A 3EA         |
| SM500-6800-4                         | 2000/60 HZ Power Plant          | Cat D398A          |
| MP36A                                | 4500/60 HZ Power Plant          | Cat D398A          |
| 1500M                                | Gen Set                         | DD-6V53            |
| <b>Support Equipment—Power Units</b> |                                 |                    |
| Power Units                          | Generators                      | Component          |
| PU-405A/M ...                        | MEP-004A                        | D198ERX51          |
| PU-406B/M ...                        | MEP-005A                        | D298ERX37          |
| PU-495A/G ...                        | MEP-007A                        | D 333C (T)         |
| PU-495B/G ...                        | MEP-007B                        | 76-4106-CAT        |
| PU-650B/G ...                        | MEP-006A                        | AC 3500            |
| PU-699A/M ...                        | MEP-006A                        | AC 3500            |
| PU-700A/M ...                        | MEP-006A                        | AC 3500            |
| PU-707A/M ...                        | MEP-115A                        | AC 3500            |
| PU-732M .....                        | MEP-113A                        | D198ERX51          |
| PU-760M .....                        | MEP-114A                        | D398ERX37          |
| AN/MJQ-10A ..                        | MEP-114A                        | D398ERX37          |
| AN/MJQ-11A ..                        | MEP-009A                        | CAT D 343T/A       |

**Table 4-7**  
**Support equipment—Generators—Continued**

| End Item Model | Nomenclature | Component(s) |
|----------------|--------------|--------------|
| AN/MJQ-12A ..  | MEP-006A     | AC 3500      |
| AM/MJQ-14A     | MEP-006A     | AC 3500      |
| AN/MJQ-15 ...  | MEP-113A     | D198ERX51    |
| AN/MJQ-21 ...  | MEP-4048     | T62T32A      |
| AN/MJQ-24 ...  | D424A        | DDA 0403B02  |

**Support Equipment—Power Units (Utility)**

| Power Unit  | Component             |
|-------------|-----------------------|
| PPU 85-4    | GTCP85-127 Airesearch |
| LPC 71W     | GTCP85-127 Airesearch |
| PPU 85-5    | GTCP85-127 Airesearch |
| LPU-71      | GTCP85-127 Airesearch |
| APP-1       | GTCP85-127 Airesearch |
| JHTWX 10/96 | GTCP85-127 Airesearch |
| 35KVA       | GPT30-150E            |

**Support Equipment—Air Compressors**

| End Item Model | Component |
|----------------|-----------|
| 250 DCMS1      | JD-403    |
| 250 PRV        | DD-453    |
| 750 DPQ        | DD-6V71N  |
| RMS-250        | DD-6V53N  |
| P250-WDMH268   | DEUTZ     |

**Support Equipment—Pumps**

|             |                       |
|-------------|-----------------------|
| 800 GPM     | Cummins NTTA-855-P450 |
| US90 CCD-1  | DD 353                |
| US612 ACD-1 | DEUTZ AG F6L 91213    |

**Support Equipment—Well Drillers**

|       |                         |
|-------|-------------------------|
| LP-12 | Navistar Int'l DT1-466C |
|-------|-------------------------|

**Support Equipment—Training Aid**

|                   |                                  |                   |
|-------------------|----------------------------------|-------------------|
| AMCT <sup>1</sup> | Armor Moving Target Car-<br>rier | Hydraulic Systems |
|-------------------|----------------------------------|-------------------|

Notes:

<sup>1</sup> Indicates Hydraulic System.**4-6. Supplies**

The unit will maintain an adequate level of sampling supplies. Supplies required for sampling operations are listed in Table 4-8. Quantities are determined by number and types of equipment enrolled in the AOAP and the frequency at which they are sampled.

**Table 4-8**  
**Supplies required for oil sampling operations**

| Item                                               | NSN              | Unit of issue    |
|----------------------------------------------------|------------------|------------------|
| Tubing, Nonmetallic (1/4' OD)                      | 4720-00-964-1433 | Roll (1,000 ft.) |
| Pump, Oil Sampling                                 | 4930-01-119-4030 | Each (1)         |
| Bottle, Oil Sampling                               | 8125-01-082-9697 | Box (120 ea.)    |
| Bag, Plastic                                       | 8105-00-837-7754 | Box (1,000 ea.)  |
| Sack, Shipping                                     | 8105-00-290-0340 | Box (250 ea.)    |
| Replacement O-Rings for the Oil Sampling Pump are: |                  |                  |
| Old-Style Pump (with stand)                        |                  |                  |
| O-Ring                                             | 5330-00-579-8156 | Each (1)         |
| O-Ring                                             | 5330-01-231-5216 | Each (1)         |
| New-Style Pump (no stand)                          |                  |                  |
| O-Ring                                             | 5330-00-579-8156 | Each (1)         |
| O-Ring                                             | 5330-01-133-5858 | Each (1)         |
| O-Ring                                             | 5330-01-226-8750 | Each (1)         |
| O-Ring                                             | 5330-01-231-5216 | Each (1)         |

**4-7. How to sample**

a. Samples may be taken without warming a component to operating temperature if the equipment has been operated within the last 30 days. If the equipment has not been operated within the last 30 days, it must be brought to operating temperature before sampling. This applies to both routine and special samples. There will be occasions when the laboratories may request that a component be

operated before sampling. This request will be complied with.

*Note.* Although the above procedure authorizes taking cold samples, all samples taken on components with turbine engines must be taken at normal operating temperature. It is recognized that there are times when the ambient temperature is so low that one cannot take a cold sample readily. Equipment may need to be operated to warm the oil enough to extract the sample easily; but it need not be brought to operating temperature. Equipment coming out of storage must always be brought to operating temperature prior to oil sampling.

*b.* Samples taken from an oil reservoir immediately after addition of new oil will not be representative, and will not become representative until complete mixing of the old and new oil has taken place. This requires operation until normal operating temperature has been obtained.

*c.* To take an oil sample using the valve method, simply open the valve and flush a small amount of oil from the line into an approved container to clear the valve. Fill the sample bottle to approximately 1/2-inch from top. Then close the valve.

*d.* The oil sampling pump method is used to take samples through the oil filler neck or through the dipstick hole. The procedure is as follows:

(1) Determine how far the tubing has to be inserted into the reservoir by using the dipstick as a gauge. Cut tubing to a length approximately 10 inches longer than the dipstick.

(2) Attach tubing to sampling pump by inserting tubing through "T" handle opening. Allow tubing to extend approximately 1/4-inch below pump head threads, and tighten "T" handle.

(3) Attach bottle to sampling pump.

(4) Carefully insert tubing into reservoir. Do not allow the tubing to touch the bottom or sides of the reservoir, since any sludge entering the tubing will contaminate the sample.

(5) Hold sampling pump horizontally and pump until oil starts entering the bottle. Fill the bottle to approximately 1/2-inch from top. Depress vacuum relief valve (on top of pump) to stop flow.

(6) Remove bottle from pump, replace and tighten bottle cap.

(7) Withdraw tubing from reservoir. Loosen "T" handle and remove tubing from pump. Discard tubing.

(8) Replace reservoir cover.

*e.* Once you have drawn a sample, fill in your equipment bumper number, component serial number, and hours and miles on the sample bottle label to identify sample and use to complete DD Form 2026.

#### 4-8. Preparing the sample for the laboratory

*a.* Complete a DD Form 2026 (fig 4-1) for each oil sample being submitted to the laboratory. The automated version of DD Form 2026 (DA Form 5991-E, Oil Analysis Request (Automated)) (fig 12-8) will be used if your unit is equipped with the Unit Level Logistics System (ULLS).

*b.* When samples are to be mailed, and the number is four or less, use the shipping sack. Insert the sample bottle(s) into the plastic bag and seal. Place the completed DD Form 2026 into the shipping sack along with the plastic bag(s). Send it by first-class mail to your supporting laboratory. Do not use bulk mail or parcel post. When the number of samples is five or more, use the boxes that the empty bottles came in. Place the DD Form 2026 in a plastic bag and lay it on top of the bottles.

*c.* When delivering the sample directly to the laboratory by courier, fold the completed DD Form 2026 in half (length-wise), wrap it around the sample bottle and secure it with a rubber band. Dispatch by courier to the laboratory.

*d.* When the DD Form 2026 is received from the laboratory, either annotate all appropriate information on the DA Form 2408-20 (Oil Analysis Log) or maintain until receipt of automated print-out(s). The DD Form 2026 will be discarded unless directed otherwise by local SOP.

#### 4-9. Feedback data

*a.* Laboratory recommendations will be annotated on DA Form 3254-R (Oil Analysis Recommendation and Feedback) (fig 4-2) for

components when the sample analysis indicates a problem. The form will be used only when a maintenance action is recommended and not to request resamples or recommend oil changes. The DA Form 3254-R will be forwarded to the using unit.

*b.* After personnel in the using unit have performed the laboratory-recommended inspection or maintenance action, they will complete the lower portion of DA Form 3254-R. Block 14 will be used to explain any diagnostics performed, discrepancies found, and actions taken to return the component to a serviceable condition. Also include in this block the QDR/EIR number and work order number. The DA Form 3254-R will be returned to the laboratory within 5 working days after maintenance is accomplished.

*c.* If a component is evacuated for repair, a copy of the DA Form 3254-R will accompany it along with other appropriate paperwork. The support maintenance or overhaul facility will record the maintenance accomplished on the DA Form 3254-R, and return it to the originating laboratory within 5 working days after maintenance is accomplished.

#### 4-10. Special instructions

*a.* Store unused sampling supplies in a clean, closed container.

*b.* Avoid contamination of cut tubing and the inside of bottle caps.

*c.* Use new tubing to fill each sample bottle.

*d.* The relief valve on the oil sampling pump must be depressed at the proper time to prevent the used oil from entering the vacuum chamber of the pump. If this happens, clean thoroughly with dry-cleaning solvent and allow to air dry before reuse.

*e.* For new equipment under manufacturer's warranty, manufacturer's hard-time oil service intervals will be followed. However, if the laboratory recommends an oil change, the recommendation will be followed. The unit will also change oil at the appropriate hardtime interval in order to keep the warranty valid. After the warranty period expires, normal AOAP oil change procedures will apply. If the laboratory recommends that a warranty component be removed or maintenance performed, the AOAP monitor will contact the supporting warranty control office and provide details of laboratory recommendations relative to the item under warranty.

*f.* For the purpose of determining usage data on equipment (traveling at low speed) with no hour-meter, the following formula may be used as a guide in converting miles or kilometers to hours: 10 miles or 16 kilometers is equal to 1 hour of operation. When operating on open highway, single or convoy, and the speed exceeds 35 MPH, use actual travel time (clock time).

*g.* Anytime a unit relocates, either permanently or through temporary deployment, the following is necessary:

(1) The unit will notify the home base (servicing) laboratory concerning transfer/deployment schedules in advance of departure. Advance notice is required in order to provide the laboratory sufficient time for orderly processing of records for transfer to the supporting laboratory.

(2) The losing laboratory will forward equipment AOAP records directly to the gaining laboratory unless directed otherwise.

*h.* Transient units are responsible for obtaining complete oil analysis records for their equipment from the losing laboratory and for delivery of the records to the gaining laboratory at the new operating site. If sufficient time is not available to comply with these procedures before departure, the unit will notify the losing laboratory concerning the relocation, and the losing laboratory will mail all required oil analysis records to the gaining laboratory.

#### 4-11. Combat vehicles

Refer to table 4-1 for enrolled equipment.

*a.* For the purpose of taking routine samples from the engines and transmissions, 25 hours of operation or 60 days, whichever occurs first, will be used as the prescribed interval for active Army units. Reserve and National Guard activities will use 25 hours or 180 days as the prescribed interval.

*Note.* The sampling interval for transmissions on the M1, M1A1, and M1IP

is 75 hours or 90 days for Active Army and 75 hours or 180 days for Reserve and National Guard activities.

*b.* Reserve and National Guard equipment in frequent use during active training periods will adhere to the schedule for active Army units.

*c.* Reserve and National Guard equipment not operated for 180 days or more will be considered in a temporary inactive status. This equipment will not be sampled until removed for use. At that time, a sample will be taken and then normal sampling intervals will apply. A sample will also be taken before equipment is put back in an inactive status.

*d.* All designated hydraulic fluid systems, as denoted by a footnote designator of<sup>1</sup> (see table 4-1) after the end item model, will be sampled once a year.

*Note.* The recoil mechanism/gun mount on combat equipment is NOT to be sampled.

#### **4-12. Tactical wheeled vehicles**

Refer to table 4-2 for enrolled equipment.

*a.* For the purpose of taking routine samples from the engines and transmissions, 100 hours of operation or 90 days, whichever occurs first, will be used as the prescribed interval for active Army units. Reserve and National Guard activities will use 100 hours or 180 days as the prescribed interval.

*b.* Reserve and National Guard equipment in frequent use during active training periods will adhere to the schedule for active Army units.

*c.* Reserve and National Guard equipment not operated for 180 days or more will be considered in a temporary inactive status. This equipment will not be sampled until removed for use. At that time, a sample will be taken and then normal AOAP sampling intervals will apply. A sample will also be taken before equipment is put back in an inactive status.

*d.* All designated hydraulic fluid systems, as denoted by a footnote designator of<sup>1</sup> (see table 4-2) after the end item model, will be sampled once a year.

*e.* When a tactical vehicle is scheduled for a mission that would cause it to exceed the 100 hours or 1,000 mile interval, the following applies:

(1) Oil sampling will be done before departure and on arrival at the destination, if possible. The procedure will be repeated when returning to home base.

(2) While at the deployment site, the regular sampling interval established for the end-item component will apply. Samples will be sent to the laboratory servicing the deployment site.

#### **4-13. Diesel-electric (D-E) locomotives**

Refer to table 4-3 for enrolled equipment. For the purpose of taking

routine samples from the engines aboard the locomotives, 25 hours of operation or every 90 days, whichever occurs first, will be used as the prescribed interval for active Army, Reserve, and National Guard activities. Locomotives in daily use may extend sampling intervals to 100 hours or 90 days.

#### **4-14. Watercraft**

Refer to table 4-4 for enrolled equipment.

*a.* For the purpose of taking routine samples from the engines and transmissions, 100 hours of operation or every 90 days, whichever occurs first, will be used as the prescribed interval for active Army units. Reserve and National Guard activities will use 50 hours or 180 days as the prescribed interval.

*b.* Reserve and National Guard equipment in daily use during active training periods will use the sample interval for active Army units.

*c.* Reserve and National Guard equipment not operated for 180 or more days will be considered in a temporary inactive status. This equipment will not be sampled until removed for use. At that time, a sample will be taken and then normal AOAP sampling intervals will apply. A sample will also be taken before equipment is put back in an inactive status.

#### **4-15. Material handling/construction/support equipment**

Refer to tables 4-5, 4-6, and 4-7 for enrolled equipment.

*a.* For the purpose of taking routine samples from the engines and transmissions, 50 hours of operation or 90 days, whichever occurs first, will be used as the prescribed interval for active Army units. Reserve and National Guard activities will use 50 hours or 180 days as the prescribed interval.

*b.* Reserve and National Guard equipment in frequent use during active training periods will adhere to the schedule for active Army units.

*c.* Reserve and National Guard equipment not operated for 180 or more days will be considered in a temporary inactive status. This equipment will not be sampled until removed for use. At that time, a sample will be taken and then normal sampling intervals will apply. A sample will also be taken before equipment is put back in an inactive status.

*Note.* Table 4-5 identifies material handling equipment. Table 4-6 identifies construction equipment. Table 4-7 identifies support equipment.

*d.* All designated hydraulic fluid systems, as denoted by a footnote designator of I (see tables 4-5 and 4-6) after the end item model will be sampled once a year. The hydraulic fluid system on the AMCT (table 4-7) will be sampled every 500 hours or 90 days.

| OIL ANALYSIS REQUEST                                                                                                                                                                   |                                                                                                                              |                                                                                             |                | KEYPUNCH CODE            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------|--------------------------|
| TO                                                                                                                                                                                     | OIL ANALYSIS LAB <b>FT. HOOD</b>                                                                                             |                                                                                             |                | 1-3                      |
| FROM                                                                                                                                                                                   | MAJOR COMMAND <b>FORS COM</b>                                                                                                |                                                                                             |                | 4                        |
|                                                                                                                                                                                        | OPERATING ACTIVITY (Include ZIP Code, APU, DODAAD)<br><b>HQ CO 166 ARMOR, 2 AD (WAD 570)<br/>FT. HOOD, TX 76544 685-3988</b> |                                                                                             |                | 5-10                     |
| EQUIPMENT MODEL/APL<br><b>ENGINE AVDS 1790-2D</b>                                                                                                                                      |                                                                                                                              |                                                                                             |                | 11-14                    |
| EQUIPMENT SER. NO. <b>A0606</b>                                                                                                                                                        |                                                                                                                              |                                                                                             |                | 15-20                    |
| END ITEM MODEL/HULL NO. <b>TANK M60A1</b>                                                                                                                                              |                                                                                                                              |                                                                                             |                |                          |
| END ITEM SER. NO./EIC <b>6486</b>                                                                                                                                                      |                                                                                                                              |                                                                                             |                |                          |
| DATE SAMPLE TAKEN (Day, Mo., Yr.)<br><b>15 MAR 90</b>                                                                                                                                  |                                                                                                                              | LOCAL TIME SAMPLE TAKEN                                                                     |                | 21-24                    |
| HOURS/MILES SINCE OVERHAUL <b>346</b>                                                                                                                                                  |                                                                                                                              |                                                                                             |                | 25-29                    |
| HOURS/MILES SINCE OIL CHANGE <b>67</b>                                                                                                                                                 |                                                                                                                              |                                                                                             |                | 30-32                    |
| REASON FOR SAMPLE LAB REQUEST <input checked="" type="checkbox"/> ROUTINE <input type="checkbox"/> REQUEST <input type="checkbox"/> TEST CELL <input type="checkbox"/> OTHER (Specify) |                                                                                                                              |                                                                                             |                | 34                       |
| OIL ADDED SINCE LAST SAMPLE (P: Qts Gals.) <b>1 GAL</b>                                                                                                                                |                                                                                                                              |                                                                                             |                | 35-36                    |
| ACTION TAKEN                                                                                                                                                                           |                                                                                                                              |                                                                                             |                |                          |
| DISCREPANT ITEM                                                                                                                                                                        |                                                                                                                              |                                                                                             |                |                          |
| HOW MALFUNCTIONED                                                                                                                                                                      |                                                                                                                              |                                                                                             |                |                          |
| HOW FOUND <input type="checkbox"/> LAB REQUEST <input type="checkbox"/> AIR OR GROUND CREW                                                                                             |                                                                                                                              |                                                                                             |                |                          |
| HOW TAKEN<br><input checked="" type="checkbox"/> DRAIN <input type="checkbox"/> TUBE                                                                                                   |                                                                                                                              | SAMPLE TEMPERATURE<br><input checked="" type="checkbox"/> HOT <input type="checkbox"/> COLD |                | TYPE OIL<br><b>OE 30</b> |
| REMARKS<br><b>J. Palfrey</b><br><b>MI 4761</b>                                                                                                                                         |                                                                                                                              |                                                                                             |                |                          |
| FOR LAB USE ONLY                                                                                                                                                                       |                                                                                                                              |                                                                                             |                |                          |
| SAMPLE RESPONSE TIME                                                                                                                                                                   |                                                                                                                              |                                                                                             |                | 39-40                    |
| PE 41-43                                                                                                                                                                               | AG 44-46                                                                                                                     | AL 47-49                                                                                    | CR 50-52       | CU 53-55                 |
| MG 56-58                                                                                                                                                                               | NI 59-61                                                                                                                     | PB 62-64                                                                                    | SI 65-67       | SN 68-70                 |
| TI 71-73                                                                                                                                                                               | MO 74-76                                                                                                                     |                                                                                             |                |                          |
| LAB RECOMMENDATION                                                                                                                                                                     |                                                                                                                              |                                                                                             |                | 77-78                    |
| SAMPLE NO                                                                                                                                                                              | SIGNATURE                                                                                                                    | FILE MAINT<br>79                                                                            | DATA SEQ<br>80 |                          |

DD FORM 2026 NOV 77 PREVIOUS EDITION WILL BE USED

Figure 4-1. Sample of a completed DD Form 2026

Legend for Figure 4-1:

Completion Instructions for DD Form 2026

- To Oil Analysis Lab:** Enter the name of your supporting laboratory.
- From Major Command.** Operating Activity. Include on these two lines, your major command (FORSCOM, TRADOC, USAREUR, ELISA, and so forth), full unit designation and address, UIC, and telephone number.
- Equipment Model/APL.** Enter nomenclature and model number of the component; for example, Engine AVDS 1790-2A, Xmsn CD 850-6A, and Hydr Sys.
- Equipment Serial No.** This block shall contain the serial number of the engine or the components being sampled. On watercraft with twin

engines, such as the LCM8s, the identification will consist of the serial number of the set and suffix identifying the particular engine. For example, the engines in serial number 12A7505 shall be designated 12A7505-LD or LB, and 12A7485 will be 12A7485-RD or RB.

- End Item Model/Hull No.** Self-explanatory.
- End Item Serial No./EIC.** Enter End Item Serial Number.
- Date Sample Taken.** Self-explanatory.
- Local Time Sample Taken.** Leave blank.
- Hours/Miles Since Overhaul.** Enter cumulative number of hours/miles on the component since new or last overhaul.
- Hours/Miles Since Oil Change.** Enter number of hours/miles since last oil change on the component. If neither the component nor the

end item has an odometer or hour-meter, enter the total estimated hours.

11 **Reason for Sample.** Check the block that is applicable. When the reason is other, explain under remarks; for example, initial sample, loss of engine power, and excessive smoke.

12 **Oil Added Since Last Sample.** Self-explanatory.

13 **Action Taken.** Leave blank.

14 **Discrepant Item.** Leave blank.

15 **How Malfunctioned.** Leave blank.

16 **How Found.** Leave blank.

17 **How Taken.** Self-explanatory.

18 **Sample Temperature.** Self-explanatory.

19 **Type Oil.** Self-explanatory.

20 **Remarks.** The individual who took the sample will print first initial

and last name and sign. In addition, record the following equipment usage data in the lower right corner of the REMARKS block.

a. The odometer reading of the end item in which the component is installed. (indicate whether the odometer reading represents miles (MI) or kilometers (KM). Do not convert the readings from miles to kilometers or kilometers to miles.)

b. The end item hourmeter reading if the end item does not have an odometer; for example, HRS 50.

c. If the end item has both an odometer and hourmeter, only record the odometer reading.

d. Make sure total equipment usage is shown; i.e., the current meter reading plus usage from replaced meter(s). DID Form 314 (REMARKS block) will indicate if the equipment had a meter replaced and the usage of the old meter. Note: If the component is not installed in an end item, enter "uninstalled". Entries are NOT REQUIRED for end items not having an odometer or hourmeter.

| OIL ANALYSIS RECOMMENDATION AND FEEDBACK<br><small>For use of this form, see TS 43-0108 and TS 43-0210; the proponent agency is DARCOM.</small>                                                                              |  | REQUIREMENT CONTROL SYMBOL<br><small>CSOLD-1818</small>                                                                                                                                 |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1. TO: FIELD (Include ZIP Code and Telephone Number)<br><br>HQ BTRY 7/7 FA<br>ATTN: MAINTENANCE OFFICER<br>BLDG. NO. 17082<br>FT. HOOD, TX 76544-5000<br>PHONE NO. 672-9992                                                  |  | 3. LAB RECOMMENDATION NUMBER<br><br>80-108                                                                                                                                              |  |
|                                                                                                                                                                                                                              |  | 4. END ITEM MODEL<br><br>M36A2                                                                                                                                                          |  |
|                                                                                                                                                                                                                              |  | 5. END ITEM SERIAL NUMBER<br><br>7136-27841                                                                                                                                             |  |
| 2. FROM: LABORATORY (Include ZIP Code)<br><br>FT. HOOD OIL LABORATORY<br>BLDG. NO. 16388-a2<br>FT. HOOD, TX 76544-5000                                                                                                       |  | 6. COMPONENT TYPE<br><br>ENGINE                                                                                                                                                         |  |
|                                                                                                                                                                                                                              |  | 7. COMPONENT SERIAL NUMBER<br><br>6748293                                                                                                                                               |  |
|                                                                                                                                                                                                                              |  | 8. COMPONENT TIME (Hours/Miles)<br><br>424 HOURS                                                                                                                                        |  |
| 9. RECOMMENDATION AND REASON FOR ACTION<br><br>OIL ANALYSIS SHOWS HIGH SILICON. RECOMMEND INSPECT AND REPAIR AIR INDUCTION SYSTEM. CHANGE OIL AND FILTER, AND RESAMPLE AFTER 5 HOURS OF NORMAL OPERATION.                    |  |                                                                                                                                                                                         |  |
| 10. SIGNATURE AND TITLE OF INITIATOR<br><br><i>H. Stewart, Lab Chief</i>                                                                                                                                                     |  | 11. DATE (Day-Month-Year)<br><br>22 May 90                                                                                                                                              |  |
| 12. NOTE FOR ARMY AVIATION ONLY:<br><small>Quality Deficiency Report (QDR), SF 388 will be submitted when maintenance is performed due to impending or incipient failure indicated by oil analysis. Failure Code 916</small> |  | 13. QDR NUMBER                                                                                                                                                                          |  |
| 14. FEEDBACK (Maintenance Performed/Action Taken)<br><br>REPLACED AIR INDUCTION HOSE. CHANGED OIL AND FILTER. RESAMPLED AFTER 5 HOURS OF NORMAL OPERATION.                                                                   |  |                                                                                                                                                                                         |  |
| 15. FROM: FIELD/DEPOT MAINTENANCE PERSONNEL<br><br><i>Mary Ann Banta</i>                                                                                                                                                     |  | 16. DATE (Day-Month-Year)<br><br>30 May 90                                                                                                                                              |  |
| 17. TO: LABORATORY                                                                                                                                                                                                           |  | NOTE FOR ARMY AVIATION ONLY:<br><small>Copy of this form with SF 388 (QDR) attached will be sent to<br/>Commander, CCAD<br/>ATTN: DRSTS-MER S'op 55<br/>Corpus Christi TX 78419</small> |  |

DA FORM 3254-R  
NOV 80

EDITION OF JUN 78 IS OBSOLETE

Figure 4-2. Sample of a completed DA Form 3254-R

Legend for Figure 4-2:

*Completion Instructions for DA Form 3245-R(1) through (11)* These blocks will be completed by the laboratory.

(12) Aviation units will complete block 13 for Failure Code 916.

(13) Aviation units will complete in accordance with instructions in block 12.

(14) Feedback.

a. Explain any diagnostics performed, discrepancies found, and actions taken to return the component to a serviceable condition.

b. Include in this block the following information, when applicable.

(1) The Quality Deficiency Report (QDR)/Equipment Improvement Report (EIR) number.

(2) Work Order Number.

(15) **From.** Enter signature of the Field Depot Maintenance representative preparing the report.

(16) **Date.** Enter the calendar date (DDMMYY) the report was completed.

(17) **To.** Leave blank.

## Chapter 5 Historical Records

### 5-1. General Information

a. Historical records are kept on specific items of equipment. They show required information and events in the life of equipment.

b. These records must be controlled and kept safe from loss or damage.

c. These records give commanders information on equipment transfers, gains, losses, usage, firing data, modifications, and the AOAP.

d. Historical records may be sent on dispatch. However, these forms are normally sent on dispatch only when they will be needed during the dispatch.

e. Never start a form until there is an entry needed on that form.

f. Remake a form only when it has been lost or so damaged that you cannot read the information on the form.

g. Commanders may consolidate historical records in one or more binders.

h. Historical records will always be filled out in ink or typewritten, unless the specific instructions for the form tell you to use pencil. Use blue or black ink.

### 5-2. Missing historical information or records

a. When equipment listed in appendix E arrives without forms or information, the Army activity that gets the equipment takes action.

(1) When the equipment comes from the Defense Logistics Agency or Defense Contract Administrative Services, fill out needed forms. Send copies out as the paragraph on the form directs you.

(2) When the equipment comes from an Army procurement activity, get any needed information from the manager. Look up the equipment's NSN on the AMDF. You can find the manager by the first position of the MATCAT Code column. You can also find the manager through the equipment's Federal Supply Class (FSC) in figures 11-6 through 11-12. The FSC is the first four numbers in the NSN. Send copies out as the paragraph on the form directs you.

(3) When the equipment comes from another Army activity, get the needed information from them. Then, make and send out needed forms.

(4) The equipment data plate, property book office, and maintenance forms can sometimes "fill in the blanks" on missing or damaged forms.

(5) If you have to remake a DA Form 2408-9 (Equipment Control Record) because the original form was lost or damaged, move all the information from the old form to the new form. In the

remarks blocks of the new form, print "NEW FORM INITIATED" and the date. If blocks 1, 2, and 3 of the lost or damaged form is unknown, your unit information goes in these blocks. Throw away the NMP copies of forms made to replace lost or damaged forms.

b. When none of these sources have the information you need, write a letter to the USAMC Logistics Support Activity (LOGSA). Send the letter to: Director, USAMC Logistics Support Activity, ATTN:AMXLS-RRM, Redstone Arsenal, AL 35898-7466. Give them the NSN, serial number, and registration number, if one's been assigned, for each item you're asking about. LOGSA can usually give you the information for blocks 6, 7, 8, 9, 10, 11, and 12 of the DA Form 2408-9 and the current owner. This information is based on the latest acceptance, transfer or usage reports turned in. But if no reports were turned in, they may have no information for you. In that case, fill out a DA Form 2408-9. Your unit information goes in blocks 1, 2, and 3.

c. Do not take components or assemblies apart to see if a MWO has been applied. Also, do not take them apart to see how much usage they have had.

d. Do not open items packaged and in storage at a supply activity just to finish forms. Complete the forms when the item is issued.

### 5-3. DA Form 2408-4 (Weapon Record Data)(RCS CSGLD-1051)

a. The DA Form 2408-4 is used to record firings and other information on the service life of weapons with cannon or mortar tubes. This information is important to your safety. (See figs 5-1 and 5-2.)

b. The DA Form 2408-4, used with TB 750-231 and TM 9-1000-202-14, tells you the estimated remaining life of the tube, cannon serial number (the breech ring), and the weapon on which they are mounted.

c. Use this form to figure the total equivalent full charge (EFC) for the "rounds".

d. Use a second DA Form 2408-4 solely to note zeroing and boresight information on the M1

e. Use this form to keep up with services pulled on a tube on a rounds fired or on time basis. However, it will always be maintained with the gun, cannon, or mortar tube.

f. Appendix E indicates which items of equipment require this form.

g. Keep all your DA Forms 2408-4 in one logbook binder. Normally, you send the form out on dispatch only when the weapon will be fired, repaired or sent to support maintenance.

h. If you need special information from a DA Form 2408-4, write Commander, Watervliet Arsenal, ATTN:SMCWV-QAI, Watervliet, NY 12189, or call DSN 974-5127. When you ask about a specific cannon, include the following information:

(1) Tube serial number.

(2) Cannon size, model or series.

(3) Cannon serial number.

(4) When you do not have serial, size, and model numbers, give them all the information you do have.

i. Entries on the DA Form 2408-4 will be made in blocks 10a through 10j by the section chief, crew chief or someone designated in writing by the unit commander. These entries will be made within 24 hours of firing.

j. The information on this form is critical to your safety. Make sure all entries are correct, "add up", and are readable.

k. Send the DA Form 2408-4, as shown below, to Commander, Watervliet Arsenal, ATTN: SMCWV-QAI, Watervliet, NY 12189, when the form is filled.

(1) Active Army units send in the form on 10 April and 10 October each year.

(2) Reserve and National Guard units send in the forms on 10 October each year.

(3) When the weapon is put in storage, transferred or turned in, keep a copy of the DA Form 2408-4 showing all the data from the form you sent in. The new form will stay with the weapon at all times.

(4) A copy of the DA Form 2408-4 will go with the weapon when it is evacuated to depot for repair or overhaul.

l. Support maintenance units will send in the DA Form 2408-4 when—

(1) The tube or cannon is condemned.

(2) The tube, cannon, or weapon is lost to the Army inventory for any reason.

m. Before you mail the DA Form 2408-4 to Watervliet, do the following:

(1) Make a note in column i (Remarks) telling why the form is being sent in. For example, write "10 April report" in column i for forms sent in on that date. Print "condemned" and the reason in column i if the tube has been condemned. Put the date you sent in the form in column a. The unit commander signs in column j.

(2) Start a new DA Form 2408-4 with all the needed "brought forward" information on it. The unit commander signs in column j (fig 5-2).

n. The DA Form 2408-4 that shows only boresight and zero data will be held until it is filled. When it is filled, put the last boresight and zero information on a new DA Form 2408-4. Print "Boresight and Zero" in the top and bottom margins of the new DA Form 2408-4 (fig 5-3). Throw out the old DA Form 2408-4.

#### 5-4. DA Form 2408-4 used for recording armament system and subsystems

a. DA Form 2408-4 gives a record of firings and component replacements of the 25mm automatic gun, and Air Defense Weapons Systems. (See figs 5-4 and 5-5.)

b. This DA Form 2408-4 records the rounds fired on each armament subsystem and component. It is used when components are replaced, overhauled or rebuilt on a rounds fired basis. The armament system TM lists components handled on a rounds fired basis.

c. Use one DA Form 2408-4 for each weapon in a subsystem. One form will be used for each weapon no matter how many barrels it has.

d. Appendix E indicates what equipment requires DA Form 2408-4.

e. Entries on this form will be made by the section chief, crew chief, or someone designated in writing by the unit commander.

f. Keep this form in a binder with all the unit's DA Forms 2408-4.

g. Attach the form to the weapon when the armament subsystem is sent to support or depot, turned in or stored unmounted. Put the form in a protective cover.

h. When the form is filled, put needed information on a new form. Put at least the information from blocks I through 5, block 7, and the last entries in block 10 on the new form. For the 25mm automatic gun, fill in blocks 2 through 9, and the last entries in block 10 of the new form.

i. Keep completed forms for 90 days or until another form is filled, whichever comes first. Then throw out the completed form.

j. When equipment is overhauled or rebuilt, destroy the DA Form 2408-4. Start a new form with zero rounds fired on it.

k. Entries in blocks 1 and 3 will be in pencil. The remainder of the form will be completed in ink.

#### 5-5. DA Form 2408-5 (Equipment Modification Record)

a. This form shows published and applied MWOs. (See fig 5-6.)

b. DA Form 2408-5 will be a permanent record on—

(1) All equipment that fits the DA Form 2408-5 in appendix E.

(2) Serially numbered missile components when an MWO applies to the component.

c. A component NSN may be changed by an MWO. If the component is marked with the MWO number, you do not need a DA Form 2408-5 on the new item. Start a new form only when an MWO is issued for the item under its new NSN.

d. The DA Form 2408-5 is split into two sections, modifications required and modifications completed, which shows the following:

(1) The "required" section shows data on published modifications

needed. You may get this information from the MWO, DA Pam 750-10, or other sources.

(2) The "completed" section shows data, man-hours, and the activity that applied the MWO. You get this information from the DA Form 2407. The organization that applies the MWO will usually make the entries in this section.

e. Start a DA Form 2408-5 only when you learn that an MWO has been issued on an item you have.

f. MWO entries will be current. The DA Form 2408-5 is the only historical record showing the current configuration of the equipment.

(1) When one MWO replaces another MWO, compare the two publications as follows:

(a) If the replaced MWO has been applied to your equipment, write up the action on the DA Form 2408-5. If more work is needed on the new MWO, line out the replaced MWO entry. Write "Superseded by (new MWO number)" in columns a and b. Put the new MWO information in columns a through e on the next open line. Put the date the new MWO is required to be completed in pencil in column f. If no more work is needed for the new MWO, also fill in columns f through j on the new MWO.

(b) If the replaced MWO has not been applied, line out the replaced MWO entry on the DA Form 2408-5. Write "Superseded by (new MWO number)" in columns a and b. Put the new MWO information in columns a through e on the next open line. Put the date the new MWO is required to be completed in pencil in column f.

(2) If an MWO is cancelled or completed, make sure the DA Form 2408-5 shows that information as follows:

(a) If the MWO has been applied and entries in columns a through i have been made, take no further action. Do not fill in any blank columns.

(b) If the MWO has not been applied and entries are in columns a through e, fill in columns f and g. List the publication that cancelled or completed the MWO in those columns. In columns h and i, cite the organization making the entry. The person who confirmed the cancelled or completed MWO signs his or her name and rank or title next to the organization.

(3) If an MWO has been applied, but not entered on the DA Form 2408-5, add it to the form as follows:

(a) Fill in columns a, b, c, d, and e. The MWO will give you the information for those blocks.

(b) In column f, put the date you determined the MWO had been applied.

(c) In column 5, enter the estimated man-hours listed in the MWO.

(d) In column h, print PCW (previously complied with) or whatever applies. Add the name of the maintenance activity that verified that the MWO has been applied.

(e) The person who confirmed the MWO signs in column j.

(f) Report the already applied MWO on a DA Form 2407. Paragraph 3-7 tells you how to handle the DA Form 2407.

(4) You may find a completed MWO entry on the DA Form 2408-5 when the MWO has not been applied. See (a) and (b) below:

(a) Draw a line through the MWO entry. Write "re-entered below" on the same line.

(b) Put the MWO information on the next open line in columns a through e. In pencil, note the calendar date the MWO is required to be completed.

(5) If an MWO that does not apply has been put on the DA Form 2408-5, draw a line through the entry. Print "not applicable" in column f on the same line.

(6) If a change comes out on an MWO listed on the DA Form 2408-5, draw a line through the entry. Put the new information on the next open line.

g. When a component or assembly that has a DA Form 2408-5 is removed for any reason to include evacuation to depot, attach the form to that item. Protect the form with a cover.

h. When a component or assembly that has a DA Form 2408-5 is installed, add the form to the missile system log.

## 5-6. DA Form 2408-9

*a. Purpose.* The DA Form 2408-9 gives maintenance managers at all levels a record of equipment acceptance and other inventory data. It also keeps up with ownership, location, usage, transfers, pins, losses, and overhaul. AR 710-3 controls registration numbers on Army vehicles. The DA Form 2408-9 is also used as a record of the registration number on the equipment (see fig 5-7 through 5-14).

### *b. Use.*

(1) This form is used to keep up with equipment: acceptance, gains, losses, transfers, usage, overhaul, NSN changes, and registration numbers.

(2) Equipment requiring DA Forms 2408-9 are found in appendix E. Other equipment may need these forms under the U.S. Army Vehicle Registration Program in AR 710-3 or when directed by HQDA or other command. AR 710-3 has its own list of equipment needing DA Forms 2408-9. When equipment is covered by both this pamphlet and AR 710-3, keep only one set of forms. You do not need separate forms.

(3) LOGSA at Redstone Arsenal, AL, is responsible for maintaining a TAMMS equipment data base. The DA Form 2408-9 is the prime source of information in support of the data base. This data base supports the Army's budget, equipment procurement, operating tempo (OPTEMPO) determinations, and provides output summaries and reports in support of equipment age, ownership, asset position, usage, overhaul, and safety recall requirements. Extract summaries of data from this base are available in various formats. Requests for information should be addressed to Director, USAMC Logistics Support Activity, ATTN: AMXLS-RRM, Redstone Arsenal, AL 35898-7466.

### *c. Special information.*

(1) *Instructions and use.* The DA Form 2408-9 instructions and use apply to all Army units, organizations, and activities as shown below:

(a) Army depots fill out and send in DA Forms 2408-9 even though the property accounts for depot stock are kept at the AMC major subordinate command level.

(b) The property officer or the officer accountable for the property of the parent unit will make out the DA Form 2408-9. Defense Reutilization and Marketing Offices (DRMOs) are not responsible for completing DA Form 2408-9 Loss Reports. Loss Reports will be completed by the accountable officer of the parent unit of the owning organization prior to sending the equipment to DRMO. He or she is also responsible for distributing the copies.

(c) For this pamphlet, a parent unit is: battalion level for tables of organization and equipment (TOE) units and the property book level for tables of distribution and allowances (TDA) units. For depot operating and mission stocks, the depot level is the parent unit. TOE separate companies that are not part of larger units are their own parent units.

(d) The maintenance officer is responsible for distributing copies of the DA Form 2408-9 Usage Report.

(e) If you have to remake a DA Form 2408-9 because the original form was lost or damaged, move all the information from the old form to the new form. In the remarks block of the new form, print "NEW FORM INITIATED" and the date. If blocks 1, 2, and 3 of the lost or damaged form is unknown, your unit information goes in these blocks. Throw away the NMP copies of forms made to replace lost or damaged forms.

(2) *Acceptance and registration.* A DA Form 2408-9 will be made when equipment needing this form is accepted into the U.S. Army inventory as shown below. (See fig 5-7.)

(a) Equipment may be accepted on delivery from a manufacturer.

(b) Some equipment has a DA Form 2408-8 (Acceptance Report). Although the DA Form 2408-8 is obsolete, it is still valid for the Acceptance Report.

(c) Normally the Acceptance Report is filled out and distributed by the agency accepting the item into the Army inventory. However, some equipment may arrive from a manufacturer without a completed Acceptance Report. When that happens, the organization that

discovers the need for the form will fill out and distribute a DA Form 2408-9 Acceptance Report.

(3) *Usage.* A DA Form 2408-9 is used to report total miles or kilometers on the equipment. Equipment needing this report will have the DA Form 2408-9 usage specifically listed after the item in appendix E. (See fig 5-8.)

(a) Usage reports are filled out on different dates as follows:

1. As of 1 October for non-tactical vehicles.
2. As of 1 November for tactical vehicles.
3. As of 1 February and 1 August for floating craft.

(b) Appendix E identifies items on which usage data is to be reported. These items include tactical vehicles, selected items in the construction and support equipment categories, and selected wheeled vehicles listed as part of missile systems.

(c) Usage Reports are needed on equipment both in use and in storage. This includes prepositioned materiel configured to unit sets (POMCUS) and war reserve stocks that have been used for a major exercise during the reporting period. (See TM 38-450.)

(d) Usage reports are NOT needed for uneconomically repairable vehicles awaiting disposition instructions from higher headquarters. Reports are not needed on tactical vehicles in a depot for repair. Those items will have a condition code of M. Do not report tactical vehicles in stock that have a DD Form 1348 issued for them.

(e) When you have an automated system, you do not need to fill out a Usage Report for each piece of equipment. You may use a printout that lists all equipment needing a Usage Report. Print the current usage on the printout. Send one copy of the printout to your local data reduction center. Data reduction centers will process usage data and forward to LOGSA in DA Form 2408-9 format. A second copy of the printout will be kept at the unit until the next annual Usage Report.

(f) Usage reporting for all combat and selected tactical vehicles has been deleted. Usage for these items is now being collected through the Army AOAP. Tactical vehicles not enrolled in the AOAP are still DA Form 2408-9 USAGE reportable and will be reported as of 1 November of each year.

(4) *Transfers.* A Transfer Report is needed each time equipment needing DA Forms 2408-9 is transferred between parent units as shown below. (See fig 5-12.)

(a) After a reportable item is accepted into the Army inventory, and the item is transferred between parent units, a DA Form 2408-9 Transfer Report, must be prepared and submitted by both the losing organization (report code 1) and the gaining organization (report code 2). Transportation activities, ports, and agencies involved in the shipment are not "shipped to or from" activities for the DA Form 2408-9, but shipping activities will make sure a copy of the transfer report is protected and on the equipment.

(b) Do not send in a Transfer Report when the item is shipped or received on a loan basis. Do not report an item in installation supply that is marked for issue within 7 days. Transfer Reports are not needed as long as equipment stays on the unit property book or supply account, so you do not need a report when equipment is transferred within the same parent unit or sent to a maintenance facility and returned to the user and no property book transfer is involved.

(c) When a unit is redesignated and/or the UIC of a unit changes, send a letter or message to Director, LOGSA, ATTN: AMXLS-RRM, Redstone Arsenal, AL 35898-7466. Include both the old and the new UIC. The letter or message acts as a Transfer Report for all your equipment. Line through the old UIC on YOUR log book copy of the DA Forms 2408-9 and write the new UIC above it.

(d) When an item is received that is to be put into use (service) for the first time, check the end item and major components for a label stating that a warranty applies. If a warranty appears to apply, the Control Copy of the "Received from" Transfer Report will be sent to the supporting WARCO. The WARCO will add the in-service date to the Remarks block of the form and forward the form as directed by the particular warranty technical bulletin (TB). If the TB has no instruction, dispose of the form as needed locally.

(5) *Loss.* Send in a DA Form 2408-9 each time an item needing

the form is lost to the Army inventory. (See fig 5-11.) Losses can be physical or administrative. Send in Loss Reports when items are integrated into higher assemblies. You need a loss report on each item going into a higher assembly when the items require a DA Form 2408-9 as shown in appendix E.

(6) *Gain.* Gain Reports cover items that come into the inventory from other than a manufacturer or local purchase. (See fig 5-10.) Report equipment you get from Marine Corps, Air Force, property disposal offices, etc., on a Gain Report. Send in a Gain Report on the new item when equipment is integrated into a higher assembly. Also, send in a Gain Report on item taken out of higher assembly when the items require a DA Form 2408-9, as shown in appendix E or in table 5-1 of AR 710-3.

(7) *Repair Program* for selected combat and tactical vehicles. (See fig 5-14.) A DA Form 2408-9 is required each time a selected combat or tactical vehicle is repaired under the CONUS Tactical Wheeled Vehicle Program, OCONUS Theater General Support Repair Program (GSRP) (formerly the Theater Army Repair Program (TARP), or other DA-approved programs requiring DA Form 2408-9 reports. Currently this pertains to vehicles repaired under the two programs mentioned above and performed only at GS shops, depots, or under contract. Items of equipment requiring DA Form 2408-9 are designated in the "DA Form 2408-9 Repair" column in appendix E. The DA Form 2408-9 will be prepared and submitted by the organization that performs the repair action.

(8) *Overhaul* (see fig 5-9).

(a) Army depots and contractors who overhaul Army equipment report on a DA Form 2408-9. Overhaul Reports are sent in on all equipment needing a Usage Report. When the overhaul changes the NSN of an item, report the overhaul on the old NSN, not the new one.

(b) On the completion of an Overhaul Report, the date of overhaul and the name of the facility performing the action must be in block 21 of the log book copy of the Acceptance or Gain Report. If at the time of overhaul the odometer is NOT reset to "0" miles/kilometers (M or K), the odometer reading will be recorded in block 21 of the log book copy of the Acceptance or Gain Report.

(9) *NSN redesignation.* When for any reason the NSN of an item requiring a DA Form 2408-9 is redesignated/changed, the organization performing the maintenance action that changes the NSN will prepare and send in a DA Form 2408-9 reporting the change. (See fig 5-13.) Separate forms are required for each individual item changed as shown below:

(a) When the serial number and/or registration number does not change, one DA Form 2408-9, a Report Code S (Gain), will report the change in NSN.

(b) When the NSN and the serial number and/or registration number change, make two DA Forms 2408-9s. Send in a Loss Report on the old item, using Report Code N. Send in a Gain Report on the new information, using Report Code T.

(10) *Army Commercial Vehicle Codes.* Army Commercial Vehicle Codes (ACVC) are no longer used for nontactical vehicles. Older forms may still show ACVCs. Line through the ACVC and put the NSN in that block.

**Table 5-1**  
**Key punched control record**

| Record Positions | Operator Enters                |
|------------------|--------------------------------|
| 1-5              | TXMSG                          |
| 6-7              | 01                             |
| 8-9              | 01                             |
| 10               | Blank                          |
| 11-15            | Enter applicable station code. |
| 16               | Blank                          |
| 17-22            | 2408-9                         |
| 23-24            | TO                             |
| 25               | Blank                          |
| 26-31            | LOGSA                          |
| 32               | Blank                          |
| 33-34            | FR                             |

**Table 5-1**  
**Key punched control record—Continued**

| Record Positions | Operator Enters                                                                                                                                                                       |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 35               | Blank                                                                                                                                                                                 |
| 36-80            | Abbreviated title of the submitting organization location, DSN number, point of contact, batch number, and number of batches. Example: RRAD, TX, DSN 829-1000, Mr. Wright, Batch 1/2. |

*d. Disposition.* The DA Form 2408-9 is a multi-copy form and distributed as follows:

(1) *NMP copy one.* Send this copy through local data reduction centers to: Director, LOGSA, ATTN: AMXLS-RRM, Redstone Arsenal, AL 35898-7466. Usage Reports must be sent within 30 working days after the report date. Other reports must go in within 15 working days after the action. If you send the DA Form 2408-9 through a data processing center, do not send a copy of the form to LOGSA. The information will be sent from your data processing center electronically. Hard copies (the form) of Usage Reports on floating craft go directly to: Commander, U.S. Army Aviation and Troop Command (ATCOM) (TROOP), ATTN: AMSAT-I-MMW, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. For items repaired under the Repair Program for selected combat and tactical vehicles, this copy of the DA Form 2408-9 will be destroyed. Do not submit to LOGSA.

(2) *Control copy two.*

(a) Use or dispose of this copy as local command or commander directs.

(b) For equipment under warranty, forward the control copy of Transfer Reports to the warranty control office.

(3) *Log book copy three.*

(a) Write "Permanent Log Book Copy" in block 21 of the Acceptance or Gain Report. Keep these forms in a binder of all the unit's DA Form 2408-9 Acceptance and Gain Reports.

(b) Keep the latest Usage Report until the next reports are sent in. A copy of the latest Usage Report will go with an item when it is evacuated to depot for overhaul.

(c) Throw out the Loss and Overhaul Report after overhaul information has been written in block 21 of permanent logbook copy of the Acceptance or Gain report.

(d) Keep the latest Transfer Report until the next transfer action. When a Transfer Report (code 1, table B-14) is completed, the log book copy will go with the vehicle. When a unit receives a vehicle, the Transfer Report (code 1) that came with it will be destroyed when the Transfer Report (code 2) is made. If no current Transfer Report exists in the log book binder, do not reconstruct just for the purpose of complying with this paragraph.

(e) For items repaired under the Repair Program for selected combat and tactical vehicles, this copy of the DA Form 2408-9 will be maintained at the owning unit level in the equipment log book binder. This copy should remain with the item of equipment throughout its life cycle.

(4) *Process and distribute the form.* Paragraph 5-6f and figures 5-17 through 5-21 tell ADP and data reduction activities how to process and distribute the form after data is reduced.

(5) *Integrated equipment.* When equipment is integrated into a higher assembly, keep only the DA Form 2408-9 on the higher assembly. Throw out the logbook copies of any DA Form 2408-9 reports on the items that went into the higher assembly.

*e. Corrections.* The DA Form 2408-9 information is sent to LOGSA and is entered into a computer. Make out a corrected copy of the original form as shown below.

(1) Print "Corrected Copy" in large letters across the front of the new form.

(2) Copy the information from the old form onto the corrected copy.

(3) Put the information you want to correct on the corrected copy in block 2 1. Circle this information in red.

(4) Send the NMP copies of the forms to Director, LOGSA, ATTN:AMXLS-RRM, Redstone Arsenal, AL 35898-7466. Send the actual form. Do not send the information through your data reduction center.

(5) The other copies of the corrected form will be distributed as outlined in d above. Throw out all your copies of the incorrect form.

*f. Data collection and submission*

(1) *General.* These procedures apply to all units/organizations, under the jurisdiction of Headquarters, Department of the Army, submitting DA Form 2408-9 and are applicable to the collection, editing, reduction, processing of such data. Implementation of these procedures may require establishment of a control point, under the control of a command staff element such as the G-4. This control point would be responsible for these procedures and their submission per the timeframes established in paragraph 5-6d(1).

*(2) Responsibilities.*

(a) Unit, organization, and activity commanders are responsible for the accuracy and completeness of recorded information and timely submission of prescribed data.

(b) Major Army commanders provide necessary ADP data reduction facilities and trained personnel to accomplish prescribed operating functions.

(c) Above commanders ensure that DA Forms 2408-9 will be edited, corrected, and data reduced. Editing instructions are contained in figures 5-7 through 5-14. Data reduction instructions are in figures 5-17 through 5-21. When editing the form, ensure that blocks that state "will enter" in figures 5-7 through 5-14 are filled. Without these entries, the entire form will reject in the Army's logistics data base and limit, if not eliminate, the record.

(d) Data will be submitted to the Director, LOGSA, ATTN:AMXLS-RRM, Redstone Arsenal, AL 35898-7466, using AUTODIN facilities where possible.

(3) *Inaccurate control numbers.* To correct inaccurate control numbers and adjust to the required six characters, the following action will be taken:

(a) *Seven characters.* Delete the first numeric character.

(b) *Five characters.* Prefix with an alpha "X".

(c) *Duplicate numbers.* Change the first character for one of the forms to an alpha "X".

(d) *Different numbers on the copies of one form.* Use the control number on the NMP copy. The numbers on the other copies may be changed to establish an audit trail for local use.

(4) *Classification.* When dealing with groups/collections of DA Form 2408-9 data, which may represent classified rollups, all levels of command will ensure compliance with the basic security policies set forth in AR 380-5, AR 380-51 (C), and paragraph 1-10 of this pamphlet.

(5) *Accepted methods of data submission.* After data has been thoroughly edited, it may be submitted to LOGSA by AUTODIN, DDN E-Mail, floppy diskette, magnetic tape, or hard copy. These methods are listed in the preferred order of submission, and MUST be accomplished in descending order based on the data reduction and communications capabilities of the submitting unit/organization. Magnetic tape specifications are 9 track, 1600BPI, unlabeled, 80, characters per record, 10 records per block, odd parity, recording mode EBCDIC. Floppy diskette specifications are 2S/2D/HD/LD, MS/PC DOS compatible, 80 characters per record, ASCII Standard Data Format (SDF), file name "DA2408-9.SDF" first record header. Positions are follows:

(a) Position 1-6 Submitting unit UIC.

(b) Position 7-30 Submitting unit POC.

(c) Position 31-43 POC DSN.

(d) Position 44-48 Date prepared.

(e) Position 49-53 Station Code.

(f) Position 54-79 Organization/location.

(g) Position 80 L.

(6) *Transmittal instructions.*

(a) Use the same specifications and format as floppy diskette

specifications/format. DDN E-Mail address is tammsmgr@redstone-emh2.army.mil.

(b) DA Form 200 (ADP Data Transmittal Record) will be enclosed with all shipments of magnetic tapes produced from source DA forms. This requirement does not apply to individually mailed DA forms.

(c) Place hard copy DA forms in envelopes or boxes with a DA Form 200 enclosed as prescribed below and securely sealed.

(d) Label the reels of magnetic tape(s) to indicate type of records and enclose them in a reel container. Place the container in a shipping carton or box securely wrapped and sealed with a DA Form 200 enclosed with each reel.

(e) Each organization, activity or agency that submits forms, cards, or magnetic tapes to the national level will number each shipment consecutively beginning each calendar year. Prefix the shipment number with the single digit numeric year, for example, the number 2-009 would indicate the 9th shipment for 1992.

(f) Identify all envelopes or boxes by placing the shipment number and number of containers in the lower left hand corner on the package, such as, SHIPMENT #2-W9 or SHIPMENT #2-010, 1 of 12 Envelope, Box # 1, and Box 1 of 3, etc. If a carton holds more than one box for shipment, mark the carton to include shipment number and number of boxes, for example, SHIPMENT # 2-243, 3 boxes. Envelopes will be annotated with a required delivery date(RDD) as follows: RDD (date).

(g) Prepare a separate DA Form 200 Transmittal Record, in triplicate, for each shipment of forms, cards, or magnetic tapes and dispose of as specified in subparagraphs 1, 2, and 3 below.

1. Place the original of the DA Form 200 in the box, envelope or package. If there are two or more boxes in the shipment, place the original copy in box number one.

2. Mail one copy separately from the shipment to the addressee in the "TO" block on the same day the shipment is dispatched.

3. The originator will retain the remaining copy for 6 months.

(h) Whenever possible, records will be transceived via AUTODIN or other transceiver facilities as follows:

1. *DA Form 2408-9.* The electrical transmission of DA Form 2408-9 header record (as required by JANAP 128) will be the first record of a transceived batch and is provided by the communication center. A unique routing identifier code, RUCLBNB, has been established for transmission of all DA Forms 2408-9 to LOGSA. The AUTODIN header record will be immediately followed by a control record as shown in table 5-1.

2. *Record batching.* Each batch will contain records information from one source. For example, "G" and "H" records from a DA Form 2408-9 will be in the same batch. A batch will not exceed 500 records, including AUTODIN header, control records, trailer, and end of transmission records.

## 5-7. DA Form 2408-20 (Oil Analysis Log)

a. *Purpose.* This form is a record of oil samples taken and lab analysis of those samples (see fig 5-15).

b. *Use.* DA Form 2408-20 is used to record oil sample results for equipment enrolled in the AOAP. The equipment is identified in chapter 4, tables 4-1 through 4-7. However, if the supporting AOAP laboratory is automated, and you receive printout(s) with all the data from the DA Form 2408-20, the DA Form 2408-20 is not required, unless directed by local standing operating procedures.

*c. Disposition.*

(1) Transcribe hourmeter changes and other needed information to a new DA Form 2408-20. Keep the completed DA Form 2408-20 for 6 months after the last entry is made in column 4. Then destroy the old form. The most recent printout will be kept on hand until receipt of next printout (normally, the unit will receive these printouts monthly).

(2) If a component requiring this form is removed for any reason, the DA Form 2408-20 will go with the component. If the supporting AOAP laboratory is automated, a printout, "Component History" showing the results of the last six samples will go with the evacuated component in place of the DA Form 2408-20. The printout will be given to the supporting AOAP laboratory at the new location.

The DA Form 2408-20 or a printout will go with items sent to depot for repair or overhaul. Request the printout, "Component History", from the supporting laboratory prior to evacuation of component.

*d. Special instructions.*

(1) DA Form 2408-20 is not used when an ADP system gives you printouts or automated forms with all the data from the DA Form 2408-20. When using an ADP system, any information that may have been required to be placed in the remarks block of the DA Form 2408-20, i.e., odometer changes, warranty information, etc., will be annotated in the remarks block of the DD Form 314.

(2) If the AOAP lab recommends that a warranty component be removed or maintenance action performed, the AOAP monitor will contact the supporting warranty control office. The warranty control office will research the warranty provision and give permission to take the lab-directed action, take other action, or request the lab report use for a warranty claim.

(3) The warranty control office will notify the unit of disposition to take on warranted components affected by a warranty claim.

(4) The warranty control office will notify the unit when the warranty no longer applies. Lab-directed oil changes and other actions directed will then apply.

### 5-8. DA Form 2409 (Equipment Maintenance Log(Consolidated))

*a. Purpose.* DA Form 2409 gives a maintenance history of an item of equipment (fig 5-16).

*b. Use.*

(1) This form is used as an equipment log.

(2) Keep this form on equipment requiring a DA Form 2409 as shown in appendix E.

(3) Use this form as a record of safety recall information.

(4) Commanders may require this form on equipment not listed in appendix E.

(5) For commissary equipment, see the Commissary Operating Manual (COM).

(6) When local or command procedures require tracking of maintenance costs, use this form.

(7) When other forms are required on an item of equipment in addition to the DA Form 2409, do not complete the DA Form 2409 section that duplicates the other records. For example, do not complete Section B where DD Form 314 is required.

(8) When a repair cost is required the DA Form 2409 will be used. Only Sections A and C will be completed on those items.

(9) The DA Form 2409 will be used to track and control components under warranty whenever the components are separately warranted or the components have warranty periods or conditions that differ from the end item on which they are mounted. This type of warranty is not the norm. Refer to the warranty technical bulletin to determine when a DA Form 2409 is required as shown below:

(a) The published warranty technical bulletin or supply letter for the component's end item or system will identify separately warranted items and warranty periods or conditions. Contact your supporting warranty control office for any help needed to identify warranted items.

(b) Sections A, B, and C of the DA Form 2409 will be completed as needed to track and control components under warranty.

(c) The DA Form 2409, used to track and control components under warranty, will be in the equipment record folder for the end item or system when the item goes in for maintenance.

*c. Special instructions.* Support maintenance will inform the owning unit of component hours added during maintenance and of any hours on replaced/new components.

*d. Disposition.*

(1) The DA Form 2409 is thrown out 6 months after the date of the last entry in Sections B or C. For local use, this form may be kept 1 year after the date of the last entry in Section B or C.

(2) Transcribe the following information to a new DA Form 2409:

(a) *Section A.* All entries.

(c) *Section C.* Put the date in column a and the word "Consolidated" in column c. Carry the totals from the old form's columns d, e, f, and g to the new form.

(d) *Section D.* All entries.

### 5-9. DD Form 1650 (Ammunition Data Card)

*a. Purpose.* This card gives a history of a lot of ammunition and explosive materiel and serially numbered complete round guided missiles (see fig 5-22).

*b. Use.*

(1) When and how to use this form as a history of ammo, explosive materiel, and guided missile items is in MIL-STD-1 167B

(2) You will also use this DD Form 1650 to keep up with changes of serial numbered components on selected missile systems. This pamphlet directs the use of the DD Form 1650 as a component register for missile systems.

(3) Use the DD Form 1650 to keep up with changes of serial numbered components on Chaparral, HAWK, and TOW missile systems. Other missile systems coming into the inventory later may be added to this list.

*c. Disposition.* Dispose of the form as directed by your command Letter of Instruction on the DD Form 1650.

### 5-10. Equipment log book binder

*a.* Units will keep all like historical forms in a binder (NSN 7510-00-889-3494). That is, all the unit's DA Forms 2408-4 go in one binder. The unit's DA Form 2408-9 Transfer Reports will go in one binder. When the combined forms are too large for one binder, divide them into two or more binders.

*b.* The DA Form 2408-9 will normally need the following four binders:

(1) Acceptance or Gain Reports.

(2) Transfer Reports.

(3) Usage Reports.

(4) Repair Reports.

*c.* Equipment logbook binders may also be used to hold forms required on a missile system while on dispatch when more forms are needed than can be kept in an equipment record folder.

*d.* Units with six or fewer items of equipment may keep like forms in a binder or keep all the forms on an item of equipment in a binder.

*e.* U.S. Army Combat Equipment Group Europe (USACEGE) activities may also keep all the forms on a POMCUS item of equipment in a binder.

### 5-11. Records that go with equipment

*a. General.* The following forms will go with the equipment when it is—

(1) Manufactured, assembled, overhauled, or rebuilt. Depots and supply activities will make sure the required forms are with the equipment in an equipment record folder or binder. A copy of the DA Form 2404 used to show a technical inspection on the item will also be with the equipment.

(2) Turned-in or transferred. The DD Form 314, as well as equipment records, will go with the equipment.

(3) Sent to Defense Reutilization and Marketing Office (DRMO). The organization or activity that has the equipment just before sending it to the DRMO or salvage handles the forms as follows:

(a) Send the DA Form 2408-9 Loss Report NMP copy through the local data reduction center to: Director, LOGSA, ATTN:AMXLS-RRM, Redstone Arsenal, AL 35898-7466.

(b) Send the DA Form 2408-20 and DA Form 2408-4 with the equipment.

(c) Destroy the DA Form 2408-9 log book copies and DA Form 2409.

(d) Send a copy of the most current DA Form 2404 with the equipment.

(4) *Fired missiles.* Send the missile log and all its records to: Commander, USAMICOM, ATTN: AMSMI-SNEM, Redstone Arsenal, AL 35898.

b. *U.S. Army equipment on loan.* Send the records with equipment listed in appendix E when the equipment is loaned to other DOD agencies. Send the records with equipment loaned or contracted to other U.S. Government departments or agencies when directed to do so.

c. *U.S. Army equipment transferred.* U.S. Army equipment transferred to other U.S. Government departments and agencies should be handled as follows:

(1) Send records with equipment transferred to other departments or agencies when directed to do so.

(2) Send DA Form 2408-9 Loss Report for equipment transferred to other departments or agencies to LOGSA as directed in a(3) (a) above.

d. *Military Assistance Programs.* Send records with equipment

given to other nations under the Military Assistance Program as follows:

(1) A new DA Form 2408-4 with block 3 blank. Make sure all information is current. Send the old form to: Commander, Watervliet Arsenal, ATTN: SMCWV-QAP, Watervliet, NY 12189.

(2) A DA Form 2408-9 Loss Report to LOGSA as directed in a(3)(a) above.

(3) When a DA Form 2409 is required on the equipment, make a new form as follows:

(a) Complete blocks 1, 2, 3, 6, 9, and 10 in Section A.

(b) Put the make, model, serial number, and describe the engine, attachments, and serial numbered component, if it has any, in Section B.

(c) Put the date of the last overhaul in column c of Section C.

(4) A DA Form 2408-5 for all MWOs applied.

(5) Destroy any other forms.

| WEAPON RECORD DATA                                                   |                 |                                 |              |                        |                      |                    |                          |                                                                                 |           | REQUIREMENT CONTROL SYMBOL                                                                                                                                                            |  |
|----------------------------------------------------------------------|-----------------|---------------------------------|--------------|------------------------|----------------------|--------------------|--------------------------|---------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| For use of this form, see TM 38-750; the proponent agency is OCSLOG. |                 |                                 |              |                        |                      |                    |                          |                                                                                 |           | CSGOLD-1081                                                                                                                                                                           |  |
| 1. TUBE SERIAL NO.                                                   |                 | 2. CANNON TYPE, MODEL OR SERIES |              | 3. ORGANIZATION (UIC)  |                      |                    |                          |                                                                                 |           | 4. SPECIAL LIFE DATA                                                                                                                                                                  |  |
| 23415                                                                |                 | 155 MM, M 185                   |              | A-4/50TH FA WABLAO     |                      |                    |                          |                                                                                 |           | EFC RDS LIFE OF C.250<br>T.O. RECU? Pins 8107<br>Cum RDS, TORQUE KEY<br>9510 Cum RDS, MUZZLE<br>BREK 1 BONE EVC-REM<br>CIND 8209 4-Quarterly<br>CRACK BEARINGS<br>LUBED 8209 CUM RDS. |  |
| 5. END ITEM IDENTIFICATION                                           |                 |                                 |              | 6. RDS/EFC COMPUTATION |                      |                    |                          | 7. CANNON SERIAL NO.                                                            |           |                                                                                                                                                                                       |  |
| HOW. MED. SP. 155MM, M109A3 SN: 1745                                 |                 |                                 |              | ZONE EFC               |                      |                    |                          | 1-6 0.25<br>7 0.75<br>8 1.00                                                    |           |                                                                                                                                                                                       |  |
| 7. CANNON SERIAL NO.                                                 |                 |                                 |              | 8. RETUBINGS           |                      |                    |                          | 9. RESUSHINGS                                                                   |           |                                                                                                                                                                                       |  |
| 18911                                                                |                 |                                 |              | 1 6010EFC              |                      |                    |                          |                                                                                 |           |                                                                                                                                                                                       |  |
| 10. Date                                                             | Projectile Type | Zone or Charge                  | Rounds Fired | EFC RDS Fired          | Cumulative RDS Fired | Cumulative EFC RDS | Remaining Life (EFC RDS) | Remarks: Recoil Exercise (RE), Gage or Velocity Reading, Safety Inspection (SI) | Signature |                                                                                                                                                                                       |  |
| 100Apr91                                                             | HEM107          | 3 AYAI                          | 7            | 1.75                   | 8028                 | 1507.75            | 1343.25                  | 206.00                                                                          | 3319.00   |                                                                                                                                                                                       |  |
| 20Apr91                                                              | SM M116         | 3 AYAI                          | 3            | 2.25                   | 8035                 | 1509.50            | 1345.50                  | 206.00                                                                          | 3314.00   |                                                                                                                                                                                       |  |
| 28Jul91                                                              | HEM519A1        | 8 AYAI                          | 10           | 10.00                  | 8048                 | 1509.50            | 1345.50                  | 216.00                                                                          | 3304.00   |                                                                                                                                                                                       |  |
| 2Sep91                                                               | HEM107          | 4 AYAI                          | 40           | 10.00                  | 8088                 | 1519.50            | 1345.50                  | 216.00                                                                          | 3294.00   |                                                                                                                                                                                       |  |
| 9Sep91                                                               | HEM107          | 4 AYAI                          | 10           | 7.50                   | 8098                 | 1519.50            | 1345.50                  | 216.00                                                                          | 3286.50   |                                                                                                                                                                                       |  |
| 20Oct91                                                              | HEM107          | 3 AYAI                          | 3            | 0.75                   | 8101                 | 1520.25            | 1346.25                  | 221.00                                                                          | 3278.50   |                                                                                                                                                                                       |  |
| 10Oct91                                                              | HEM107          | 5 AYAI                          | 5            | 5.00                   | 8106                 | 1520.25            | 1346.25                  | 221.00                                                                          | 3278.50   |                                                                                                                                                                                       |  |
| CONTINUE ON REVERSE                                                  |                 |                                 |              |                        |                      |                    |                          |                                                                                 |           |                                                                                                                                                                                       |  |

DA FORM 2408-4  
1 JAN 79

EDITION OF 1 DEC 77 WILL BE USED.

Figure 5-1. Sample of a completed DA Form 2408-4 (Weapon Record Data)

Legend for Figure 5-1:

(1) Tube Serial No.

a. Enter the cannon tube serial number. TM 9-1000-202-14 shows you where tube serial numbers are on cannons.

b. For the 106MM Recoilless Rifle, put the assembly serial number here.

(2) Cannon Type, Model Or Series. The cannon type, model series, 105MM, M68, for example, or 155MM, M 185, goes in this block.

(3) Organization (UIC). Owning organization name and Unit Identification Code (UIC). Pencil entry only.

(4) Special Life Data. Enter special life data on the specific weapon.

a. Use this space to record EFC round life and other tube life information, when needed.

b. Note any maintenance to be pulled on a rounds fired basis. (Pencil entry.)

c. For the 106MM Recoilless Rifle, use this space to keep a total round count on the installed vent.

d. For the 105MM, M68 Gun, compare the remaining EFC life of the breech mechanism assembly to the remaining life of the gun tube in column 10h. If the EFC life of the breech assembly is less than the entry in column 10h, print in column 10g, "Do not exceed (whatever the remaining breech mechanism EFC life is)."

(5) End Item Identification. Enter the weapon end item identification type series and model. For example, Howitzer, Medium, towed, M 198 or Tank, Combat, M60A1. Also put the end item chassis serial number in this block.

(6) RDS/EFC Computation. Enter "equivalent full charge" (EFC) factors for various rounds here. TIV19-1000-202-14 gives EFC factor values. Write the zone figures above the subcolumns in column 10g.

(7) Cannon Serial No. Enter the cannon serial number. TM 9-1000-202-14 shows where the cannon serial numbers (breech ring) are.

(8) Retubings. Divide this block into 2 sections by drawing a diagonal (slanted) line from the upper right to the lower left corner.

a. In the first section, put the number of times the installed breech ring



(4) **Special Life Date.** Enter any special life data from the form to be sent in. EFC round life will be entered here. Enter any Information on maintenance to be done on a round count basis.

(5) **End Item Identification.** Enter the weapon end item identification, type series and model. For example, Howitzer, Medium, towed, M1 98, or Tank, Combat, M60A1. Also put the end item chassis serial number in this block.

(6) **RDS/EFC Computation.** Enter "equivalent full charge" (EFC) factors for various rounds here. TM 9-1000-202-14 gives EFC factor values. Write the zone figures above the subcolumns in column 10g.

(7) **Cannon Serial No.** Enter the cannon serial number. TM 9-1000-202-14 shows where the cannon serial numbers (breech ring) are.

(8) **Retubings.**

a. Enter the information from both sections in the previous form's block 8.

b. For 105MM M68 Gun, take the total EFC rounds for the breech mechanism from the previous form's block 8. Add the number to the difference between the first and last entries in column 10g of the previous DA Form 2408-4. Put this number on the new form in the second section of block 8.

(9) **Rebushings.** Leave blank.

(10) This block is divided into 10 columns, a through j.

(a) **Date.** Enter the current date.

(b) **Projectile Type.** Leave blank.

(c) **Zone Or Charge.** Leave blank.

(d) **Rounds Fired.** Leave blank.

(e) **EFC RDS Fired.** Leave blank.

(f) **Cumulative RDS Fired.** Enter the total rounds fired from the last entry in column 10f of the form to be sent in.

(g) **Cumulative EFC RDS.** Enter the total EFC rounds fired from the last entry in column 10g of the form to be sent in.

(h) **Remaining Life EFC RDS.** Enter the remaining life. Make sure this number matches the last entry in column 10h of the previous DA Form 2408-4.

(i) **Remarks.** Transfer any needed remarks from the previous form. For example, enter the date of the last borescope, special maintenance inspection, last pullover gauge reading, calibration (VE) and Recoil Exercise (R.E.).

(j) **Signature.** The unit commander signs in this column on the first line and last line entries. The unit commander's signature shows that all the information has been checked on the previous form and is correct. It also means all current and needed information has been transcribed to a new DA Form 2408-4.

| BORESIGHT AND ZERO ONLY                                                     |                 |                                 |              |               |                               |                    |                          |                                                                                  |                |
|-----------------------------------------------------------------------------|-----------------|---------------------------------|--------------|---------------|-------------------------------|--------------------|--------------------------|----------------------------------------------------------------------------------|----------------|
| WEAPON RECORD DATA                                                          |                 |                                 |              |               |                               |                    |                          | REQUIREMENT CONTROL SYMBOL                                                       |                |
| For use of this form, see TM 9-1000-202-14; the proponent agency is DCSLOG. |                 |                                 |              |               |                               |                    |                          | CSGLD-1061                                                                       |                |
| 1. TUBE SERIAL NO.                                                          |                 | 2. CANNON TYPE, MODEL OR SERIES |              |               | 3. ORGANIZATION (UIC)         |                    |                          | 4. SPECIAL LIFE DATA                                                             |                |
|                                                                             |                 |                                 |              |               | CO A 452 <sup>th</sup> WAAGYN |                    |                          |                                                                                  |                |
| 5. END ITEM IDENTIFICATION                                                  |                 |                                 |              |               | 6. RDS/EFC COMPUTATION        |                    |                          |                                                                                  |                |
| TANK COMBAT M1 SN: 7765                                                     |                 |                                 |              |               |                               |                    |                          |                                                                                  |                |
| 7. CANNON SERIAL NO.                                                        |                 | 8. RETUBINGS                    |              | 9. REBUSHINGS |                               |                    |                          |                                                                                  |                |
|                                                                             |                 |                                 |              |               |                               |                    |                          |                                                                                  |                |
| 10. Date                                                                    | Projectile Type | Zone or Charge                  | Rounds Fired | EFC RDS Fired | Cumulative RDS Fired          | Cumulative EFC RDS | Remaining Life (EFC RDS) | Remarks: Recoil Exercise (RE), Gauge or Velocity Reading, Safety Inspection (SI) | Signature      |
| (Previous DA Form 2408-4 final entries)                                     |                 |                                 |              |               |                               |                    |                          |                                                                                  |                |
| 25 JUN 88                                                                   | HEP-T M456      |                                 |              |               |                               |                    |                          | PERISCOPE M3221 TRAV L24                                                         | Blmnd fndd 526 |
| 25 JUN 88                                                                   | HEP-T M456      |                                 |              |               |                               |                    |                          | TELESCOPE M105D TRAV L2R                                                         | Blmnd fndd 526 |
| 28 JUN 88                                                                   | APDS-T M728     |                                 |              |               |                               |                    |                          | PERISCOPE M3221 TRAV L23                                                         |                |
| "BORESIGHT AND ZERO ONLY"                                                   |                 |                                 |              |               |                               |                    |                          |                                                                                  |                |
| CONTINUE ON REVERSE                                                         |                 |                                 |              |               |                               |                    |                          |                                                                                  |                |

DA FORM 2408-4

EDITION OF 1 DEC 77 WILL BE USED.

Figure 5-3. Sample of a completed DA Form 2408-4 (used for boresight and zero)

Legend for Figure 5-3:

Completion instructions for DA Form 2408-4 (used for boresight and zero)

(1) **Tube Serial Number.** Leave blank.

(2) **Cannon Type Model Or Series.** Leave blank.

(3) **Organization (UIC).** Enter the Unit Identification Code (UIC).

(4) **Special Life Data.** Leave blank.

(5) **End Item Identification.** Enter the weapon and item identification, type series and model.

(6) **RDS/EFC Computations.** Leave blank.

(7) **Cannon Serial Number.** Leave blank.

(8) **Retubings.** Leave blank.

(9) **Rebushings.** Leave blank.

(10) This block is divided into 10 columns, a through j.

(a) **Date.** Write the calendar date when the action occurred.

(b) **Projectile Type.** Enter the type of projectile and cartridge model.

(c) **Through (h).** Leave blank.

(i)Remarks. Enter boresight and zero information.

(1)Record all boresight and zero data for different type ammunition being fired.

(2)Change boresight and zero data whenever the gun tube, periscope, telescope, rangefinder, or computer are changed.

(j)Signature. The person doing the boresight and zeroing will sign here.

| WEAPON RECORD DATA                                                                    |           |                                           |                |               |                                 |                      |                    | REQUIREMENT CONTROL SYMBOL                                       |                                                                                  |
|---------------------------------------------------------------------------------------|-----------|-------------------------------------------|----------------|---------------|---------------------------------|----------------------|--------------------|------------------------------------------------------------------|----------------------------------------------------------------------------------|
| For use of this form, see DA PAMs 738-750 and 738-751; the procuring agency is DCSLOG |           |                                           |                |               |                                 |                      |                    | CSGLD 1051                                                       |                                                                                  |
| 1. TUBE SERIAL NO.                                                                    |           | 2. CANNON TYPE, MODEL OR SERIES           |                |               | 3. ORGANIZATION (UIC)           |                      |                    | 4. SPECIAL LIFE DATA                                             |                                                                                  |
|                                                                                       |           | GUN AUTOMATIC 25MM M242                   |                |               | BTRP12 Sgd 11 <sup>th</sup> ACR |                      |                    | Replace Breech<br>25000 RDS<br>Replace<br>Firing Pin<br>8000 RDS |                                                                                  |
| 5. END ITEM IDENTIFICATION                                                            |           |                                           |                |               | 6. RDS/EFC COMPUTATION          |                      |                    |                                                                  |                                                                                  |
| M3 CFV Serial Number 1246                                                             |           |                                           |                |               | All Rounds have a EFC<br>OF 1.0 |                      |                    |                                                                  |                                                                                  |
| 7. CANNON SERIAL NO.                                                                  |           |                                           | 8. RETUBINGS   | 9. REBUSHINGS |                                 |                      |                    |                                                                  |                                                                                  |
| Rec 768                                                                               |           |                                           | 0              | 0             |                                 |                      |                    |                                                                  |                                                                                  |
| 10.                                                                                   | Date      | Projectile Type                           | Zone or Charge | Rounds Fired  | EFC RDS Fired                   | Cumulative RDS Fired | Cumulative EFC RDS | Remaining Life (EFC RDS)                                         | Remarks: Recoil Exercise (RE), Gauge or Velocity Reading, Safety Inspection (SI) |
|                                                                                       | 10 Apr 88 | (Previous DA Form 2408-4 (final entries)) |                |               |                                 |                      |                    | 25000<br>8000                                                    |                                                                                  |
|                                                                                       | 11 Apr 88 | AP                                        |                | 550           |                                 |                      |                    | 24450                                                            |                                                                                  |
|                                                                                       | 15 May 88 | HE                                        |                | 950           |                                 | 550                  |                    | 7450                                                             |                                                                                  |
|                                                                                       | 12 Aug 88 | HE                                        |                | 2500          |                                 | 1500                 |                    | 23500                                                            |                                                                                  |
|                                                                                       | 5 Sep 88  | AP                                        |                | 4000          |                                 | 4000                 |                    | 6550                                                             |                                                                                  |
|                                                                                       |           |                                           |                |               |                                 | 8000                 |                    | 21000                                                            |                                                                                  |
|                                                                                       |           |                                           |                |               |                                 |                      |                    | 4000                                                             |                                                                                  |
|                                                                                       |           |                                           |                |               |                                 |                      |                    | 17000                                                            |                                                                                  |
|                                                                                       |           |                                           |                |               |                                 |                      |                    | -0-                                                              |                                                                                  |
|                                                                                       | 5 Sep     |                                           |                |               |                                 |                      |                    | 17000                                                            | 5 Sep New Firing Pin INSTALLED NEW FORM INITIATED                                |
|                                                                                       |           |                                           |                |               |                                 |                      |                    | 8000                                                             |                                                                                  |

CONTINUE ON REVERSE

DA FORM 2408-4  
1 JAN 78

EDITION OF 1 DEC 77 WILL BE USED.

Figure 5-4. Sample of a completed DA Form 2408-4 (25mm automatic gun)

Legend for Figure 5-4:

Completion instructions for DA Form 2408-4 (for 25mm Automatic Gun)

(1) Tube Serial No. No entry required.

(2) Cannon Type, Model Or Series. Enter Gun, 25mm, M242.

(3) Organization (UIC). Enter owning organization name and unit identification code.

(4) Special Life Data. Enter, replace breach at 25,000 rounds and replace firing pin every 8,000 rounds.

(5) End Item Identification. Enter the vehicle identification, Model and vehicle chassis serial number. Example: M3, CFV, serial number 1245.

(6) RDS/EFC Computation. Enter all rounds that have an EFC of 1.0.

(7) Cannon Serial No. Enter serial number of receiver.

(8) Retubing. Note this block is used for accountability of firing pins as replacement occurs. If the initial pin is in the gun, place a zero in this block. Upon first pin replacement the zero will be changed to a 1 and so on. When a pin is replaced a note will be placed in column 10i (remarks) to include date pin was changed and total rounds on weapon at the time of pin replacement. The remaining life column, 10h, lower portion, will have 8,000 placed in it at time of pin replacement to reflect the remaining life of the new pin.

(9) Rebushing. Note this block is used for accountability of breach as it is replaced. If the initial breach is in the gun, place a zero in this block. Upon first breach replacement the zero will be changed to a 1 and so on. When a breach is replaced a note will be placed in column 10i (remarks) to include date breach was changed and total rounds on the weapon at the time of replacement. The remaining life column,

10h, upper portion, will have 25,000 placed in it at the time of breach replacement to reflect remaining life of the new breach.

(10) This block is divided into columns a through j. The first line entry (on one side of the form only) will show information carried forward from the previous DA Form 2408-4.

(a) Date. Enter current date.

(b) Projectile Type. Enter type of round fired.

(c) Zone Or Charge. No entry required.

(d) Rounds Fired. Enter number of rounds fired.

(e) EFC RDS Fired. No entry required.

(f) Cumulative RDS Fired. Add the number of rounds fired (last entry 10d) to the last of this column.

(g) Cumulative EFC RDS. No entry required.

(h) Remaining Life. This block will be divided into two sections by drawing a horizontal line from side to side in the middle of the block. The upper portion will contain the rounds remaining for the breach and the lower portion will contain the rounds for the firing pin. Each time an entry is made in 10d, the same entry will be subtracted from the last entry for the breach and firing pin in 10h. This subtraction will yield the remaining life in rounds of each of the two parts. When a part is replaced, the remaining life block will show this by adding either 8,000 or 25,000 in the appropriate portion of this block.

(i) Remarks. This column will be used for replacement information as described in paragraphs 8 and 9.

(j) Signature. The unit commander signs in this column on the first and last entries. The unit commander's signature shows that the information on the previous form has been checked and found correct. Also, that all current and necessary information has been transcribed to a

new DA Form 2408-4. The person designated by the unit commander will sign the entries between the commander's two signatures.

# Disposition

a. When the DA Form 2408-4 is filled and after the information has been transcribed to a new DA Form 2408-4, destroy the old form.

b. When it is necessary to replace the entire weapon, forward the up-to-date DA Form 2408-4 with the unserviceable weapon.

| WEAPON RECORD DATA                                                                           |                                         |                                                 |                     |               |                                               |                    |                          | REQUIREMENT CONTROL SYMBOL<br>CS(112-103)                                      |                       |
|----------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------|---------------------|---------------|-----------------------------------------------|--------------------|--------------------------|--------------------------------------------------------------------------------|-----------------------|
| For use of this form, see DA PAMs 738-750 and 738-751, the procuring agency is OCSLOG        |                                         |                                                 |                     |               |                                               |                    |                          |                                                                                |                       |
| 1. TUBE SERIAL NO.<br>0314                                                                   |                                         | 2. CANNON TYPE, MODEL OR SERIES<br>CANNON, M168 |                     |               | 3. ORGANIZATION (UIC)<br>"A" BATTERY, 1/3 ADA |                    |                          | 4. SPECIAL LIFE DATA<br>144,000                                                |                       |
| 5. END ITEM IDENTIFICATION<br>GUN, ADA, SP, 20MM, M163A1<br>GUN, ADA, TOWED, 20MM, IV11 67A1 |                                         |                                                 |                     |               | 6. RDS/EFC COMPUTATION<br>N/A                 |                    |                          |                                                                                |                       |
| 7. CANNON SERIAL NO.<br>1,000,234                                                            |                                         |                                                 | 8. RETUBINGS<br>N/A |               | 9. REBUSHINGS<br>N/A                          |                    |                          |                                                                                |                       |
| 10. Date                                                                                     | Projectile Type                         | Zone or Charge                                  | Rounds Fired        | EFC RDS Fired | Cumulative RDS Fired                          | Cumulative EFC RDS | Remaining Life (EFC RDS) | Remarks: Recoil Ejector (RE), Gage or Velocity Reading, Safety Inspection (SI) | Signature             |
| 1 Feb 87                                                                                     | (Previous DA Form 2408-4 final entries) |                                                 |                     | 32,400        |                                               |                    | 11,550                   | Barrels gaged .030 (serviced 46/1)                                             | B. J. [Signature] SFC |
| 2 Feb 87                                                                                     |                                         |                                                 | 2,370               |               | 34,770                                        |                    | 107,108                  |                                                                                | R. J. [Signature] SSG |
| 3 Feb 87                                                                                     |                                         |                                                 | 1,240               |               | 36,010                                        |                    | 107,940                  | Rebuilt Breech Bolts (1)                                                       | W. M. [Signature] SFC |
| 5 Feb 87                                                                                     |                                         |                                                 | 1,460               |               | 37,470                                        |                    | 106,480                  | Barrels gaged at .030 (serviced 46/1)                                          | B. J. [Signature] SFC |
| CONTINUE ON REVERSE                                                                          |                                         |                                                 |                     |               |                                               |                    |                          |                                                                                |                       |

DA FORM 2408-4  
1 JAN 79

EDITION OF 1 DEC 77 WILL BE USED.

Figure 5-5. Sample of a completed DA Form 2408-4 (Air Defense Weapon System)

Legend for Figure 5-5:

Completion instructions for DA Form 2408-4 (Air Defense Weapon System)

(1) **Tube Serial No.** Enter the serial number of the end item listed in block 5. Pencil entry.

(2) **Cannon Type, Model Or Series.** Write Cannon, 20mm, M168.

(3) **Organization (UIC).** Enter the unit organization. Pencil entry.

(4) **Special Life Data.** Enter the life cycle of the cannon, for example, 144,000.

(5) **End Item Identification.** Enter end item nomenclature, i.e., Gun, ADA, SP, 20mm, M1 63A1 or Gun, ADA, Towed, 20mm, IV11 67A1.

(6) **Rds/EFC Computation.** Leave blank.

(7) **Cannon Serial No.** Enter the serial number from the data plate of the cannon.

(8) **Retubings.** Leave blank.

(9) **Rebushings.** Leave blank.

(10) **This block is divided into columns a through j.** The first line entry (on one side of the form only) will show information carried forward from the previous DA Form 2408-4.

(a) **Date.** Enter the current calendar date.

(b) and (c). Leave blank.

(d) **Rounds Fired.** Enter the total number of rounds fired/cycled on the calendar date in column a. Read from the rounds expended counter.

(e) **EFC RDS Fired.** Leave blank.

(f) **Cumulative RDS Fired.** Enter the total number of rounds fired by this cannon (from the rounds expended counter).

(g) **Cumulative EFC RDS.** Leave blank.

(h) **Remaining Life (EFC RDS).** Enter the number of rounds remaining in this cannon's life cycle before it is replaced.

(i) **Remarks.** Enter any components of the cannon that are checked, serviced, or replaced on a rounds fired/cycled basis only (i.e., Gauging the barrels, breech bolt rebuild, replaced of recoil adapters or barrels). Enter only components of the cannon.

(j) **Signature.** The person making the entries to include rank will sign in this column.

(1) Draw a line below columns a through j after each day's entries.

(2) Complete blocks 1 through 7, 10a, f, h, i and j when forwarding information to a new form.

| 1. NOMENCLATURE            |                         |           |     |                                                      | 2. REGISTRATION NUMBER       |          | 3. SERIAL NUMBER          |                                              |
|----------------------------|-------------------------|-----------|-----|------------------------------------------------------|------------------------------|----------|---------------------------|----------------------------------------------|
| Missile Test Set: AN/TSM-1 |                         |           |     |                                                      |                              |          | 30-1861                   |                                              |
| 4. MODIFICATIONS REQUIRED  |                         |           |     |                                                      | 5. MODIFICATIONS COMPLETED   |          |                           |                                              |
| MWO NUMBER                 | DATE OF MWO (Day/Mo/Yr) | PRI-ORITY | ECH | MWO TITLE AND KIT NUMBER(S)                          | DATE MWO APPLIED (Day/Mo/Yr) | MAN. HRS | ORGANIZATION APPLYING MWO | SIGNATURE (Certification of MWO Application) |
| Supd BY: 9-1220-221-40/5   | 1 DEC 77                | N         | D   | Chg To bookman                                       |                              |          | 7754P00                   | EA Haulty                                    |
| 9-1220-221-10/5            | 15 JAN 78               | N         | D   | 1.4 WITH L15<br>Replace<br>2.4 BOARDS                | 3 PETS                       | 3.5      | FTS/11 BK                 | INSPECTOR                                    |
| Supd BY: 9-1220-221-40/10  | 14 APR 78               | N         | H   | INDICATES MWO SUPERSEDED,<br>Poor Support            |                              |          | FTS/11 BK                 | WORK REQUIRED                                |
| 9-1220-221-50/8            | 14 APR 78               | N         | H   | ARM MODIFICATION                                     | 14 APR 78                    |          | FTS/11 BK                 | INSPECTOR                                    |
| 9-1220-300-40/10           | 1 OCT                   | N         | H   | ARM SUPPORT<br>MODIFICATION                          | PCW                          |          | 616 GSN                   | INSPECTOR                                    |
| Supd BY: 9-1220-221-40/6   |                         |           |     | INDICATES SUPERSEDED MWO<br>H200-40-10-10-10         |                              |          | FTS/11 BK                 | (PCW)                                        |
| 9-1220-221-40/6            | 2 AUG 78                | N         | F   | 2.3 TACK FILE                                        |                              |          |                           |                                              |
| 9-1220-221-40/6            | 15 AUG 78               | N         | H   | MWO PACKAGE<br>2.3 TACK FILE                         |                              |          |                           |                                              |
| 9-1220-221-10/6            | 4 MAY                   | N         | D   | INDICATES SUPERSEDED MWO<br>Regined Rubber<br>MOUNTS |                              |          |                           |                                              |
|                            |                         |           |     | FLS-34A41B AND<br>BVW-KITS H6531                     | 14 AUG 1.5                   |          | 193FA                     | 200. Colm 556                                |
|                            |                         |           |     | INDICATES Normal organizational TYPE MWO ENTRIES     |                              |          | FTS/11 BK                 | INSPECTOR MAJ J 1080                         |

DA FORM 2408-5, 1 JAN 64

GPO 1964 O-751-505

EQUIPMENT MODIFICATION RECORD

For use of this form, see DA PAMs 738-750 and 738-751, the proponent agency is DCS.OG

Figure 5-6. Sample of a completed DA Form 2408-5

Legend for Figure 5-6:

Completion instructions for DA Form 2408-5

(1) **Nomenclature.** Enter the noun abbreviation, type, model, and series.(2) **Registration Number.** Leave blank.(3) **Serial Number.** List the serial number.(4) **Modification Required.** The owning unit will list all required MWOs that apply to the missile system or item. Include all MWOs no matter what level of maintenance or who will apply the MWO.(a) **MWO Number.** Enter the complete MWO number.(b) **Date Of MWO.** Enter the published date of the MWO.(c) **Priority.** Enter N for Normal, U for Urgent or L for Limited Urgent. The MWO of the MWO listing tells you which applies to the specific MWO.(d) **Echelon.** Enter the code for the level of maintenance that will apply the MWO:

O—for unit

F—for direct support

H—for general support

D—for depot

(e) **MWO Title And Kit Number(s).** List the MWO title and, when it applies, the MWO kit number here.(5) **Modifications Completed.** The activity that applies the MWO usually completes this section.(f) **Date MWO Applied.** In pencil, print the calendar date the MWO is required to be completed. The published MWO gives you this date. When MWO is applied, erase the pencil date. Enter, in ink, the day, month, and year that the MWO was applied.(g) **Man-Hrs.** Enter the actual man-hours used to apply the MWO. Round to the nearest tenth of an hour.(h) **Organization Applying MWO.** Enter the organization applying the MWO.(i) **Signature.** The person, who confirms that the MWO was applied, signs and prints his rank.

|                                                                                                                                                     |  |                                                      |  |                                                  |  |                                     |  |                                       |  |                                          |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------|--|--------------------------------------------------|--|-------------------------------------|--|---------------------------------------|--|------------------------------------------|--|
| CONTROL NO.<br><b>611286</b>                                                                                                                        |  | 1. ORGANIZATION<br><b>DCSAR</b>                      |  | 2. LOCATION<br><b>LOS ANGELES, CA 90245</b>      |  | 3. UNIT IDENT CODE<br><b>W1WMAA</b> |  | 4. UTILIZATION CODE                   |  | 5. VEHICLE USE CODE                      |  |
| 6. NOMENCLATURE<br><b>IFV</b>                                                                                                                       |  | 7. MODEL<br><b>M2</b>                                |  | 8. NATIONAL STOCK NO.<br><b>2350-01-048-5920</b> |  | 9. SERIAL NO.<br><b>2AA00000</b>    |  | 10. REGISTRATION NO.<br><b>MV0000</b> |  | 11. WARRANTY PERIOD                      |  |
| 11. YEAR OF MFG<br><b>M81</b>                                                                                                                       |  | 12. MANUFACTURER (MFG Code)<br><b>FMC CORP 80212</b> |  | 13. CONTRACT NO.<br><b>DAAE07-80-C-9018</b>      |  | 14. PURCHASE ORDER NO.              |  | 15. SHIPPED TO<br>a. ORGANIZATION     |  | 16. RECEIVED FROM<br>a. ORGANIZATION     |  |
| 17. REPORT<br>a. REGISTRATION<br><b>ON PASSENGER CARRYING AND GENERAL PURPOSE VEHICLES USE THE COMPLETE FOUR CHARACTER YEAR I.E., 1981</b>          |  | 17. REPORT CODE<br><b>A</b>                          |  | 18. USAGE<br>a. HOURS                            |  | 19. SHIPPED TO<br>b. ORGANIZATION   |  | 20. RECEIVED FROM<br>b. ORGANIZATION  |  | 21. RECEIVED FROM UIC                    |  |
| 19. USAGE<br>b. MILES                                                                                                                               |  | 20. LOSS                                             |  | 21. GAIN                                         |  | 22. OTHER                           |  | 23. JULIAN DATE<br><b>0222</b>        |  | 24. REPORTS CONTROL SYMBOL<br>CSGLD 1600 |  |
| 25. REMARKS<br><b>"PERMANENT LOGBOOK COPY"</b>                                                                                                      |  |                                                      |  |                                                  |  |                                     |  |                                       |  |                                          |  |
| 26. INSPECTOR'S SIGNATURE<br><i>Sharon B. Dalket</i> (606) 293-3957                                                                                 |  |                                                      |  |                                                  |  |                                     |  |                                       |  |                                          |  |
| 27. EQUIPMENT CONTROL RECORD<br>For use of this form, see TM 38-750; the proponent agency is the Office of the Deputy Chief of Staff for Logistics. |  |                                                      |  |                                                  |  |                                     |  |                                       |  |                                          |  |
| DA FORM 2408-9<br>1 OCT 72                                                                                                                          |  |                                                      |  |                                                  |  |                                     |  |                                       |  |                                          |  |

Figure 5-7. Sample of a completed DA Form 2408-9 (Acceptance and registration)

Legend for Figure 5-7:

Completion instructions for DA Form 2408-9 (Acceptance and Registration Report)

**Control Number Block.** Will contain a six character control number.

(1) **Organization.** Enter the name of the activity or organization accepting the item into the Army inventory.

(2) **Location.** Enter the location and zip code of the activity in block 1.

(3) **Unit Identification Code.** You will enter the UIC of the activity in block 1. Will not be blank. Do not use the 6 position DODAAC.

(4) **Utilization Code.**

a. Will contain code V for passenger-carrying and general purpose vehicles (formerly called Admin-use vehicles).

b. Leave blank for other equipment.

(5) **Vehicle Use Code.**

a. For all non-tactical wheeled vehicles, as listed in appendix E, table E-4, you will enter the code that applies to the equipment's use in this block:

A-Army operated. Includes any Army-owned passenger carrying and general purpose vehicles listed in appendix E, table E-4, used or operated by Army personnel (GOGO).

B-Contractor operated. Includes any Army-owned passenger carrying and general purpose vehicles listed in appendix E, table E-4, that are furnished to contractors by the Department of the Army for contractor use (GOCO).

R-Facilities engineering vehicles. Includes special purpose (commercial) and military design vehicles used by installation real property management activities.

X-All other special purpose vehicles. Includes all other special purpose vehicles not covered by code R.

b. Leave blank for other equipment.

(6) **Nomenclature.** Enter the abbreviated noun. Will not exceed eight digits. You may use AR 700-138 to determine the correct abbreviation.

(7) **Model.**

a. For OTHER than passenger carrying and general purpose vehicle, enter the model of the item.

b. For passenger-carrying and general purpose vehicles, this block will contain the Line Item Number (LIN) for the item as listed in appendix E, table E-4, or SB 700-20.

c. For watercraft, enter the hull design number.

(8) **National Stock No.** Will contain the NSN of the item.

(9) **Serial No.**

a. You will enter the complete serial number of the item. Make sure you list ALL characters and numbers making up the serial number, to include any preprinted suffix or prefix.

b. For equipment with no serial number, use the preprinted control number on the form. The control number becomes the permanent serial number for the equipment on all forms and records.

c. For watercraft, enter the hull number.

d. For vehicle mounted weapon systems, like the M 11 3A2 TOW, etc. use the vehicle serial number.

(10) **Registration No.**

a. You will enter the registration number assigned to the item.

b. If the equipment is not under the Army Vehicle Registration Program, leave blank.

c. For watercraft, enter the registration number if one has been assigned. If not, use the hull number.

(11) **Year of Mfg**

a. For OTHER than passenger carrying and general purpose vehicles, you will enter the two-digit year the equipment was manufactured. Put the letter M before the two numbers. For example, for an item manufactured in 1990, enter M90.

b. For non-tactical passenger-carrying and general purpose vehicles, you will enter the four-digit model year: 1980, 1981, etc.

(12) **Manufacturer.** You will enter the name and five-digit code for the

manufacturer here. You will find the manufacturer's codes in the equipment manuals SB 708-41/42 and SI3 708-43.

**(13)Contract No.** Enter the contract number under which the item was bought. For passenger carrying and general purpose vehicles, this block will contain the procurement contract number, e.g., DAAE07-71 KK-C-005 or GS-OOS-05892.

**(14)Purchase Order No.** Leave blank.

**(15)Warranty Order No.** Enter the warranty period as stated in the contract.

**(16)Type Report.** Leave blank.

**(17)ReportCode.** Online "a", you will enter the code for the source of the item:

A-For equipment accepted from the manufacturer.

B-For items accepted from local procurement.

**(18)through (20).** Leave blank.

**(21)Remarks.**

a.Print "Permanent Logbook Copy" here.

b.For vehicles with radio mounts, identify the installation kit. This information is needed to identify the equipment for local use and when the equipment is transferred.

**(22)Inspector's Signature.** The person accepting the item into the Army Inventory signs and puts his or her telephone number here.

**(23)Julian Date.** You will enter the Julian date of acceptance.

|                                                                                                                                                                                                        |  |                                               |  |                                                  |  |                                          |  |                                                                                      |  |                            |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|--|--------------------------------------------------|--|------------------------------------------|--|--------------------------------------------------------------------------------------|--|----------------------------|--|
| <b>CONTROL NO.</b><br>611287                                                                                                                                                                           |  | <b>1. ORGANIZATION</b><br>B Co 4/6 Inf (Mech) |  | <b>2. LOCATION</b><br>APO NY 09111               |  | <b>3. UNIT IDENT CODE</b><br>WEZEB0      |  | <b>4. UTILIZATION CODE</b><br>0                                                      |  | <b>5. VEHICLE USE CODE</b> |  |
| <b>6. NOMENCLATURE</b><br>TRUCK UTILITY                                                                                                                                                                |  | <b>7. MODEL</b><br>M998                       |  | <b>8. NATIONAL STOCK NO.</b><br>2320-01-107-7155 |  | <b>9. SERIAL NO.</b><br>4199             |  | <b>10. REGISTRATION NO.</b><br>NG23A2                                                |  |                            |  |
| <b>11. YEAR OF MFG</b><br>M85                                                                                                                                                                          |  | <b>12. MANUFACTURER (MFG Code)</b>            |  | <b>13. CONTRACT NO.</b>                          |  | <b>14. PURCHASE ORDER NO.</b>            |  | <b>15. WARRANTY PERIOD</b>                                                           |  |                            |  |
| <b>16. TYPE REPORT</b>                                                                                                                                                                                 |  | <b>17. REPORT CODE</b>                        |  | <b>18. USAGE</b>                                 |  | <b>19. SHIPPED TO &amp; ORGANIZATION</b> |  | <b>20. SHIPPED TO UIC</b>                                                            |  |                            |  |
| <b>a. ACCEPTANCE AND REGISTRATION</b>                                                                                                                                                                  |  |                                               |  | <b>b. HOURS</b>                                  |  |                                          |  |                                                                                      |  |                            |  |
| <b>b. USAGE</b>                                                                                                                                                                                        |  |                                               |  | <b>c. MILES</b>                                  |  |                                          |  |                                                                                      |  |                            |  |
| <b>c. TRANSFER</b>                                                                                                                                                                                     |  |                                               |  | <b>d. ROUNDS</b>                                 |  |                                          |  |                                                                                      |  |                            |  |
| <b>d. LOSS</b>                                                                                                                                                                                         |  |                                               |  | <b>e. OTHER</b>                                  |  |                                          |  |                                                                                      |  |                            |  |
| <b>e. GAIN</b>                                                                                                                                                                                         |  |                                               |  |                                                  |  |                                          |  |                                                                                      |  |                            |  |
| <b>f. OTHER</b>                                                                                                                                                                                        |  |                                               |  |                                                  |  |                                          |  |                                                                                      |  |                            |  |
| <b>21. REMARKS</b>                                                                                                                                                                                     |  |                                               |  |                                                  |  |                                          |  |                                                                                      |  |                            |  |
| <div style="border: 1px solid black; padding: 5px; transform: rotate(-5deg); display: inline-block;"> DON'T FORGET THE "M" FOR MILES OR<br/>THE "K" FOR KILOMETERS WHEN YOU<br/>ENTER THE USAGE </div> |  |                                               |  |                                                  |  |                                          |  |                                                                                      |  |                            |  |
| <b>22. INSPECTOR'S SIGNATURE</b>                                                                                                                                                                       |  |                                               |  |                                                  |  |                                          |  | <b>23. JULIAN DATE</b><br>0305                                                       |  |                            |  |
| <b>EQUIPMENT CONTROL RECORD</b>                                                                                                                                                                        |  |                                               |  |                                                  |  |                                          |  |                                                                                      |  |                            |  |
| <small>For use of this form, see TM 38-750; the proponent agency is the Office of the Deputy Chief of Staff for Logistics.</small>                                                                     |  |                                               |  |                                                  |  |                                          |  |                                                                                      |  |                            |  |
| <b>DA FORM 2408-9</b>                                                                                                                                                                                  |  |                                               |  |                                                  |  |                                          |  | <b>REPLACES DA FORMS 2408-7, 1 JAN 64, AND 2408-8, 1 JAN 64, WHICH ARE OBSOLETE.</b> |  |                            |  |
|                                                                                                                                                                                                        |  |                                               |  |                                                  |  |                                          |  | <b>LOG BOOK COPY 3</b>                                                               |  |                            |  |

Figure 5-8. Sample of a completed DA Form 2408-9 (USAGE)

Legend for Figure 5-8:

*Completion instructions for DA Form 2408-9 (Usage Report)*

**Control Number.** Will contain a six character control number.

**(1) Organization.** Enter the name of the reporting unit (parent unit).

**(2)Location.** Enter the location and zip code or APO of the activity in block 1.

**(3)Unit Identification Code.** You will enter the UIC of the activity in block 1. Will not be blank. Do not use the 6 position DODAAC.

**(4)Utilization Code.**

a.Enter the code from table B-6 in appendix B that applies to the reporting unit and equipment.

b.Will contain code V for passenger-carrying and general purpose vehicles (formerly called Admin-use vehicles).

**(5)Vehicle Use Code.**

a.For all non-tactical wheeled vehicles, as listed in appendix E, table E-4, you will enter the code that applies to the equipment's use in this block:

A-Army operated. Includes any Army-owned passenger carrying and

general purpose vehicle listed in appendix E, table E-4, used or operated by Army personnel (GOGO).

B-Contractor Operated, includes any Army-owned passenger carrying and general purpose vehicles listed in appendix E, table E-4, that are furnished to contractors by the Department of the Army for contractor use (GOCO).

R-Facilities Engineering Vehicles.Includes special purpose (commercial) and military design vehicles used by installation real property management activities.

X-All other special purpose vehicles.Includes all other special purpose vehicles not covered by code R.

b.Leave blank for other equipment.

**(6)Nomenclature.** Enter the noun of the equipment.

**(7)Model.**

a.For OTHER than passenger carrying and general purpose vehicles, enter the model of the equipment.

b.For passenger-carrying and general purpose vehicles, this block will contain the Line Item Number (LIN)for the item as it is listed in appendix E, table E-4, or SB 700-20.

**(8)National Stock No.** Will contain the NSN of the item.

**(9)Serial No.**

a. You will enter the complete serial number of the item. Make sure you list ALL characters and numbers making up the serial number, to include any preprinted suffix or prefix.

b. For equipment with no serial number, use the preprinted control number on the Acceptance or Gain Report (DA Form 2408-9).

c. For watercraft, enter the hull number.

**(10)Registration No.**

a. You will enter the registration number assigned to the equipment.

b. For watercraft, enter the registration number if one has been assigned. If no registration number has been assigned, use the hull number.

**(11)Year of Mfg.**

a. For usage reports on passenger-carrying and general purpose vehicles, you will enter the four-digit model year, for example, 1990 or 1993.

b. For all other equipment, you will enter a three character position entry. This entry will contain the two-digit year that the equipment was manufactured. Put the letter M before the numbers. For an item manufactured in 1990, you would put M90 in this block.

**(12)Through (16).** Leave blank.

**(17)Report Code.**

a. For a periodic usage report, you will enter the letter C on line b.

b. For a special DA-directed usage report, you will enter the letter D on line b.

**(18)Usage.**

a. You will enter the total kilometers or miles in block 18b only, as applies to the equipment. Put the letter "M" before the number for

miles. Put the letter "K" before the number for kilometers. Make sure this block shows the total use over the lifetime of the equipment, up to and including the day you make out the form. You add the current meter reading to the total usage from previous meters. The DD Form 314 will give you total usage at the time the current meter was installed.

b. For equipment with no meter or an inoperative meter, you will enter the estimated miles in block 18b.

c. For overhauled equipment, you will enter the total usage in block 18b since overhauled.

**(19)and (20).** Leave blank.

**(21)Remarks.** For usage reports on watercraft, put usage data on all engines in this block: serial number, identifying application of the engine, location and usage since the last report went in. For example: Ser No. ID/APP Location Usage

671 RC3567—Main Engine—Port Outbd—525 Hrs

678253—Anch Engine—N /A—1 0 Hrs

671 RC6584—Main Engine—Port I nbd—250 Hrs

85C3A1 —Generator—Port—1 500 Hrs

**(22)Inspector's Signature.** Leave blank.

**(23)Julian Date.** You will enter the Julian date of the appropriate reporting date: 1 Feb, 1 Aug, 1 Oct, or 1 Nov. Notes: The maintenance officer is responsible for completing and distributing Usage Reports as of these dates:

As of 1 Oct for nontactical vehicles.

As of 1 Nov for tactical vehicles.

As of 1 Feb and 1 Aug for watercraft.

|                                                                               |  |                                                |  |                                                  |  |                                                                                                                            |  |                                                                                                                                                                                                          |  |                                |  |
|-------------------------------------------------------------------------------|--|------------------------------------------------|--|--------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------|--|
| CONTROL NO.<br><b>J718605</b>                                                 |  | 1. ORGANIZATION<br><b>RED RIVER ARMY DEPOT</b> |  | 2. LOCATION<br><b>TEXARKANA, TX 75507</b>        |  | 3. UNIT IDENT CODE<br><b>WMCAA</b>                                                                                         |  | 4. UTILIZATION CODE<br><b>5</b>                                                                                                                                                                          |  | 5. VEHICLE USE CODE            |  |
| 6. NOMENCLATURE<br><b>CARRIER PERSONNEL</b>                                   |  | 7. MODEL<br><b>M113A1</b>                      |  | 8. NATIONAL STOCK NO.<br><b>2350-00-968-6321</b> |  | 9. SERIAL NO.<br><b>C432</b>                                                                                               |  | 10. REGISTRATION NO.<br><b>12FT55</b>                                                                                                                                                                    |  |                                |  |
| 11. YEAR OF MFG<br><b>1H74</b>                                                |  | 12. MANUFACTURER (MFG Code)                    |  | 13. CONTRACT NO.                                 |  | 14. PURCHASE ORDER NO.                                                                                                     |  | 15. WARRANTY PERIOD                                                                                                                                                                                      |  |                                |  |
| 16. TYPE REPORT<br><b>a. ACCEPTANCE</b>                                       |  | 17. REPORT CODE                                |  | 18. USAGE<br><b>a. HOURS</b>                     |  | 19. IF THE OVERHAUL ALSO RESULTS IN AN NSN CHANGE, THE OVERHAUL MUST BE REFLECTED AGAINST THE OLD NSN AND NOT THE NEW ONE. |  | 20. SHIPPED TO UIC                                                                                                                                                                                       |  |                                |  |
| <b>b. USAGE</b>                                                               |  |                                                |  | <b>c. MILES</b>                                  |  |                                                                                                                            |  | <b>d. RECEIVED FROM</b>                                                                                                                                                                                  |  | <b>e. RECEIVED FROM UIC</b>    |  |
| <b>c. TRANSFER</b>                                                            |  |                                                |  | <b>d. MILES</b>                                  |  |                                                                                                                            |  | <b>f. ORGANIZATION</b>                                                                                                                                                                                   |  |                                |  |
| <b>d. LOSS</b>                                                                |  |                                                |  | <b>e. ROUNDS</b>                                 |  |                                                                                                                            |  | <b>g. THE OVERHAUL DATE AND PERFORMING ACTIVITY MUST BE IN BLOCK 21 OF THE ACCEPTANCE OR GAIN PERMANENT LOGBOOK COPY.</b>                                                                                |  |                                |  |
| <b>e. GAIN</b>                                                                |  |                                                |  | <b>f. OTHER</b>                                  |  |                                                                                                                            |  | <b>h. IF THE ODOMETER IS NOT RESET TO "0" MILES/KILOMETER (K OR M), AT THE TIME OF OVERHAUL, THE ODOMETER READING WILL BE RECORDED IN BLOCK 21 OF THE LOGBOOK COPY OF THE ACCEPTANCE OR GAIN REPORT.</b> |  |                                |  |
| <b>f. OTHER</b>                                                               |  |                                                |  |                                                  |  |                                                                                                                            |  |                                                                                                                                                                                                          |  |                                |  |
| 21. REMARKS                                                                   |  |                                                |  |                                                  |  |                                                                                                                            |  |                                                                                                                                                                                                          |  |                                |  |
| 22. INSPECTOR'S SIGNATURE                                                     |  |                                                |  |                                                  |  |                                                                                                                            |  |                                                                                                                                                                                                          |  | 23. JULIAN DATE<br><b>0129</b> |  |
| <b>EQUIPMENT CONTROL RECORD</b>                                               |  |                                                |  |                                                  |  |                                                                                                                            |  |                                                                                                                                                                                                          |  |                                |  |
| For use of this form, see DA Pam 738-750; the proponent agency is OCSLOG      |  |                                                |  |                                                  |  |                                                                                                                            |  |                                                                                                                                                                                                          |  |                                |  |
| REPLACES DA FORMS 2408-7, 1 JAN 64, AND 2408-9, 1 JAN 64, WHICH ARE OBSOLETE. |  |                                                |  |                                                  |  |                                                                                                                            |  |                                                                                                                                                                                                          |  |                                |  |
| DA FORM 2408-9 OCT 72                                                         |  |                                                |  |                                                  |  |                                                                                                                            |  |                                                                                                                                                                                                          |  |                                |  |
| NMP COPY 1                                                                    |  |                                                |  |                                                  |  |                                                                                                                            |  |                                                                                                                                                                                                          |  |                                |  |

Figure 5-9. Sample of a completed DA Form 2408-9 (Overhaul Report)

Legend for Figure 5-9:

Completion instructions for DA Form 2408-9 (Overhaul Report)

**Control Number Block.** Will contain a six character control number.

**(1)Organization.** Enter the name of the activity performing the overhaul.

**(2)Location.** Enter the location and zip code or APO of the activity in block 1.

**(3)Unit Identification Code.** You will enter the UIC of the activity in block 1. Will not be blank. Do not use the 6 position DODAAC.

**(4)Utilization Code.** You will enter the code from appendix B, table B-6, that applies to the reporting unit and equipment.

**(5)Vehicle Use Code.** Leave blank.

**(6)Nomenclature.** Enter the noun of the equipment.

**(7)Model.** Enter the model of the equipment.

**(8)National Stock No.** You will enter the NSN in this block.**(9)Serial No.**

a. You will enter the complete serial number of the item. Make sure you list ALL characters and numbers making up the serial number, to include any preprinted suffix or prefix.

b. If the item has no serial number, use the control number on the Acceptance or Gain report (DA Form 2408-9 or DA Form 2408-8).

c. For watercraft, enter the hull number.

**(10)Registration No.**

a. You will enter the registration number assigned to the equipment.

b. For watercraft, enter the registration number if one has been assigned. If no registration number has been assigned, use the hull number.

**(11)Year Of Mfg.** You will enter a four digit alpha/numeric entry. Enter the number of this overhaul action in this block. Put the letter "H" for overhaul and the two-digit year of the action after the number. For an item whose first overhaul is in 1993 put 1H93. If the first overhaul was in 1984 and this overhaul is in 1993 put 21-193.

**(12)through (16).** Leave blank.

**(17)Report Code.** You will enter the letter Von line f.

**(18)Usage.**

a. You will enter the cumulative usage reading on the equipment just prior to this overhaul action. Be sure to put the "K" for kilometers or the "M" for Miles in front of the usage reading.

b. If at the time of overhaul the odometer is NOT reset to "zero" miles/kilometers (K or M), the odometer reading will be recorded in block 21 of the log book copy of the Acceptance or Gain Report.

**(19)and (20).** Leave blank.

**(21)Remarks.** For equipment that is depot overhauled, the maintenance facility doing the action will write on the Permanent Logbook copy: "Overhauled on (month and year)" followed by the name of the facility. If equipment has a DA Form 2408-8, this information will be in block 17 of that form.

**(22)Inspector's Signature.** Leave blank.

**(23)Julian Date.** You will enter the Julian date of the report.

|                                                                                                                    |  |                                       |  |                                                  |  |                                             |  |                                             |  |                            |  |
|--------------------------------------------------------------------------------------------------------------------|--|---------------------------------------|--|--------------------------------------------------|--|---------------------------------------------|--|---------------------------------------------|--|----------------------------|--|
| <b>CONTROL NO.</b><br>611289                                                                                       |  | <b>1. ORGANIZATION</b><br>2/31 Inf Bn |  | <b>2. LOCATION</b><br>FT Ord, CA 93941           |  | <b>3. UNIT IDENT CODE</b><br>WALCAA         |  | <b>4. UTILIZATION CODE</b><br>0             |  | <b>5. VEHICLE USE CODE</b> |  |
| <b>6. NOMENCLATURE</b><br>TRK CGO 2 1/2T W/W                                                                       |  | <b>7. MODEL</b><br>M35A2              |  | <b>8. NATIONAL STOCK NO.</b><br>2320-00-077-1617 |  | <b>9. SERIAL NO.</b><br>53911954            |  | <b>10. REGISTRATION NO.</b><br>4H79371      |  |                            |  |
| <b>11. YEAR OF MFG</b>                                                                                             |  | <b>12. MANUFACTURER (MFG Code)</b>    |  | <b>13. CONTRACT NO.</b>                          |  | <b>14. PURCHASE ORDER NO.</b>               |  | <b>15. WARRANTY PERIOD</b>                  |  |                            |  |
| <b>16. TYPE REPORT</b>                                                                                             |  | <b>17. REPORT CODE</b>                |  | <b>18. USAGE</b>                                 |  | <b>19. SHIPPED TO &amp; ORGANIZATION</b>    |  | <b>20. SHIPPED TO UIC</b>                   |  |                            |  |
| <b>a. ACCEPTANCE AND REGISTRATION</b>                                                                              |  |                                       |  | <b>a. HOURS</b>                                  |  | <b>20. RECEIVED FROM &amp; ORGANIZATION</b> |  | <b>b. RECEIVED FROM UIC</b>                 |  |                            |  |
| <b>b. USAGE</b>                                                                                                    |  |                                       |  | <b>b. MILES</b>                                  |  |                                             |  |                                             |  |                            |  |
| <b>c. TRANSFER</b>                                                                                                 |  |                                       |  | <b>c. ROUNDS</b>                                 |  |                                             |  |                                             |  |                            |  |
| <b>d. LOSS</b>                                                                                                     |  |                                       |  |                                                  |  |                                             |  |                                             |  |                            |  |
| <b>e. GAIN</b>                                                                                                     |  | Q                                     |  |                                                  |  |                                             |  |                                             |  |                            |  |
| <b>f. OTHER</b>                                                                                                    |  |                                       |  |                                                  |  |                                             |  |                                             |  |                            |  |
| <b>21. REMARKS</b> VEHICLE OBTAINED FROM DRMO                                                                      |  |                                       |  |                                                  |  |                                             |  |                                             |  |                            |  |
| <b>"PERMANENT LOGBOOK COPY"</b>                                                                                    |  |                                       |  |                                                  |  |                                             |  |                                             |  |                            |  |
| <b>22. INSPECTOR'S SIGNATURE</b>                                                                                   |  |                                       |  |                                                  |  |                                             |  | <b>23. JULIAN DATE</b><br>0178              |  |                            |  |
| <b>EQUIPMENT CONTROL RECORD</b>                                                                                    |  |                                       |  |                                                  |  |                                             |  | <b>REPORTS CONTROL SYMBOL</b><br>CSGLD-1608 |  |                            |  |
| For use of this form, see TM 38-750; the proponent agency is the ONIcs of the Deputy Chief of Staff for Logistics. |  |                                       |  |                                                  |  |                                             |  |                                             |  |                            |  |
| REPLACES DA FORMS 2408-7, 1 JAN 64, AND 2408-8, 1 JAN 64, WHICH ARE OBSOLETE.                                      |  |                                       |  |                                                  |  |                                             |  |                                             |  |                            |  |
| DA FORM 2408-9 1 OCT 78 LOG BOOK COPY 3                                                                            |  |                                       |  |                                                  |  |                                             |  |                                             |  |                            |  |

Figure 5-10. Sample of a completed DA Form 2408-9 (GAIN)

*Completion instructions for DA Form 2408-9 (Gain Reports)*

**Control Number Block.** Will contain a six character control number.

**(1)Organization.** Enter the name of the reporting unit.

**(2)Location.** Enter the location and zip code of the activity in block 1.

**(3)Unit Identification Code.** You will enter the UIC of the activity in block 1. Will not be blank. Do not use the 6 position DODAAC.

**(4)Utilization Code.**

a. You will enter the code from table B-6 in appendix B that applies to the reporting unit and equipment.

b. You will enter code V for passenger-carrying and general purpose vehicles (formerly called Admin-use vehicles).

**(5)Vehicle Use Code.**

a. For all non-tactical wheeled vehicles, as listed in appendix E, table E-4, you will enter the code that applies to the equipment's use in this block:

A-Army Operated. Includes any Army-owned passenger carrying and general purpose vehicles listed in appendix E, table E-4, used or operated by Army personnel (GOGO).

B-Contractor Operator. Includes any Army-owned passenger carrying and general purpose vehicles listed in appendix E, table E-4, that are furnished to contractors by the Department of the Army for contractor use (GOCO).

R-Facilities Engineering Vehicles. Includes special purpose (commercial) and military design vehicles used by installation real property management activities.

X-All other special purpose vehicles. Includes all other special purpose vehicles not covered by code R.

b. Leave blank for other equipment.

**(6)Nomenclature.** Enter the noun of the equipment.

**(7)Model.**

a. Enter the model of the item.

b. For passenger-carrying and general purpose vehicles, you will enter the Line Item Number (LIN) for the item as it is listed in appendix E, table E-4, or SB 700-20.

c. For watercraft, enter the hull design number.

**(8)National Stock No.** You will put the NSN in this block.

**(9)Serial No.**

a. Enter the complete serial number of the item. Make sure you enter ALL characters and numbers that make up the serial number, to include any preprinted suffix or prefix.

b. If the item has no serial number, use the control number of the

Acceptance or Gain Report (DA Form 2408-9 or DA Form 2408-8).

c. For vehicle mounted weapon systems, like the M I 13A2 TOW, etc. use the vehicle serial number.

**(10)Registration No.**

a. You will enter the registration number of the equipment.

b. If no registration number has been assigned, leave the block blank.

c. For watercraft, enter the registration number, if one has been assigned. If it has no registration number, use the hull number.

**(11)Year Of Mfg.**

a. For Gain Reports on passenger-carrying and general purpose vehicles, enter the four-digit model year; for example, 1992.

b. For Gain Reports on other than passenger-carrying and general purpose vehicles, enter the two-digit year the equipment was manufactured. Put the letter "M" before the numbers. For example, this block would contain M78 for an item manufactured in 1978.

**(12)Through (16).** Leave blank.

**(17)Report Code.** You will enter the appropriate gain coded on line e.

**Gain codes are listed below:**

F-Gain of an item as a result of disassembly of an integrated set/assembly.

P-Combat Gain (recaptured or recovered).

Q-Reclaimed from Defense Reutilization and Marketing Office (DRMO) or cannibalization point.

R-Received from other (non-Army) Government departments, agencies or services.

S-Identification gain, redesignated NSN. See Figure 5-13.

T-Identification gain, integrated set assembly with new NSN; or a change of equipment serial number or registration.

U-Inventory adjustment gain (found on post). This code will also be used to report the gain of reportable items of equipment which have been added to appendix E by TWX or changes to this pamphlet and to report the gain of previously unknown or unreported assets.

**(18)Through (20).** Leave blank.

**(21)Remarks.** You will put the words "Permanent Logbook Copy" in this block. You will also enter the name of the organization from whom the item was obtained.

**(22)Inspector's Signature.** Leave blank.

**(23)Julian Date.** You will enter the Julian date the report was made out.

|                                                                                                                     |  |                                            |  |                                                  |  |                                     |  |                                       |  |                                               |  |
|---------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------|--|--------------------------------------------------|--|-------------------------------------|--|---------------------------------------|--|-----------------------------------------------|--|
| CONTROL NO.<br><b>611290</b>                                                                                        |  | 1. ORGANIZATION<br><b>2/163 AR SQ TRPF</b> |  | 2. LOCATION<br><b>BUTTE, MT 59701</b>            |  | 3. UNIT IDENT CODE<br><b>WQNSF0</b> |  | 4. UTILIZATION CODE<br><b>7</b>       |  | 5. VEHICLE USE CODE                           |  |
| 6. NOMENCLATURE<br><b>TANK COMBAT 105MM</b>                                                                         |  | 7. MODEL<br><b>M48A5</b>                   |  | 8. NATIONAL STOCK NO.<br><b>2350-01-059-1504</b> |  | 9. SERIAL NO.<br><b>A3691</b>       |  | 10. REGISTRATION NO.<br><b>JA01FQ</b> |  |                                               |  |
| 11. YEAR OF MFG                                                                                                     |  | 12. MANUFACTURER (MFG Code)                |  | 13. CONTRACT NO.                                 |  | 14. PURCHASE ORDER NO.              |  | 15. WARRANTY PERIOD                   |  |                                               |  |
| 16. TYPE REPORT                                                                                                     |  | 17. REPORT CODE                            |  | 18. USAGE                                        |  | 19. SHIPPED TO & ORGANIZATION       |  | 20. SHIPPED TO UIC                    |  |                                               |  |
| a. ACCEPTANCE AND REGISTRATION                                                                                      |  |                                            |  | a. HOURS                                         |  |                                     |  |                                       |  |                                               |  |
| b. USAGE                                                                                                            |  |                                            |  |                                                  |  |                                     |  |                                       |  |                                               |  |
| c. TRANSFER                                                                                                         |  |                                            |  | a. MILES                                         |  |                                     |  |                                       |  |                                               |  |
| d. LOSS                                                                                                             |  | <b>K</b>                                   |  |                                                  |  | 20. RECEIVED FROM & ORGANIZATION    |  | 21. RECEIVED FROM UIC                 |  |                                               |  |
| e. GAIN                                                                                                             |  |                                            |  | c. ROUNDS                                        |  |                                     |  |                                       |  |                                               |  |
| f. OTHER                                                                                                            |  |                                            |  |                                                  |  |                                     |  |                                       |  |                                               |  |
| 21. REMARKS                                                                                                         |  |                                            |  |                                                  |  |                                     |  |                                       |  |                                               |  |
| 22. INSPECTOR'S SIGNATURE                                                                                           |  |                                            |  |                                                  |  |                                     |  |                                       |  | 23. JULIAN DATE<br><b>0236</b>                |  |
| <b>EQUIPMENT CONTROL RECORD</b>                                                                                     |  |                                            |  |                                                  |  |                                     |  |                                       |  | <b>REPORTS CONTROL SYMBOL</b><br>CSGLD - 1608 |  |
| For use of this form, see TM 38-750; the proponent agency is the Office of the Deputy Chief of Staff for Logistics. |  |                                            |  |                                                  |  |                                     |  |                                       |  |                                               |  |
| <b>DA FORM 2408-9</b> REPLACES DA FORMS 2408-7, 1 JAN 64, AND 2408-8, 1 JAN 64, WHICH ARE OBSOLETE. LOG BOOK COPY 3 |  |                                            |  |                                                  |  |                                     |  |                                       |  |                                               |  |

Figure 5-11. Sample of a completed DA Form 2408-9 (loss reports)

Legend for Figure 5-11:

Completion instructions for DA Form 2408-9 (Loss Reports)

**Control Number Block.** Will contain a six character control number.**(1) Organization.** Enter the name of the reporting unit.**(2) Location.** Enter the location and zip code of the activity in block 1.**(3) Unit Identification Code.** You will enter the UIC of the activity in block 1. Will not be blank. Do not use the 6 position DODAAC.**(4) Utilization Code.**

a. You will enter the code from table B-6 in appendix B that applies to the reporting unit and equipment.

b. You will enter code V for passenger-carrying and general purpose vehicles (formerly called Admin-use vehicles).

**(5) Vehicle Use Code.**

a. For all non-tactical wheeled vehicles, as listed in appendix E, table E-4, you will enter the code that applies to the equipment's use in this block:

A-Army Operated. Includes any Army-owned passenger carrying and general purpose vehicles listed in appendix E, table E-4, used or operated by Army personnel (GOGO).

B-Contractor Operator. Includes any Army-owned passenger carrying and general purpose vehicles listed in appendix E, table E-4, that are furnished to contractors by the Department of the Army for contractor use (GOCO).

R-Facilities Engineering Vehicles. Includes special purpose (commercial) and military design vehicles used by installation real property management activities.

X-All other special purpose vehicles. Includes all other special purpose vehicles not covered by code R.

b. Leave blank for other equipment.

**(6) Nomenclature.** Enter the noun of the equipment.**(7) Model.** a. Enter the model of the item.

b. For passenger-carrying and general purpose vehicles, this block will contain the Line Item Number (LIN) for the item as it is listed in appendix E, table E-4, or SB 700-20.

c. For watercraft, enter the hull design number.

**(8) National Stock No.** You will enter the NSN in this block.**(9) Serial No.**

a. You will enter the complete serial number of the item. Make sure you enter ALL characters and numbers that make up the serial number, to include any preprinted suffix or prefix.

b. If the item has no serial number, use the control number of the Acceptance or Gain Report (DA Form 2408-9 or DA Form 2408-8).

c. For vehicle mounted weapon systems, like the M1 13A2 TOW, etc. use the vehicle serial number.

**(10) Registration No.**

a. You will enter the registration number of the equipment.

b. If no registration number has been assigned, leave the block blank.

c. For watercraft, enter the registration number, if one has been assigned. If it has no registration number, use the hull number.

**(11) Year of Mfg.** Leave blank.**(12) through (16).** Leave blank.**(17) Report Code.** You will enter the applicable loss code on line

d. Loss codes are listed below:

E-Loss due to disassembly of a reportable integrated set/assembly.

I-Combat loss (abandoned, captured, destroyed).

J-Turned into Defense Reutilization and Marketing Office (DRMO) or cannibalization point.

K-Shipped to other (non-Army) government departments, agencies, services, MAP, Foreign Military Sales.

L-Physical loss other than combat (pilferage, theft, etc.)

M-Identification loss, NSN Redesignation. See Figure 5-13.

N-Identification loss, integrated into a set assembly or system; or change of equipment serial number or registration number.

**(18) through (22).** Leave blank.**(23) Julian Date.** You will enter the Julian date the report was made out.

|                                                                                                                     |  |                                                  |  |                                                  |  |                                        |  |                                         |  |                                             |  |
|---------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------|--|--------------------------------------------------|--|----------------------------------------|--|-----------------------------------------|--|---------------------------------------------|--|
| CONTROL NO.<br><b>611291</b>                                                                                        |  | 1. ORGANIZATION<br><b>LETTERKENNY ARMY DEPOT</b> |  | 2. LOCATION<br><b>CHAMBERSBURG, PA 17201</b>     |  | 3. UNIT IDENT CODE<br><b>W0L6AA</b>    |  | 4. UTILIZATION CODE<br><b>5</b>         |  | 5. VEHICLE USE CODE                         |  |
| 6. NOMENCLATURE<br><b>HOWITZER 155MM</b>                                                                            |  | 7. MODEL<br><b>M109A3</b>                        |  | 8. NATIONAL STOCK NO.<br><b>2350-01-031-8851</b> |  | 9. SERIAL NO.<br><b>1946</b>           |  | 10. REGISTRATION NO.<br><b>12A36266</b> |  |                                             |  |
| 11. YEAR OF MFG                                                                                                     |  | 12. MANUFACTURER (MFG Code)                      |  | 13. CONTRACT NO.                                 |  | 14. PURCHASE ORDER NO.                 |  | 15. WARRANTY PERIOD                     |  |                                             |  |
| 16. TYPE REPORT                                                                                                     |  | 17. REPORT CODE                                  |  | 18. USAGE                                        |  | 19. SHIPPED TO & ORGANIZATION          |  | 20. SHIPPED TO UIC                      |  |                                             |  |
| a. ACCEPTANCE AND REGISTRATION                                                                                      |  |                                                  |  | a. HOURS                                         |  | 2/278 AR CAV SQ<br>KINGSPORT, TN 47160 |  | WVEAAA                                  |  |                                             |  |
| b. USAGE                                                                                                            |  |                                                  |  | b. MILES                                         |  |                                        |  |                                         |  |                                             |  |
| c. TRANSFER                                                                                                         |  | 1                                                |  | c. ROUNDS                                        |  | 20. RECEIVED FROM & ORGANIZATION       |  | 21. RECEIVED FROM UIC                   |  |                                             |  |
| d. LOSS                                                                                                             |  |                                                  |  |                                                  |  |                                        |  |                                         |  |                                             |  |
| e. GAIN                                                                                                             |  |                                                  |  |                                                  |  |                                        |  |                                         |  |                                             |  |
| f. OTHER                                                                                                            |  |                                                  |  |                                                  |  |                                        |  |                                         |  |                                             |  |
| 21. REMARKS                                                                                                         |  |                                                  |  |                                                  |  |                                        |  |                                         |  |                                             |  |
| 22. INSPECTOR'S SIGNATURE                                                                                           |  |                                                  |  |                                                  |  |                                        |  |                                         |  | 23. JULIAN DATE<br><b>0167</b>              |  |
| <b>EQUIPMENT CONTROL RECORD</b>                                                                                     |  |                                                  |  |                                                  |  |                                        |  |                                         |  | <b>REPORTS CONTROL SYMBOL</b><br>CSGLD-1808 |  |
| For use of this form, see TM 38-750; the proponent agency is the Office of the Deputy Chief of Staff for Logistics. |  |                                                  |  |                                                  |  |                                        |  |                                         |  |                                             |  |

DA FORM 2408-9  
1 OCT 78

REPLACES DA FORMS 2408-7, 1 JAN 64, AND 2408-8, 1 JAN 64, WHICH ARE OBSOLETE.

LOG BOOK COPY 3

Figure 5-12. Sample of a completed DA Form 2408-9(Transfer)

Legend for Figure 5-12:

Completion instructions for DA Form 2408-9 (Transfer Reports)

**Control Number Block.** Will contain a six character control number.

(1) **Organization.** Enter the name of the reporting unit.

(2) **Location.** Enter the location and zip code of the activity in block 1.

(3) **Unit Identification Code.** You will enter the UIC of the activity in block 1. Will not be blank, do not use the 6 position DODAAC.

(4) **Utilization Code.**

a. You will enter the code from table B-6 in appendix B that applies to the reporting unit and equipment.

b. You will enter code V for passenger-carrying and general purpose vehicles (formerly called Admin-use vehicles).

(5) **Vehicle Use Code.**

a. For all non-tactical wheeled vehicles, as listed in appendix E, table E-4, you will enter the code that applies to the equipment's use in this block:

A—Army Operated. Includes any Army-owned passenger carrying and general purpose vehicles listed in appendix E, table E-4, used or operated by Army personnel (GOGO).

B—Contractor Operator. Includes any Army-owned passenger carrying and general purpose vehicles listed in appendix E, table E-4, that are furnished to contractors by the Department of the Army for contractor use (GOCO).

R—Facilities Engineering Vehicles. Includes special purpose (commercial) and military design vehicles used by installation real property management activities.

X—All other special purpose vehicles. Includes all other special purpose vehicles not covered by code R.

b. Leave blank for other equipment.

(6) **Nomenclature.** Enter the noun of the equipment.

(7) **Model.**

a. Enter the model of the item.

b. For passenger-carrying and general purpose vehicles, this block will contain the Line Item Number (LIN) for the item as it is listed in appendix E, table E-4, or SB 700-20.

c. For watercraft, enter the hull design number.

(8) **National Stock No.** Will contain the NSN in this block.

(9) **Serial No.**

a. You will enter the complete serial number of the item. Make sure you enter ALL characters and numbers that make up the serial number, to include any preprinted suffix or prefix.

b. If the item has no serial number, you will use the control number of the Acceptance or Gain Report (DA Form 2408-9 or DA Form 2408-8).

c. For vehicle mounted weapon systems, like the M1 13A2 TOW, etc., use the vehicle serial number.

(10) **Registration No.**

a. You will enter the registration number of the equipment.

b. If no registration number has been assigned, leave the block blank.

c. For watercraft, enter the registration number, if one has been assigned. If it has no registration number, use the hull number.

(11) **Through (16).** Leave blank.

(17) **Report Code.** You will enter the applicable report code online c. Report codes are listed below:

1—Shipped to another property account.

2—Received from another property account.

(18) **Usage.** Leave blank.

(19) **Shipped To.** If report code "1" is in block 17c, enter the name, location and UIC of the organization that you are sending the item to.

(20) **Received From.** If report code "2" is in block 17c, enter the name, location, and UIC of the organization that sent you the item. Note: When a transfer code ("1" or "2") appears on line c, block 17, there will be a UIC (not a DODAAC) in either block 19b or 20b, but not both.

(21) **Remarks.** Leave blank.

(22) **Inspector's Signature.** Leave blank.

(23) **Julian Date.** You will enter the Julian date of the report.

|                                                                                                                                                 |  |                                           |  |                                           |  |                                      |  |                                        |  |                     |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------|--|-------------------------------------------|--|--------------------------------------|--|----------------------------------------|--|---------------------|--|
| 608318                                                                                                                                          |  | 1. ORGANIZATION<br>Letterkenny Army Depot |  | 2. LOCATION<br>Chambersburg, PA 17801     |  | 3. UNIT IDENT CODE<br>W016AA         |  | 4. UTILIZATION CODE<br>5               |  | 5. VEHICLE USE CODE |  |
| 6. NOMENCLATURE<br>Howitzer 155MM                                                                                                               |  | 7. MODEL<br>M109A3                        |  | 8. NATIONAL STOCK NO.<br>2350-01-031-8851 |  | 9. SERIAL NO.<br>1818                |  | 10. REGISTRATION NO.<br>12A23466       |  |                     |  |
| 11. YEAR OF MFG<br>M67                                                                                                                          |  | 12. MANUFACTURER (MFO Code)               |  | 13. CONTRACT NO.                          |  | 14. PURCHASE ORDER NO.               |  | 15. WARRANTY PERIOD                    |  |                     |  |
| 16. TYPE REPORT                                                                                                                                 |  | 17. REPORT CODE                           |  | 18. USAGE                                 |  | 19. SHIPPED TO<br>a. ORGANIZATION    |  | b. SHIPPED TO UIC                      |  |                     |  |
| a. ACCEPTANCE AND REGISTRATION                                                                                                                  |  |                                           |  | a. HOURS                                  |  |                                      |  |                                        |  |                     |  |
| b. USAGE                                                                                                                                        |  |                                           |  |                                           |  |                                      |  |                                        |  |                     |  |
| c. TRANSFER                                                                                                                                     |  |                                           |  | b. MILES                                  |  | 20. RECEIVED FROM<br>a. ORGANIZATION |  | b. RECEIVED FROM UIC                   |  |                     |  |
| d. LOSS                                                                                                                                         |  |                                           |  |                                           |  |                                      |  |                                        |  |                     |  |
| e. GAIN                                                                                                                                         |  | S                                         |  | c. ROUNDS                                 |  |                                      |  |                                        |  |                     |  |
| f. OTHER                                                                                                                                        |  |                                           |  |                                           |  |                                      |  |                                        |  |                     |  |
| 21. REMARKS<br>THIS EQUIPMENT WAS REDESIGNATED FROM<br>NSN 2350-00-485-9662, MODEL M109A1 (M)                                                   |  |                                           |  |                                           |  |                                      |  |                                        |  |                     |  |
| "PERMANENT LOGBOOK COPY"                                                                                                                        |  |                                           |  |                                           |  |                                      |  |                                        |  |                     |  |
| 22. INSPECTOR'S SIGNATURE                                                                                                                       |  |                                           |  |                                           |  |                                      |  | 23. JULIAN DATE<br>0235                |  |                     |  |
| EQUIPMENT CONTROL RECORD<br>For use of this form, see TM 38-750; the proponent agency is the Office of the Deputy Chief of Staff for Logistics. |  |                                           |  |                                           |  |                                      |  | REPORTS CONTROL SYMBOL<br>CSGLD - 1608 |  |                     |  |

DA FORM 2408-9 1 OCT 73 REPLACES DA FORMS 2408-7, 1 JAN 64, AND 2408-8, 1 JAN 64, WHICH ARE OBSOLETE. LOGBOOK COPY 3

Figure 5-13. Sample of a completed DA Form 2408-9 (NSN change)

Legend for Figure 5-13:

Completion instructions for DA Form 2408-9 (Redesignation Reports (NSN Change))

**Control Number Block.** Will contain a six character control number.

(1) **Organization.** Enter the name of the reporting unit.

(2) **Location.** Enter the location and zip code of the activity in block 1.

(3) **Unit Identification Code.** You will enter the UIC of the activity in block 1. Will not be blank. Do not use the 6 position DODAAC.

(4) **Utilization Code.**

a. You will enter the code from table B-6 in appendix B that applies to the reporting unit and equipment.

b. You will enter code V for passenger-carrying and general purpose vehicles (formerly called Admin-use vehicles).

(5) **Vehicle Use Code.**

a. For all non-tactical wheeled vehicles, as listed in Appendix E, table E-4, you will enter the code that applies to the equipment's use in this block:

A—Army Operated. Includes any Army-owned passenger carrying and general purpose vehicle listed in appendix E, table E-4, used or operated by Army personnel (GOGO).

B—Contractor Operator. Includes any Army-owned passenger carrying and general purpose vehicles listed in appendix E, table E-4, that are furnished to contractors by the Department of the Army for contract use (GOCO).

R—Facilities Engineering Vehicles. Includes special purpose (commercial) and military design vehicles used by installation real property management activities.

X—All other special purpose vehicles. Includes all other special purpose vehicles not covered by code R.

b. Leave blank for other equipment.

(6) **Nomenclature.** Enter the noun of the equipment.

(7) **Model.**

a. Enter the model of the item.

b. For passenger-carrying and general purpose vehicles, this block will contain the Line Item Number (LIN) for the item as it is listed in appendix E, table E-4, or SB 700-20.

c. For watercraft, enter the hull design number.

(8) **National Stock No.** When maintenance action, MWO, etc. changes the NSN of an item, the new NSN will go in this block. The old NSN will be entered in block 21.

(9) **Serial No.**

a. You will enter the complete serial number of the item. Make sure you enter ALL characters and numbers that make up the serial number, to include any preprinted suffix or prefix.

b. If the item has no serial number, use the control number of the Acceptance or Gain Report (DA Form 2408-9 or DA Form 2408-8).

c. For vehicle mounted weapon systems, like the M 1 13A2 TOW, etc., use the vehicle serial number.

(10) **Registration No.**

a. You will enter the registration number of the equipment.

b. If no registration number has been assigned, leave the block blank.

c. For watercraft, enter the registration number, if one has been assigned. If it has no registration number, use the hull number.

(11) **Year Of Mfg.** Enter the two-digit year the equipment was manufactured. Make sure you do not use a rebuild or overhaul date.

(12) through (16). Leave blank.

(17) **Report Code.**

a. You will enter report Code "S" to report an identification gain, redesignated NSN. In block 21, you will enter the old NSN.

b. If a redesignation report results in a serial number or registration change, you are required to put in a loss and gain report. Send in a Code "N" Loss for the old serial number/ registration number and a Code "T" Gain for the new serial number/ registration number. (See figures 5-10 and 5-11.)

(18) through (20). Leave blank.

(21) **Remarks.** For an NSN Redesignation Report, when only the NSN has changed, you will put the old NSN in this block. Immediately

following the NSN, you will enter a circled "M". (This circled "M" is for

data reduction instruction purposes). Enter "Permanent Logbook Copy" on the logbook copy.

(22) **Inspector's Signature.** Leave blank.

(23) **Julian Date.** You will enter the Julian date of the report.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                      |  |                                                      |  |                                     |  |                                              |  |                              |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------|--|------------------------------------------------------|--|-------------------------------------|--|----------------------------------------------|--|------------------------------|--|
| <b>CONTROL NO.</b><br>611292                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | <b>1. ORGANIZATION</b><br>12th FWD SPT BN                                            |  | <b>2. LOCATION</b><br>FT CARSON, CO 80913            |  | <b>3. UNIT IDENT CODE</b><br>WKR3AA |  | <b>4. UTILIZATION CODE</b><br>0              |  | <b>5. VEHICLE USE CODE</b>   |  |
| <b>6. NOMENCLATURE</b><br>TANK COMBAT                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | <b>7. MODEL</b><br>M6BA1                                                             |  | <b>8. NATIONAL STOCK NO.</b><br>2350-00-756-8497     |  | <b>9. SERIAL NO.</b><br>3131        |  | <b>10. REGISTRATION NO.</b><br>983584        |  |                              |  |
| <b>11. YEAR OF MFG</b><br>M85                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | <b>12. MANUFACTURER (MFG Code)</b>                                                   |  | <b>13. CONTRACT NO.</b>                              |  | <b>14. PURCHASE ORDER NO.</b>       |  | <b>15. WARRANTY PERIOD</b>                   |  |                              |  |
| <b>16. TYPE REPORT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | <b>17. REPORT CODE</b>                                                               |  | <b>18. USAGE</b>                                     |  | <b>19. MILES</b>                    |  | <b>20. RECEIVED FROM</b>                     |  | <b>21. RECEIVED FROM UIC</b> |  |
| <b>A. ACCEPTANCE AND REGISTRATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                                      |  | <b>THE ORGANIZATION PERFORMING THE REPAIR ACTION</b> |  |                                     |  | <b>22. RECEIVED FROM</b>                     |  | <b>23. RECEIVED FROM UIC</b> |  |
| <b>B. USAGE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                      |  |                                                      |  | <b>M4173</b>                        |  |                                              |  |                              |  |
| <b>C. TRANSFER</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                      |  |                                                      |  | <b>T. ROUNDS</b>                    |  |                                              |  |                              |  |
| <b>D. LOSS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                      |  |                                                      |  |                                     |  |                                              |  |                              |  |
| <b>E. GAIN</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                      |  |                                                      |  |                                     |  |                                              |  |                              |  |
| <b>F. OTHER</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                      |  |                                                      |  |                                     |  |                                              |  |                              |  |
| <b>21. REMARKS</b><br><div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>"M" IS THE CODE TO DESIGNATE REPAIR ACTION UNDER THE REPAIR PROGRAM FOR SELECTED COMBAT AND TACTICAL VEHICLES</b> </div> <div style="float: right; text-align: right;"> <b>CONUS Tactical Wheeled Vehicle Repair</b><br/><br/> <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>DATE REPAIR ACTION COMPLETED</b> </div><br/> <b>0193</b> </div> |  |                                                                                      |  |                                                      |  |                                     |  |                                              |  |                              |  |
| <b>22. INSPECTOR'S SIGNATURE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                      |  |                                                      |  |                                     |  |                                              |  |                              |  |
| <b>EQUIPMENT CONTROL RECORD</b><br><small>For use of this form, see TM 38-750; the proponent agency is the Office of the Deputy Chief of Staff for Logistics.</small>                                                                                                                                                                                                                                                                                                              |  |                                                                                      |  |                                                      |  |                                     |  |                                              |  |                              |  |
| <b>DA FORM 2408-9</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | <b>REPLACES DA FORMS 2408-7, 1 JAN 64, AND 2408-8, 1 JAN 64, WHICH ARE OBSOLETE.</b> |  |                                                      |  |                                     |  | <b>REPORTS CONTROL SYMBOL</b><br>CSGOLD 1608 |  |                              |  |
| <b>OCT 72</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                      |  |                                                      |  |                                     |  | <b>LOGBOOK COPY 3</b>                        |  |                              |  |

Figure 5-14. Sample of a completed DA Form 2408-9(Repair)

Legend for Figure 5-14:

Completion instructions for DA Form 2408-9 (Repair Action)

**Control Number Block.** Will contain a six character control number.

(1) **Organization.** Enter name of the organization performing the repair.

(2) **Location.** Enter the location and the zip code or APO of the activity in block 1.

(3) **Unit Identification Code.** You will enter the UIC of the organization in block 1. Will not be blank. Do not use the 6 position DODAAC.

(4) **Utilization Code.** You will enter the code from table B-6 in Appendix B that applies to the reporting unit and equipment.

(5) **Vehicle Use Code.** Leave blank.

(6) **Nomenclature.** Enter the noun description of the equipment.

(7) **Model.** Enter the model of the equipment.

(8) **National Stock Number.** You will enter the NSN of the item.

(9) **Serial Number.**

a. You will enter the complete serial number of the item. Make sure you list ALL the letters and numbers making up the serial number, to include any preprinted suffix or prefix.

b. If the item has no serial number, use the control number on the Acceptance or Gain report (DA Form 2408-9 or DA Form 2408-8).

(10) **Registration Number.** You will enter the registration number assigned to the equipment.

(11) **Year of Mfr.** You will enter a three character alpha/numeric entry. This entry consists of the two-digit year equipment was manufactured. Put the letter "M" before the numbers. For an item manufactured in 1990, you would put M90 in block 11.

(12) through (16). Leave blank.

(17) **Report Code.** You will enter the code "W" in block 17 to indicate repair.

(18) **Usage.**

a. You will enter the total miles or kilometers only, as applies to the equipment. Put the letter "M" before the number for miles. Put the letter "K" before the number of kilometers. Make sure this block shows the total use over the lifetime of the equipment, up to and including the day you make out the form. You add the current meter reading to the total usage from previous meters. The DD Form 314 will give you total usage at the time the current meter was installed.

b. For overhauled equipment, you will enter the total usage since overhaul. For equipment with no odometer, put 0 in this block.

(19) and (20). Leave blank.

(21) **Remarks.** Enter the type of repair program, i.e., CONUS tactical wheeled vehicle repair, or GSRP.

(22) **Inspector's Signature.** Leave blank.

(23) **Julian Date.** You will enter the Julian date the repair action was completed.

| 1. ITEM                                              |           |              |                  | 2. SAMPLE FREQUENCY           | 3. COMPONENT                                    |                     |                    |
|------------------------------------------------------|-----------|--------------|------------------|-------------------------------|-------------------------------------------------|---------------------|--------------------|
| a. NOMENCLATURE AND TYPE<br><b>CARRIER PERSONNEL</b> |           |              |                  | 25<br>HOURS<br><br>60<br>DAYS | a. NOMENCLATURE AND TYPE<br><b>ENGINE 6V53</b>  |                     |                    |
| b. MODEL<br><b>M113A1</b>                            |           |              |                  |                               | b. SERIAL NUMBER<br><b>A9291</b>                |                     |                    |
| c. PART NUMBER<br><b>BKS713056</b>                   |           |              |                  |                               | c. TIME SINCE NEW OR OVERHAUL<br><b>0</b>       |                     |                    |
| 4. DATE SAMPLE<br>SUBMITTED                          | 5. HOURS  |              |                  | 6. REASON FOR<br>SAMPLE       | 7. RESULTS                                      | 8. RESULTS RECEIVED |                    |
|                                                      | a. ENGINE | b. COMPONENT | c. LAST OIL CHG. |                               |                                                 | 9. DATE             | 10. SIGNATURE/PIID |
| 4 JAN 92                                             | 120       | 120          | 0                | ROUTINE                       | NORMAL                                          | 9 Jan 92            | J. Miller          |
| 18 JAN 92                                            | 145       | 145          | 25               | ROUTINE                       | NORMAL                                          | 23 Jan 92           | J. Miller          |
| 1 MAR 92                                             | 170       | 170          | 50               | ROUTINE                       | NORMAL                                          | 4 Mar 92            | J. Miller          |
| 3 APR 92                                             | 195       | 195          | 75               | ROUTINE                       | RESAMPLE R&D                                    | 3 Apr 92            | J. Miller          |
| 4 APR 92                                             | 195       | 195          | 75               | SPECIAL                       | CHANGE OIL (MIL-S-1555) RESAMPLE AFTER S&RS OVR | 6 Apr 92            | J. Miller          |
| 6 APR 92                                             | 200       | 200          | 5                | SPECIAL                       | NORMAL                                          | 9 Apr 92            | R. Peters          |
| 8 MAY 92                                             | 225       | 225          | 30               | ROUTINE                       | NORMAL                                          | 12 May 92           | J. Miller          |
| 17 MAY 92                                            | 245       | 245          | 50               | SPECIAL                       | CHANGE OIL (MIL-S-1555) RESAMPLE AFTER S&RS OVR | 18 May 92           | R. Peters          |
| 18 MAY 92                                            | 250       | 250          | 5                | SPECIAL                       | NORMAL                                          | 20 May 92           | J. Miller          |
|                                                      |           |              |                  |                               |                                                 |                     |                    |
|                                                      |           |              |                  |                               |                                                 |                     |                    |
|                                                      |           |              |                  |                               |                                                 |                     |                    |

DA FORM 2408-20, DEC 91  
EDITION OF MAY 81 IS OBSOLETE

### OIL ANALYSIS LOG

For use of this form, see DA PAMs 738-750 and 738-751; the proponent agency is DCSLOG.

Figure 5-15. Sample of a completed DA Form 2408-20

<sup>1</sup>U.S. Government Printing Office: 1992 — 311-830-50189

Your Warranty Control Office or Logistics Assistance Office can tell you if an item is under warranty and for how long. While equipment is under warranty, you will change the oil and oil filter as directed by the warranty contract. Do not wait for lab recommended changes. More frequent oil changes directed by the lab are allowed. Any maintenance action recommended by the lab for warranted items must be referred to the AOAP monitor and Warranty Control Office.

[illegible]

**Figure 5-16. Sample of a completed DA Form 2409**

| SECTION C - REPAIR AND COST RECORD |                     |                                    |                    |            |            |            |
|------------------------------------|---------------------|------------------------------------|--------------------|------------|------------|------------|
| DATE<br>a                          | WORK ORDER NO.<br>b | NATURE OF REPAIR<br>c              | MAN-<br>HOURS<br>d | COST       |            |            |
|                                    |                     |                                    |                    | PARTS<br>e | LABOR<br>f | TOTAL<br>g |
| 12 Jun 93                          |                     | Consolidation (From previous form) | 43.2               |            |            |            |
| 13 Jul 93                          | A1269               | Replaced Hydraulic Line            | 1.2                |            |            |            |
| 16 Jul 93                          | A1310               | Replaced LPLC Holddown Latch Assy  | 2.8                |            |            |            |
|                                    |                     |                                    |                    |            |            |            |
|                                    |                     |                                    |                    |            |            |            |
|                                    |                     |                                    |                    |            |            |            |
|                                    |                     |                                    |                    |            |            |            |
|                                    |                     |                                    |                    |            |            |            |
|                                    |                     |                                    |                    |            |            |            |

| SECTION D - MODIFICATION RECORD |                                          |               |          |                                    |                                               |                    |                                   |                                                    |
|---------------------------------|------------------------------------------|---------------|----------|------------------------------------|-----------------------------------------------|--------------------|-----------------------------------|----------------------------------------------------|
| MODIFICATIONS REQUIRED          |                                          |               |          |                                    | MODIFICATIONS COMPLETE                        |                    |                                   |                                                    |
| MWO NO.<br>a                    | DATE OF MWO<br>(Day - Month - Year)<br>b | PRIORITY<br>c | ECH<br>d | MWO TITLE OR<br>KIT NUMBER(S)<br>e | DATE MWO APPLIED<br>(Day - Month - Year)<br>f | MAN-<br>HOURS<br>g | ORGANIZATION<br>APPLYING MWO<br>h | SIGNATURE<br>(Certification of MWO Applicant)<br>i |
|                                 |                                          |               |          |                                    |                                               |                    |                                   |                                                    |
|                                 |                                          |               |          |                                    |                                               |                    |                                   |                                                    |
|                                 |                                          |               |          |                                    |                                               |                    |                                   |                                                    |
|                                 |                                          |               |          |                                    |                                               |                    |                                   |                                                    |
|                                 |                                          |               |          |                                    |                                               |                    |                                   |                                                    |

U.S. GOVERNMENT PRINTING OFFICE: 1989-242-470/100-10

Figure 5-16. Sample of a completed DA Form 2409—Continued

Legend for Figure 5-16:

Completion instructions for DA Form 2409

**Section A****General.**

- (1) **Stock Number.** Enter the NSN of the item.
- (2) **Model Number.**
  - a. Enter the model number of the item.
  - b. If the equipment has no model number, put NONE in this block.
  - c. For watercraft, enter the hull design number.
- (3) **Serial Number.**
  - a. Enter the serial number.
  - b. For watercraft, enter the DA hull number.
- (4) **Location.** Enter the actual location of the equipment. (Pencil entry)
- (5) **Frequency Of Maint Inspection.** Enter the type of frequency (interval) of the maintenance inspections: weekly, monthly, semi-annual, etc.
- (6) **Nomenclature.** Enter the noun.
- (7) **Expected Useful Life.** When you know it, enter the expected useful life of the equipment. You'll find this information in some equipment pubs and maintenance expenditure pubs. If you do not know the expected life, put UNK in this block.
- (8) **Expected Date of Retirement.** Enter the calendar date the item is expected to be taken out of service. You will get this date by adding the life expectancy in block 7 to the "put in service" date in block 11. If you do not have this information, put UNK in this block.
- (9) **Technical References.** Enter the number of the organizational level technical publication on the item.
- (10) **Manufacturer.** Enter the name of the manufacturer of the item. If you do not know, put UNK in this block.
- (11) **Date Put In SVC.** Enter the calendar date the item was accepted into the Army inventory. If you do not know, estimate. Put EST before the estimated date: EST June 1977, for example.
- (12) **Unit Cost.** Enter the current cost of replacing the item. If you

have no other cost, use the price on the Army Master Data File (AMDF).

**Section B****Maintenance Inspection Record**

- (a) **Date.** Enter the day, month, and year the scheduled maintenance inspection, load test, or service was done.
- (b) **Initial.** The person doing the inspection, test, or service initials.
- (c) **Remarks.** Enter the results of the test, inspection, or service. Normally the words "service" or "load test" are enough. When support units work on the equipment, put the job order number in this column.

**Section C****Repair And Cost Record**

- (a) **Date.** Enter the calendar date the repair work was finished. For safety recall, put the date the recall work was done.
  - (b) **Work Order No.**
    - a. Enter the maintenance request or work order number if one was used.
    - b. For safety recalls, enter the recall number.
  - (c) **Nature of Repair.**
    - a. Briefly describe the repair work.
    - b. For safety recalls, describe the recall action.
  - (d) **Man-Hours.** Enter the total man-hours used in the work. Round to the nearest tenth of an hour.
- Cost.**
- a. Fill in columns e, f, and g only when this information is required locally. Otherwise, leave blank.
  - b. This entry is required for commissary equipment and all non-tactical special purpose vehicles.
  - (e) **Parts.** Enter the cost of the parts used. Do not include cost of common hardware, items you get from the cannibalization point, etc.
  - (f) **Labor.** Enter the cost of the labor.
  - (g) **Total.** Add the costs in columns e and f together.

**Section D**

Leave this Section blank.

**INPUT FORMAT FOR DA FORM 2408-9  
ACCEPTANCE AND REGISTRATION REPORT**

| CONTROL NUMBER                                                                                                                                                                                                                                                                                     | UNIT IDENT CODE | UTILIZATION CODE | NOMENCLATURE | MODEL OR LTN | NATIONAL STOCK NUMBER | SERIAL NUMBER | REGISTRATION NUMBER | YEAR OF MFG | MFG CODE | REPORT DATE |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|--------------|--------------|-----------------------|---------------|---------------------|-------------|----------|-------------|
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 |                 |                  |              |              |                       |               |                     |             |          |             |

Data Reduction Instructions for DA Form 2408-9 (Acceptance and Registration) card Code G

Source DA Form 2408-9—Block 17 "A or B".

| Block | Field Legend      | Position From | Position To | Position Length | A | N | A/N | Remarks                                                                          |
|-------|-------------------|---------------|-------------|-----------------|---|---|-----|----------------------------------------------------------------------------------|
| N/A   | Control No        | 1             | 6           | 6               |   |   | X   |                                                                                  |
| 3     | Unit Ident Code   | 7             | 12          | 6               |   |   | X   |                                                                                  |
| 4     | Utilization Code  |               | 13          | 1               |   |   | X   | As shown except ON = 0 numeric                                                   |
| 5     | Vehicle Use Code  |               | 14          | 1               | X |   |     |                                                                                  |
| 6     | Nomenclature      | 15            | 22          | 8               |   |   | X   |                                                                                  |
| 7     | Model             | 23            | 30          | 8               |   |   | X   |                                                                                  |
| 8     | National Stock No | 31            | 43          | 13              |   |   | X   | No dashes                                                                        |
| 9     | Serial No.        | 44            | 53          | 10              |   |   | X   | *Right Justify                                                                   |
| 10    | Registration No.  | 54            | 61          | 8               |   |   | X   | Right Justify. Do not prefix with zeros. O&I (Alpha) will be entered zero & one. |
| 11    | Year Of Mfg       | 62            | 65          | 4               |   |   | X   | Right Justify.                                                                   |
| 12    | Manufacturer      | 66            | 70          | 5               |   |   | X   |                                                                                  |
|       |                   | 71            | 74          |                 |   |   |     |                                                                                  |
| 17    | Report Code       |               | 75          | 1               | X |   |     | Leave blank                                                                      |
| 23    | Julian Date       | 76            | 79          | 4               |   | X |     | Enter A or B.                                                                    |
| N/A   | Card code         |               | 80          | 1               | X |   |     | Enter G.                                                                         |

\*Do not prefix with zeros or punch special characters (i.e., slashes/dashes). Enter only the last ten characters.

Note: All data left justified unless otherwise indicated.

Figure 5-17. Input Format (Acceptance and Registration) Card code "G"

| CONTROL NUMBER                                                                                                                                                                                                                                                                                     | CONTRACT NUMBER | NATIONAL STOCK NUMBER | SERIAL NUMBER | REGISTRATION NUMBER | PURCHASE ORDER NUMBER |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------|---------------|---------------------|-----------------------|
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 |                 |                       |               |                     |                       |

Data Reduction Instructions for DA Form 2408-9, (Acceptance and Registration) Trailer Card (Card Code "H")

This transaction must accompany all Card Code "G" transactions.

Source DA Form 2408-9—Block 17 "A" or "B"

| Block | Field Legend      | Position From | Position To | Position Length | A | N | A/N | Remarks                                 |
|-------|-------------------|---------------|-------------|-----------------|---|---|-----|-----------------------------------------|
| N/A   | Control No        | 1             | 6           | 6               |   |   | X   |                                         |
| 13    | Contract No.      | 7             | 30          | 24              |   |   | X   |                                         |
| 8     | National Stock No | 31            | 43          | 13              |   |   | X   | No dashes.                              |
| 9     | Serial No         | 44            | 53          | 10              |   |   | X   | Right Justify*                          |
| 10    | Registration No.  | 54            | 61          | 8               |   |   | X   | Do not prefix with zeros. Right justify |
| 14    | Purchase Order No | 62            | 74          | 13              |   |   | X   | Do not prefix with zeros. Right justify |
| N/A   | Blank             | 75            | 79          | 5               |   |   |     | Leave blank.                            |
| N/A   | Card Code         |               | 80          | 1               | X |   |     | Enter H.                                |

\*Do not prefix with zeros or punch special characters (i.e.—slashes/dashes) enter only the last ten characters.

Note: All data Left Justified Unless Otherwise Indicated.

Figure 5-18. Input Format (Acceptance and Registration) Trailer Card (Card Code "H")

INPUT FORMAT FOR DA FORM 2408-8  
USAGE OR REBUILD/OVERHAUL REPORT

| CONTROL NUMBER                                                                                                                                                                                                                                                                                      | UNIT IDENT CODE | UTILIZATION CODE | MODEL DA LIA | NSH | SERIAL NUMBER | REGISTRATION NUMBER | REPORT CODE | HOURS | MILES | ROUNDS | REPORT DATE | C |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|--------------|-----|---------------|---------------------|-------------|-------|-------|--------|-------------|---|
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 |                 |                  |              |     |               |                     |             |       |       |        |             |   |

Data Reduction Instructions for DA Form 2408-8, Usage or Rebuild/Overhaul (Card Code "J")

Source DA Form 2408-8—Block 17 "C", "D" or "V"

| Block | Field Legend                           | Position From | Position To | Position Length | A | N | A/N | Remarks                              |
|-------|----------------------------------------|---------------|-------------|-----------------|---|---|-----|--------------------------------------|
| N/A   | Control No                             | 1             | 6           | 6               |   |   | X   |                                      |
| 3     | Unit Ident Code                        | 7             | 12          | 6               |   |   | X   |                                      |
| 4     | Utilization Code                       |               | 13          | 1               |   |   | X   | As shown except ON equals 0 numeric. |
| 5     | Vehicle Use Code                       |               | 14          | 1               | X |   |     |                                      |
| 7     | Model                                  | 15            | 22          | 8               |   |   | X   |                                      |
| 8     | National Stock No                      | 23            | 35          | 13              |   |   | X   | No dashes.                           |
| 9     | Serial No                              | 36            | 45          | 10              |   |   | X   | *Right justify.                      |
| 10    | Registration No                        | 46            | 53          | 8               |   |   | X   | **Do not prefix with zeros.          |
| 11    | Number of Overhauls Overhaul/Rebuild   |               | 54          | 1               |   | X |     | For H or R action only***            |
| 11    | Usage, Overhaul Or Rebuild Type Action |               | 55          | 1               | X |   |     | Must be H, M, or R.***               |
| 11    | Year Of MFG                            | 56            | 57          | 2               | X |   |     | ***                                  |
| 18b   |                                        |               | 58          | 1               | X |   |     | Must be M or K.                      |
| 17    | Report Code                            |               | 59          | 1               | X |   |     | Must be C, D, or V.                  |
| 18a   | Hours                                  | 60            | 64          | 5               |   | X |     | Leave blank.                         |
| 18b   | Miles                                  | 65            | 70          | 6               |   | X |     | Right justify. Prefix with zeros.    |
| 18c   | Rounds                                 | 71            | 75          | 5               |   | X |     | Leave blank.                         |
| 23    | Julian Date                            | 76            | 79          | 4               |   | X |     |                                      |
| N/A   | Card Code                              |               | 80          | 1               | X |   |     | Enter J.                             |

Notes:

All data left justified unless otherwise indicated.

\* Do not prefix with zeros or enter special characters (i.e., slashes/dashes).

\*\* O&I (alpha) will be entered as zero and one.

\*\*\*For usage reports on passenger carrying and general purpose vehicles, positions 54 through 57 will contain the four digit year of manufacturer. All other usage reports will contain "M" in position 55. Positions 56 and 57 will contain the year of mfg if it is a usage report or year of action if overhaul/rebuild report.

Figure 5-19. Input Format (Usage or Overhaul) Card Code "J"

## TRANSFER, LOSS OR GAIN REPORT

|                                                                                                                                                                                                                                                                                                    |                 |                       |                 |              |     |               |              |       |       |        |                           |             |             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------|-----------------|--------------|-----|---------------|--------------|-------|-------|--------|---------------------------|-------------|-------------|
| CONTROL NUMBER                                                                                                                                                                                                                                                                                     | UNIT IDENT CODE | UNIT<br>LIE<br>C<br>D | REGISTRATION NO | MODEL OR LTN | NSN | SERIAL NUMBER | TYPE OF CARD | HOURS | MILES | ROUNDS | UNIT IDENT CODE (TO FROM) | REPORT DATE | C<br>C<br>C |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 |                 |                       |                 |              |     |               |              |       |       |        |                           |             |             |

Data Reduction Instructions for DA Form 2408-9, (Transfer, Gain, or Loss) (Card Code "K")

Source DA Form 2408-9 Block 17 "S" or "M"

| Block | Field Legend      | Position From | Position To | Position Length | A | N | A/N | Remarks                                                                                                 |
|-------|-------------------|---------------|-------------|-----------------|---|---|-----|---------------------------------------------------------------------------------------------------------|
| N/A   | Control No        | 1             | 6           | 6               |   |   | X   |                                                                                                         |
| 3     | Unit Ident Code   | 7             | 12          | 6               |   |   | X   |                                                                                                         |
| 4     | Utilization Code  |               | 13          | 1               |   |   | X   | As shown except ON Enter 0 numeric.                                                                     |
| 5     | Vehicle Use Code  |               | 14          | 1               |   |   | X   |                                                                                                         |
| 10    | Registration No   | 15            | 22          | 8               |   |   | X   | Right justify. Do not prefix with zeros. O&I will be entered as zero and one.                           |
| 7     | Model             | 23            | 30          | 8               |   |   | X   |                                                                                                         |
| 8     | National Stock No | 31            | 43          | 13              |   |   | X   | No dashes.                                                                                              |
| 9     | Serial No         | 44            | 53          | 10              |   |   | X   | Right justify. Do not prefix with zeros or enter special characters. Only enter the last 10 characters. |
| 17    | Report Code       |               | 54          | 1               |   |   | X   | See note 1                                                                                              |
| 18a   | Hours             | 55            | 59          | 5               |   | X |     | Right justify. Prefix with zeros. May be blank.                                                         |
| 18b   | Miles             | 60            | 64          | 5               |   | X |     | See Note 3. Right justify. Prefix with zeros.                                                           |
| 18c   | Rounds            | 65            | 69          | 5               |   | X |     | Right justify. Prefix with zeros.                                                                       |
| 19/20 | Unit Ident Code   | 70            | 75          | 6               |   |   | X   |                                                                                                         |
| 23    | Julian Date       | 76            | 79          | 4               |   | X |     |                                                                                                         |
| N/A   | Card Code         |               | 80          | 1               | X |   |     | Enter K.                                                                                                |

Notes: All data left justified unless otherwise indicated.

(1) When Block 17 equals "S" two K transactions will be prepared. The data will be duplicated in each transaction. Enter the new NATIONAL STOCK NO in positions 31-43 and the Report Code "S" in position 54. Enter the old NATIONAL STOCK NO in position 31-43 and the REPORT CODE "M" in position 54 from block 21 REMARKS.

(2) All data left justified unless otherwise indicated. Do not prefix with zeros or enter special characters (i.e., slashes/dashes).

(3) If 100,000 miles/kilometers or more are reported, enter last five positions and an eleven zone entry in position 80.

Figure 5-20. Input Format (Transfer, Gain, or Loss) Card Code "K"

## REPAIR REPORT

|                                                                                                                                                                                                                                                                                                    |                 |       |     |               |                 |             |             |       |       |        |             |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|-----|---------------|-----------------|-------------|-------------|-------|-------|--------|-------------|---|
| CONTROL NUMBER                                                                                                                                                                                                                                                                                     | UNIT IDENT CODE | MODEL | NSN | SERIAL NUMBER | REGISTRATION NO | YEAR OF MFG | REPORT CODE | HOURS | MILES | ROUNDS | REPORT DATE | C |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 |                 |       |     |               |                 |             |             |       |       |        |             |   |

Data Reduction Procedures for DA Form 2408-8, (Repair Action) Card code "M"

Source DA Form 2408-8 Block 17 "W"

| Block | Field Legend      | Position From | Position To | Position Length | A | N | A/N | Remarks                                                           |
|-------|-------------------|---------------|-------------|-----------------|---|---|-----|-------------------------------------------------------------------|
| N/A   | Control No        | 1             | 6           | 6               |   |   | X   |                                                                   |
| 3     | Unit Ident Code   | 7             | 12          | 6               |   |   | X   |                                                                   |
| 4     | Utilization Code  |               | 13          | 1               |   |   | X   | As shown except ON - 0 numeric                                    |
| 7     | Model             | 15            | 22          | 8               |   |   | X   |                                                                   |
| 8     | National Stock No | 23            | 35          | 13              |   |   | X   | No dashes.                                                        |
| 9     | Serial No         | 36            | 45          | 10              |   |   | X   | Right justify. Do not prefix with zeros or use special characters |
| 10    | Registration No   | 46            | 53          | 8               |   |   | X   | Right justify                                                     |
|       |                   |               | 54          |                 |   |   |     | Leave blank                                                       |
| 11    | Manufactured      |               | 55          | 1               | X |   |     | Enter "M"                                                         |
| 11    | Year Of MFG       | 56            | 57          | 2               |   | X |     | Enter last two digits of calendar year                            |
| 18b   |                   |               | 58          | 1               | X |   |     | Enter M or K.                                                     |
| 17    | Report Code       |               | 59          | 1               | X |   |     | Enter W.                                                          |
| 18a   | Hours             | 60            | 64          | 5               |   | X |     | Right justify. Prefix with zeros.                                 |
| 18b   | Miles             | 65            | 70          | 6               |   | X |     | Right justify. Prefix with zeros.                                 |
| 18c   | Rounds            | 71            | 75          | 5               |   | X |     | Right justify. Prefix with zeros.                                 |
| 23    | Julian Date       | 76            | 79          | 4               |   | X |     |                                                                   |
| N/A   | Card Code         |               | 80          | 1               | X |   |     | Enter M.                                                          |

Note: All data left justified unless otherwise indicated.

Figure 5-21. Input Format (Repair Action)Card Code "M"

| DEPARTMENT OF DEFENSE<br>AMMUNITION DATA CARD                                             |                                                      |                                             |                                                               | Form Approved<br>Budget Bureau No. 22-R0340 |         |
|-------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|---------------------------------------------|---------|
| 1. ITEM NAME/DESCRIPTION<br><b>Marble Guidance Set AM/DV-48</b>                           |                                                      | 2. PKG.                                     | 3. LOT NUMBER<br><b>2343</b>                                  |                                             |         |
| 4. MANUFACTURING, LOADING OR ASSEMBLING ACTIVITY<br><b>LEV-M Box 909 Warren, Michigan</b> |                                                      | 5. NET QUANTITY<br><b>1</b>                 | 6. PACKING OF LOT                                             |                                             |         |
| 7. CONTRACTOR<br><b>LEV-M</b>                                                             | 8. CONTRACT OR ORDER NO.<br><b>DAAR-01-T3-C-0001</b> | 9. DRAWING OR REVISION<br><b>10245397</b>   | 10. PRECIFICATION & REVISION<br><b>N/A 13142</b>              |                                             |         |
| 11. DATE STARTED<br><b>N/A</b>                                                            | 12. DATE COMPLETED<br><b>N/A</b>                     | 13. DATE INSPECTED<br><b>6-20-74</b>        | 14. LINE 15. LINE AT STILL                                    |                                             |         |
| 16. CHARGE HEIGHT<br><b>N/A</b>                                                           | 17. INDEX OF WORDS<br><b>N/A</b>                     | 18. MOD IN INCHES<br><b>N/A</b>             | 19. MOD IN INCHES<br><b>N/A</b>                               |                                             |         |
| 20. EXPLOSIVE HEIGHT PER PKG<br><b>N/A</b>                                                | 21. EXPECTED MUZZLE VELOCITY<br><b>N/A</b>           | 22. EXPECTED PRESSURE<br><b>N/A</b>         | 23. SHELL WEIGHT<br><b>N/A</b>                                |                                             |         |
| 24. NUMBER OF TEST SAMPLES<br><b>N/A</b>                                                  | 25. SENT TO<br><b>N/A</b>                            | 26. DATE AND MODE OF SHIPMENT<br><b>N/A</b> |                                                               |                                             |         |
| 27. COMPONENTS (Continue on reverse, if necessary)                                        |                                                      |                                             |                                                               |                                             |         |
| COMPONENT                                                                                 | DRAWING NO.                                          | MODEL                                       | MANUFACTURER                                                  | DATE MFG.                                   | LOT NO. |
| Battery, Power                                                                            | 10290093                                             |                                             | Eagle Pitcher Ind.                                            | 7/73                                        | 2343-73 |
| Battery, Pulse                                                                            | 10290092                                             |                                             | Eagle Pitcher Ind.                                            | 7/73                                        | 2343-73 |
| Displacement, Otto                                                                        | 10166300                                             |                                             | Boeing Arms                                                   | 3-7-74                                      | 2343-74 |
| 28. DISPOSITION<br><b>Accepted</b>                                                        |                                                      |                                             | 29. TYPED NAME OF GOVERNMENT INSPECTOR<br><b>WILLIAM BARE</b> |                                             |         |
|                                                                                           |                                                      |                                             | SIGNATURE<br><i>William Bare</i>                              |                                             |         |

DD FORM 1650

VOID - 8-8-74

| 23a. COMPONENTS (Continue)                                                                                                                                                                                                                           |             |       |              |           |         |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|--------------|-----------|---------|----------|
| COMPONENT                                                                                                                                                                                                                                            | DRAWING NO. | MODEL | MANUFACTURER | DATE MFG. | LOT NO. | QUANTITY |
| <p><b>*PULSE AND POWER BATTERY NOT INSTALLED. Slave batteries used during test.</b></p> <p><b>*PULSE AND POWER BATTERY INSTALLED AT ANNISTON ARMY DEPOT, 28 AUG 1974.</b></p> <p><i>E. J. Smith</i><br/>EDWARD J. SMITH<br/>QA SPECIALIST (AMMU)</p> |             |       |              |           |         |          |

Figure 5-22. Sample of completed DD Form 1650

Legend for Figure 5-22:

Completion instructions for Component Section of the DD Form 1650 MIL-STD-1167B directs the use and tells you how to fill out the DD Form 1650. Instructions below just tell you how to carry component changes on the card.

**Block 23 Components.** Give the approved item name. A separate line will be used for each serial numbered component, subassembly, or assembly.

**Drawing Number.** List the drawing number, revision letter, and applied Engineering Orders (EOs), if the item has any. Model. Enter the model number for any item that has a model number.

**Manufacturer.** Give the manufacturer of each lot of each component used. (If any parts come from a supplier other than the one listed in block 7, a complete loaded item description must be given.)

**Date Mfg.** Enter the month and year (if you know it) each lot of each component was made.

**Lot No.** Enter the complete lot number or serial number of each component used in loading the item.

**Quantity.** Give the quantity from each lot, within 5 percent. Leave blank when all the components of each type are from the same lot.

**Block (23a).** Use to continue entries from block 23.

**Block (26) Remarks.** Use to continue entries from blocks 23 and 23a.

Note any unusual facts about the lot. When a serial numbered component is replaced, list the new serial number and the date of the change.

## Chapter 6 Watercraft and Amphibious Lighters Records and Procedures

### 6-1. General

a. This chapter gives instructions on how to use and distribute records and reports on U.S. Army watercraft as follows:

(1) All Army watercraft are divided into the following three classes:

(a) Class A watercraft are self-propelled and are 65 feet or over in length.

(b) Class B watercraft are self-propelled and under 65 feet in length. (Includes landing craft mechanized and amphibious lighters.)

(c) Class C watercraft are all floating equipment not self-propelled. (For example, floating machine shops and cranes, dry-liquid, and refrigerated cargo barges.) Class C watercraft are divided into the following two parts:

1. Class C-1 covers nonpropelled watercraft having berthing facilities and/or machinery on board.

2. Class C-2 covers nonpropelled watercraft having neither berthing facilities nor machinery on board.

b. General and specific instructions are given for the following forms as they apply to watercraft and amphibious lighters:

(1) All Army watercraft (except bridge erection boats, transporters, and mobile-assault bridges) are shown on all forms by the watercraft name (if one is assigned) and the Army hull and design numbers. For the bridge erection boats, transporters, and mobile-assault bridges, use model and serial number.

(2) The DD Form 314 is not used on watercraft. Maintenance scheduling and recording of NMCS/NMCM data are kept by the log book instructions.

(3) The DA Form 4640 (Harbor Boat Deck Department Log for Class A & B Vessels) is used on Class A and Class C-1 watercraft. DA Form 5273 (Harbor Boat Deck and Engine Log for Class B Vessels) is used on landing craft mechanized (LCMB), Class B watercraft, and all amphibious lighters. Class C-1 watercraft (BR and BD) can use DA Form 5273 in place of DA Form 4640. Instructions for filling out these forms are in the log book and in AR 56-9. Disposition instructions for the forms are found in AR 56-9.

(4) Log books are used on all Army watercraft, except bridge erection boats, transporters, and mobile-assault bridges. Instructions for preparing, using, and distributing the forms below are found in the proper chapters of this pamphlet, log books, AR 56-9, and AR 700-138. Log books will be used, kept, and normally stored on board all Class A, B, and C-1 watercraft. When storing watercraft, remove log books and all other records for security purposes and store at the using/storage activity. Replace the records and log books when watercraft is reissued.

(a) DA Form 2402 (chap 3).

(b) DA Form 2404 (chap 3).

(c) DA Form 2405 (chap 3).

(d) DA Form 2406 (AR 700-138).

(e) DA Form 2407/2407-1 (chap 3).

(f) DA Form 2408-9 (chap 5).

(g) SF 368 (chap 11).

(h) DA Form 3590 (Request for Disposition or Waiver) (TB 43-0140).

(5) DA Form 5587-R (Report of Drydocking, Painting, and Condition of Vessel Bottom) will be used to provide a record of cyclic maintenance and the condition of a watercraft's bottom, zinc protectors, rudders, propellers, struts, shafting and shaft bearing, sea valves, and paint system.

(a) A Report of Drydocking; is prepared after each scheduled or unscheduled drydocking of all propelled and non-propelled U.S.-Army watercraft.

(b) DA Form 5587-R is self explanatory. The required information can be obtained from the watercraft maintenance file and during drydocking or repair. The form must be prepared by the marine surveyor or Government representative during the dry-docking and be approved by his or her supervisor. Copies will be distributed as follows:

1. One copy will remain aboard the watercraft or in the unit's file.

2. One copy will be retained in the watercraft's file at the support maintenance office completing the marine condition survey or drydocking.

3. One copy will be forwarded to the National Maintenance Point (NMP) at the U.S. Army Aviation and Troop Command (ATCOM)(TROOP), ATTN: AMSAT-I-MMW, 4300 Goodfellow Boulevard, St. Louis, Missouri 63120-1798. This copy is due within 30 days of refloating the watercraft.

(c) DA Form 5587-R will be locally reproduced on 8 $\frac{1}{2}$  by 11 inch paper. A copy for reproduction purposes is located at the back of this pamphlet.

## 6-2. Reporting of accidents/incidents

All accidents and/or incidents of watercraft are reported per AR 55-19 and AR 385-40.

## 6-3. Component record

a. A data bank keeping all records of components that apply to certain end items are kept at the NMP in the Watercraft Information Reporting System (WIRS). A WIRS printout is sent each year to the using unit for review and update by the watercraft master, marine maintenance officer, or engineer. Changes to the component list are marked on the WIRS printout, signed by the reviewer, and sent back to the NMP within 30 days after it is received.

b. Look at TB 55-1900-205-24 for a list of the selected end items, their components, and instructions on how to prepare, use, and dispose of the computer printout.

## 6-4. Request for disposition and/or waiver

a. A request for disposition and/or waiver will be submitted to the NMP/NICP on DA Form 3590. Policies and procedures for the use of this form are contained in TB 43-0140.

b. All such requests will be forwarded through normal command channels to the NMP at the U.S. Army Aviation and Troop Command(ATCOM) (TROOP), ATTN: AMSAT-I-MMW, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798.

# Chapter 7 Rail Equipment Records and Procedures

## 7-1. General rail equipment forms

a. This chapter tells how to prepare, use, and dispose of forms and worksheets for Army rail equipment. Army rail equipment includes diesel electric locomotives, locomotive cranes, freight, passenger and maintenance equipment, and cars under the control of the Department of the Army.

b. When filling out forms on an end item of rail equipment, use the road number when the form asks for the serial number.

c. When rail equipment uses the same forms as other equipment, refer to the paragraph on that form.

d. Army-owned rail equipment uses the following forms:

(1) DD Form 1970 (see chap 2).

(2) DA Form 2407/2407-1 (see chap 3). Defense Railway Interchange Fleet (DRIF), controlled by the Military Traffic Management Command (MTMC), uses the DA Form 2407 for reporting applied MWOs.

(3) DA Form 2408-9 (see chap 5).

(4) DA Form 2408-20 (see chap 5).

(5) DD Form 862 (Daily Inspection Worksheet for Diesel Electric Locomotives and Locomotive Cranes). Instructions for the DD Form 862 are in this chapter (see fig 7-1).

(6) DD Form 1335 (Field Inspection Data USA, USAX, USNX, DODX Rail Cars). The DD Form 1335 is covered in this chapter (see fig 7-2).

(7) Form FRA F6180-49A (Locomotive Inspection and Repair Record). This chapter gives instructions on Form FRA F6180-49A(see fig 7-3).

(8) SF Form 368 (see chap 11).

## 7-2. Preparation of forms

a. These forms will be completed by qualified personnel. Qualified personnel are individuals, no less than journeyman level, with a working knowledge and hands-on experience of diesel engines, electrical systems, air systems, etc., which pertain solely to locomotives, railway cranes, and rolling stock. No individuals below journeyman level will make entries.

b. Periodic services on rail equipment normally will be done by a troop rail support unit. When no troop rail support unit is available, the work is done by mobile rail repair shops or commercial contract.

c. Only supervisors will countersign entries. Department of Transportation regulation governs this.

*d.* Rail equipment operating in foreign countries will be maintained as directed by the rules and regulations of that country. See AR 750-1.

### **7-3. DD Form 862 (Daily Inspection Worksheet for Diesel Electric Locomotives and Locomotive Cranes)**

*a. Purpose.* DD Form 862 gives you a means of keeping up with diesel electric locomotives and locomotive crane operation, services, and lubrication.

*b. Use.*

(1) Operator and maintenance people use DD Form 862 for daily inspections of locomotives and locomotive cranes.

(2) DD Form 862 also shows faults found and repairs made.

*c. General information.*

(1) The DD Form 862 will be filled out daily when a locomotive or locomotive crane is used.

(2) When the equipment is not used, no form is needed.

(3) All entries on the DD Form 862 will be printed or typed using black ballpoint pen or typewriter.

*d. Disposition.* Keep the DD Form 862 on file until the next 92 day inspection is done. Then destroy the form.

### **7-4. DD Form 1335 (Field Inspection Data USA, USAX, USNX, DODX Rail Cars)**

*a. Purpose.* DD Form 1335 gives you a basic checklist for inspections of railway cars by using organizations in conjunction with information supported by DA Form 2407. Inspectors are exempt from using DA Form 2407.

*b. Use.* DD Form 1335 will be used as a checklist for maintenance inspections of railway cars. The checklist will be supported by information on the DA Form 2407.

*c.* Inspections should be accomplished on cars at frequencies prescribed by TM 55-203, chapter 16.

*d. Disposition.* DD Forms 1335 will be retained by the using organization for 2 years and then will be destroyed.

### **7-5. Form FRA F6180-49A (Locomotive Inspection and Repair Record)**

*a. Purpose.* Form FRA F618049A shows the condition of locomotives and locomotive cranes. This form also shows if the equipment complies with Federal Railroad Administration (FRA) and Department of Transportation (DOT) regulations.

*b. Use.* Form FRA F6180-49A has two uses. It is used to show if the equipment complies with regulations. It is also used as a record of maintenance and repairs required by FRA and DOT.

*c. General instructions.*

(1) A 92 day Periodic Report will be made by qualified personnel.

(2) The Annual Report will be made in duplicate by qualified DS and GS or depot level personnel. The Annual Report is also made out after each depot overhaul.

(3) The qualified person making the inspection also signs the form.

(4) The Form FRA F618049A is countersigned by the officer in charge. If a non-Army organization does the work, the supervisor will countersign.

(5) Form F618049A can be obtained from the DOT FRA.

*d. Disposition.*

(1) The original copy of the report stays in the cab of the equipment. Protect the form with a clear cover.

(2) Keep one copy of the current updated form on file at the user level until the next periodic inspection has been completed and a copy of the latest updated form F6180-49A is filed.

(3) Send the third copy to Commander, Tooele Army Depot, ATTN:SDSTE-MAI-R (Rail Shop Division), Tooele, Utah 84074-5000.

(4) Copies are kept only until a new report is made. Then, destroy the old Form FRA F618049A.

|                                                                                                                                                                                                                                                                                                                                                                       |  |                                                            |                                     |                                                   |                                                                                                                                                                                                                                                                                                                                                                        |                                         |                                     |                                          |                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------|-------------------------------------|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------|------------------------------------------|------------------------------------|
| <b>DAILY INSPECTION WORKSHEET FOR DIESEL<br/>ELECTRIC LOCOMOTIVES AND LOCOMOTIVE CRANES</b>                                                                                                                                                                                                                                                                           |  |                                                            |                                     | UNIT NUMBER<br><b>USA 1289</b>                    |                                                                                                                                                                                                                                                                                                                                                                        | OPERATING HRS<br><b>8</b>               |                                     | DATE<br><b>9 May 94</b>                  |                                    |
|                                                                                                                                                                                                                                                                                                                                                                       |  |                                                            |                                     | INSTALLATION                                      |                                                                                                                                                                                                                                                                                                                                                                        |                                         |                                     |                                          |                                    |
| <b>INSTRUCTIONS</b>                                                                                                                                                                                                                                                                                                                                                   |  |                                                            |                                     |                                                   |                                                                                                                                                                                                                                                                                                                                                                        |                                         |                                     |                                          |                                    |
| Mechanical deficiencies encountered during operation will be recorded by equipment Operator, in the "A-Operators Report" portion of the form. The remaining items will be completed by qualified maintenance personnel. Check each item "OK" or "Defective". Maintainer initials and dates to the right of items marked "Defective" to signify necessary repairs were |  |                                                            |                                     |                                                   | accomplished. Items which are not applicable to the equipment being inspected should be marked N/A. In the remarks column enter additional work or other qualifying data, such as: Repairs required beyond the scope of organization maintenance. For details in repairs, maintenance and inspection, use the applicable manuals for each model and type of equipment. |                                         |                                     |                                          |                                    |
| <b>A - OPERATORS REPORT</b>                                                                                                                                                                                                                                                                                                                                           |  |                                                            |                                     |                                                   |                                                                                                                                                                                                                                                                                                                                                                        |                                         |                                     |                                          |                                    |
| ITEM NUMBER                                                                                                                                                                                                                                                                                                                                                           |  | REPAIRS NEEDED<br>(Reported by Road Inspector or Operator) |                                     |                                                   |                                                                                                                                                                                                                                                                                                                                                                        |                                         |                                     | CORRECTED<br>(Mechanic's Initials)       |                                    |
| 1.                                                                                                                                                                                                                                                                                                                                                                    |  | RIGHT W. WIPER DOES NOT OPERATE                            |                                     |                                                   |                                                                                                                                                                                                                                                                                                                                                                        |                                         |                                     | JR                                       |                                    |
| 2.                                                                                                                                                                                                                                                                                                                                                                    |  | ADJUST CONTROL AIR PRESSURE TO 90 PSI                      |                                     |                                                   |                                                                                                                                                                                                                                                                                                                                                                        |                                         |                                     | JR                                       |                                    |
|                                                                                                                                                                                                                                                                                                                                                                       |  |                                                            |                                     |                                                   |                                                                                                                                                                                                                                                                                                                                                                        |                                         |                                     |                                          |                                    |
|                                                                                                                                                                                                                                                                                                                                                                       |  |                                                            |                                     |                                                   |                                                                                                                                                                                                                                                                                                                                                                        |                                         |                                     |                                          |                                    |
|                                                                                                                                                                                                                                                                                                                                                                       |  |                                                            |                                     |                                                   |                                                                                                                                                                                                                                                                                                                                                                        |                                         |                                     |                                          |                                    |
|                                                                                                                                                                                                                                                                                                                                                                       |  |                                                            |                                     |                                                   |                                                                                                                                                                                                                                                                                                                                                                        |                                         |                                     |                                          |                                    |
|                                                                                                                                                                                                                                                                                                                                                                       |  |                                                            |                                     |                                                   |                                                                                                                                                                                                                                                                                                                                                                        |                                         |                                     |                                          |                                    |
|                                                                                                                                                                                                                                                                                                                                                                       |  |                                                            |                                     |                                                   |                                                                                                                                                                                                                                                                                                                                                                        |                                         |                                     |                                          |                                    |
|                                                                                                                                                                                                                                                                                                                                                                       |  |                                                            |                                     |                                                   |                                                                                                                                                                                                                                                                                                                                                                        |                                         |                                     |                                          |                                    |
| 1. CLEAN UNIT                                                                                                                                                                                                                                                                                                                                                         |  | 2. LUBE OIL PRESSURE                                       |                                     | 3. WATER TEMPERATURE                              |                                                                                                                                                                                                                                                                                                                                                                        | 4. BATTERY AMMETER                      |                                     | 5. LOAD METER                            |                                    |
| NUMBER 1<br><b>OK</b>                                                                                                                                                                                                                                                                                                                                                 |  | NUMBER 2<br><b>OK</b>                                      |                                     | NUMBER 1<br><b>OK</b>                             |                                                                                                                                                                                                                                                                                                                                                                        | NUMBER 2<br><b>OK</b>                   |                                     | NUMBER 1<br><b>OK</b>                    |                                    |
| <input checked="" type="checkbox"/> YES                                                                                                                                                                                                                                                                                                                               |  | 6. MAIN RESERVOIR PRESSURE<br><b>130 PSI</b>               |                                     | 7. EQUALIZING RESERVOIR PRESSURE<br><b>90 PSI</b> |                                                                                                                                                                                                                                                                                                                                                                        | 8. BRAKE PIPE PRESSURE<br><b>45 PSI</b> |                                     | 9. CONTROL AIR PRESSURE<br><b>80 PSI</b> |                                    |
| <input type="checkbox"/> NO                                                                                                                                                                                                                                                                                                                                           |  |                                                            |                                     |                                                   |                                                                                                                                                                                                                                                                                                                                                                        |                                         |                                     |                                          |                                    |
| SIGNATURE OF ROAD INSPECTOR                                                                                                                                                                                                                                                                                                                                           |  |                                                            |                                     |                                                   | SIGNATURE OF OPERATOR<br><i>Joan Ridgley</i>                                                                                                                                                                                                                                                                                                                           |                                         |                                     |                                          |                                    |
| <b>B - MAINTAINER'S REPORT</b>                                                                                                                                                                                                                                                                                                                                        |  |                                                            |                                     |                                                   |                                                                                                                                                                                                                                                                                                                                                                        |                                         |                                     |                                          |                                    |
| ITEMS                                                                                                                                                                                                                                                                                                                                                                 |  | CHECK ONE                                                  |                                     | CORRECTED<br>(Mechanic's Initials)                | ITEMS                                                                                                                                                                                                                                                                                                                                                                  |                                         | CHECK ONE                           |                                          | CORRECTED<br>(Mechanic's Initials) |
|                                                                                                                                                                                                                                                                                                                                                                       |  | OK                                                         | DEFECTIVE                           |                                                   |                                                                                                                                                                                                                                                                                                                                                                        |                                         | OK                                  | DEFECTIVE                                |                                    |
| 1. Lubricate complete locomotive in accordance with applicable DA lubrication order                                                                                                                                                                                                                                                                                   |  | <input checked="" type="checkbox"/>                        |                                     |                                                   | 4. Brake equipment, Sanders, Shutters, etc.                                                                                                                                                                                                                                                                                                                            |                                         | <input checked="" type="checkbox"/> |                                          | JR                                 |
| 2. Check and replenish:                                                                                                                                                                                                                                                                                                                                               |  | <input checked="" type="checkbox"/>                        |                                     |                                                   | 5. Cooling fan and drive                                                                                                                                                                                                                                                                                                                                               |                                         | <input checked="" type="checkbox"/> |                                          |                                    |
| a. Water supply                                                                                                                                                                                                                                                                                                                                                       |  | <input checked="" type="checkbox"/>                        |                                     |                                                   | 6. Couplers, Locks and Levers                                                                                                                                                                                                                                                                                                                                          |                                         | <input checked="" type="checkbox"/> |                                          |                                    |
| b. Fuel                                                                                                                                                                                                                                                                                                                                                               |  |                                                            | <input checked="" type="checkbox"/> | JR                                                | 7. Brake Rigging and Pins                                                                                                                                                                                                                                                                                                                                              |                                         | <input checked="" type="checkbox"/> |                                          |                                    |
| c. Battery water                                                                                                                                                                                                                                                                                                                                                      |  | <input checked="" type="checkbox"/>                        |                                     |                                                   | 8. Brake shoes and brake cylinder piston travel                                                                                                                                                                                                                                                                                                                        |                                         | <input checked="" type="checkbox"/> |                                          |                                    |
| d. Sand                                                                                                                                                                                                                                                                                                                                                               |  | <input checked="" type="checkbox"/>                        |                                     |                                                   | 9. Cab heater and Standby heater                                                                                                                                                                                                                                                                                                                                       |                                         | <input checked="" type="checkbox"/> |                                          |                                    |
| e. Wheel flange lubricator                                                                                                                                                                                                                                                                                                                                            |  |                                                            |                                     |                                                   | 10. Footboards, Doors, Grab Irons & Safety devices                                                                                                                                                                                                                                                                                                                     |                                         | <input checked="" type="checkbox"/> |                                          |                                    |
| 3. Horn, Bell, Lights and Windshield wipers                                                                                                                                                                                                                                                                                                                           |  |                                                            | <input checked="" type="checkbox"/> | JR                                                | 11. Loose electrical wires                                                                                                                                                                                                                                                                                                                                             |                                         | <input checked="" type="checkbox"/> |                                          |                                    |

DD FORM 862, MAY 94

PREVIOUS EDITION MAY BE USED

Figure 7-1. Sample of a completed DD Form 862

| B - MAINTAINER'S REPORT (Continued)                            |           |                |                                       |                                            |           |                |                                       |
|----------------------------------------------------------------|-----------|----------------|---------------------------------------|--------------------------------------------|-----------|----------------|---------------------------------------|
| ITEMS                                                          | CHECK ONE |                | CORRECTED<br>(Mechanic's<br>Initials) | ITEMS                                      | CHECK ONE |                | CORRECTED<br>(Mechanic's<br>Initials) |
|                                                                | OK        | DEFEC-<br>TIVE |                                       |                                            | OK        | DEFEC-<br>TIVE |                                       |
| 12. Loose Bolts, Nuts and Pins                                 | ✓         |                |                                       | 19. Check Engine Warm Up                   | ✓         |                |                                       |
| 13. All hoses and Belts                                        | ✓         |                |                                       | 20. Check Friction Clutches                | -         | -              |                                       |
| 14. Leaks                                                      |           |                |                                       | 21. Check Air Operated Clutches            | -         | -              |                                       |
| a. Fuel and Lube Systems                                       | ✓         |                |                                       | 22. Check Turntable                        | -         | -              |                                       |
| b. Cooling System                                              | ✓         |                |                                       | 23. Check Boom and Hoisting Brakes         | -         | -              |                                       |
| c. Air System                                                  | ✓         |                |                                       | 24. Rollers and Pins                       | -         | -              |                                       |
| d. Intake and Exhaust System                                   | ✓         |                |                                       | 25. Cables and Sheaves                     | -         | -              |                                       |
| 15. Wheels and Journals                                        | ✓         |                |                                       | 26. Hook or Bucket                         | -         | -              |                                       |
| 16. Drain Moisture from Air Reservoirs & Intercoolers          | ✓         |                |                                       | 27. Transmission                           | -         | -              |                                       |
| 17. Drain Air Boxes and Check Operation of Crankcase Exhauster | ✓         |                |                                       |                                            |           |                |                                       |
| 18. Check for Unusual Noises                                   | ✓         |                |                                       |                                            |           |                |                                       |
| C - ADDITIONAL WORK OR OTHER QUALIFYING DATA                   |           |                |                                       |                                            |           |                |                                       |
| REMARKS                                                        |           |                |                                       |                                            |           |                |                                       |
| D - AUTHENTICATION                                             |           |                |                                       |                                            |           |                |                                       |
| SIGNATURE OF INSPECTOR<br><i>Bernie Wright</i>                 |           |                |                                       | SIGNATURE OF FOREMAN<br><i>James Lyles</i> |           |                |                                       |

DD FORM 862 (BACK), MAY 94

Figure 7-1. Sample of a completed DD Form 862-Continued

Legend for Figure 7-1:

Completion instructions for DD Form 862

Unit Number. Enter noun abbreviation and unit number.

Operation Hrs. Total hours of actual operation per day.

Date. Current day's calendar date.

Installation. Assigned location.

**A. Operators Report**

Item Number. List in numerical sequence.

Repairs Needed. Describe the fault or problem.

Corrected Block. Qualified mechanic's initials.

(1) Clean Unit. Mark yes or no.

(2) Lube Oil Pressure. Enter "OK" if engine lube oil pressure is normal as specified by manufacturer after initial warm up. If defective, enter "DEF" and explain problem in Remarks block on backside of form.

(3) Water Temperature. Enter "OK" if engine temperature is normal as specified by the manufacturer after initial warm up. If defective, enter "DEF" and explain problem in Remarks block on backside of form.

(4) Battery Ammeter. Enter "OK" if charging. If defective, enter "DEF" and explain problem in Remarks block on backside of form.

(5) **Load Meter.** If operational, enter "OK". If defective, enter "DEF" and explain problem in Remarks block on backside of form.

(6) **Main Reservoir Pressure.** Enter PSI for main reservoir pressure.

(7) **Equalizing Reservoir Pressure.** Enter PSI for equalizing reservoir pressure.

(8) **Brake Pipe Pressure.** Enter PSI for brake pipe pressure.

(9) **Control Air Pressure.** Enter PSI for control air pressure.

**Signature of Road Inspector.** Leave blank.

**Signature of Operator.** Sign name legibly.

**B. Maintainer's Report Items.** Read all items 1 through 27.

**Check One.** Make check mark in OK or defective blocks.

**Corrected.** Enter initials of qualified mechanic doing the work.

**C. Additional Work or Other Qualifying Data Remarks**

a. Note any work done that was not listed in B.

b. Note information for future use.

**D. Authentication**

**Signature of Inspector.** Signature of qualified rail inspector.

**Signature of Foreman.** Signature of foreman.

| FIELD INSPECTION DATA<br>USA, USAX, USHX, DODX RAIL CARS                               |           |                                    |       | NAME OF INSPECTOR<br>John Doe |                                                                                                                                                                                            | SHOP<br>AMCXXX                                                  |  |
|----------------------------------------------------------------------------------------|-----------|------------------------------------|-------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--|
| CLASS<br>TYPE 1                                                                        |           | INSPECTION LOCATION<br>ST Louis Mo |       | DATE<br>1 July 88             |                                                                                                                                                                                            | CAR NUMBER<br>43AX 28059                                        |  |
| TEST                                                                                   |           | PRESSURE                           |       | LWT                           |                                                                                                                                                                                            | LDMT                                                            |  |
| TANK                                                                                   | VALVE     | TANK                               | VALVE |                               |                                                                                                                                                                                            |                                                                 |  |
| 1 July 88                                                                              | 1 July 88 | 250                                | 75    | 10,000                        |                                                                                                                                                                                            | 40,000 LB 137,000                                               |  |
| AIR DATE<br>1 July 88                                                                  |           | JOURNAL PAID<br>1 July 88          |       | TYPE<br>oil/well              |                                                                                                                                                                                            | DATE BUILT<br>1-44                                              |  |
|                                                                                        |           |                                    |       |                               |                                                                                                                                                                                            | DATE LAST INSP<br>1 July 87                                     |  |
|                                                                                        |           |                                    |       |                               |                                                                                                                                                                                            | ACI<br><input type="checkbox"/> YES <input type="checkbox"/> NO |  |
| ITEM                                                                                   |           | CONDITION                          |       |                               | REMARKS (CHECK)                                                                                                                                                                            |                                                                 |  |
|                                                                                        |           | SAT                                | RPR   | REMER                         |                                                                                                                                                                                            |                                                                 |  |
| TANK SHELL LEAKING                                                                     |           |                                    |       |                               | <input type="checkbox"/> YES <input type="checkbox"/> NO                                                                                                                                   |                                                                 |  |
| SLABDING <input type="checkbox"/> METAL <input type="checkbox"/> WOOD                  |           |                                    |       |                               | <input type="checkbox"/> DECAYED <input type="checkbox"/> MISSING                                                                                                                          |                                                                 |  |
| RUNNING BOARD <input type="checkbox"/> METAL <input type="checkbox"/> WOOD             |           |                                    |       |                               | <input type="checkbox"/> RIVETS LOOSE                                                                                                                                                      |                                                                 |  |
| TANK BANDS                                                                             |           |                                    |       |                               | <input type="checkbox"/> LOOSE <input type="checkbox"/> BROKEN                                                                                                                             |                                                                 |  |
| DECK/LINING                                                                            |           |                                    |       |                               | DATE TYPE                                                                                                                                                                                  |                                                                 |  |
| BULL STEPS/BRAD IRONS/HAND RAILS, LADDERS                                              |           |                                    |       |                               | <input type="checkbox"/> LOOSE <input type="checkbox"/> BENT <input type="checkbox"/> BROKEN                                                                                               |                                                                 |  |
| COUPLERS, SHANK, HIDEWALL, KNUCKLES, PINS, LOCKLIFT                                    |           |                                    |       |                               | <input type="checkbox"/> WORN <input type="checkbox"/> CRACKED <input type="checkbox"/> ALIGNMENT <input type="checkbox"/> LOW <input type="checkbox"/> INOPERATIVE                        |                                                                 |  |
| STRIKER CASTINGS                                                                       |           |                                    |       |                               | <input type="checkbox"/> CRACKED <input type="checkbox"/> BROKEN <input type="checkbox"/> LOOSE RIVETS                                                                                     |                                                                 |  |
| DRAFT GEAR, YOKE, FOLLOWER, KEY, CUSHIONING DEVICE                                     |           |                                    |       |                               | <input type="checkbox"/> WORN <input type="checkbox"/> BROKEN <input type="checkbox"/> MISSING <input type="checkbox"/> SOUNDING                                                           |                                                                 |  |
| DRAFT LUGS                                                                             |           |                                    |       |                               | <input type="checkbox"/> LOOSE RIVETS <input type="checkbox"/> MISSING                                                                                                                     |                                                                 |  |
| SIDE BEARINGS                                                                          |           |                                    |       |                               | <input type="checkbox"/> ADJUST <input type="checkbox"/> MISSING <input type="checkbox"/> NO CLEARANCE                                                                                     |                                                                 |  |
| SIDE FRAME - BOLLER - COLUMN GUIDES                                                    |           |                                    |       |                               | <input type="checkbox"/> BROKEN <input type="checkbox"/> PATCHED <input type="checkbox"/> PLATED <input type="checkbox"/> STRIKING <input type="checkbox"/> WORN                           |                                                                 |  |
| SPRING PACKAGE                                                                         |           |                                    |       |                               | <input type="checkbox"/> COIL COMPRESSED <input type="checkbox"/> MISSING <input type="checkbox"/> BROKEN <input type="checkbox"/> PLATES <input type="checkbox"/> WOOD                    |                                                                 |  |
| MODIFICATIONS <input type="checkbox"/> YES <input type="checkbox"/> NO<br>STAKEPOCKETS |           |                                    |       |                               | <input type="checkbox"/> SHIELDS <input type="checkbox"/> STRAPS <input type="checkbox"/> OTHER (Specify)                                                                                  |                                                                 |  |
| HANDBRAKE SHAFT - WHEEL                                                                |           |                                    |       |                               | <input type="checkbox"/> CRACKED <input type="checkbox"/> BENT                                                                                                                             |                                                                 |  |
| WHEELS                                                                                 |           |                                    |       |                               | <input type="checkbox"/> SHIM <input type="checkbox"/> RR & R <input type="checkbox"/> REWER                                                                                               |                                                                 |  |
| AXLES - JOURNALS                                                                       |           |                                    |       |                               | <input type="checkbox"/> FLANGE <input type="checkbox"/> CRACKED <input type="checkbox"/> FLAT SPOTS <input type="checkbox"/> THIN RIM                                                     |                                                                 |  |
| JOURNAL BOXES AND LUBRICATORS                                                          |           |                                    |       |                               | <input type="checkbox"/> COLLAR <input type="checkbox"/> HEAT <input type="checkbox"/> R J STAMP <input type="checkbox"/> FILLET                                                           |                                                                 |  |
| CENTER PLATES                                                                          |           |                                    |       |                               | <input type="checkbox"/> LOW OIL <input type="checkbox"/> MISSING                                                                                                                          |                                                                 |  |
| ROLLER BEARINGS, ADAPTORS, LUGS                                                        |           |                                    |       |                               | <input type="checkbox"/> BROKEN <input type="checkbox"/> LOOSE RIVETS                                                                                                                      |                                                                 |  |
| DEFECT CARD HOLDER, PLACARD HOLDERS, ROUTE BOARDS                                      |           |                                    |       |                               | <input type="checkbox"/> HEAT <input type="checkbox"/> WATER <input type="checkbox"/> WORN <input type="checkbox"/> MISSING <input type="checkbox"/> SEALS <input type="checkbox"/> BROKEN |                                                                 |  |
| PAINT CONDITION                                                                        |           |                                    |       |                               | <input type="checkbox"/> TIGHTEN <input type="checkbox"/> REPLACE                                                                                                                          |                                                                 |  |
| MECHANICAL CONDITION CODE                                                              |           |                                    |       |                               | ✓ RUSTING [PAINT]                                                                                                                                                                          |                                                                 |  |
| SIGNATURE OF EQUIPMENT SPECIALIST<br>John Doe                                          |           |                                    |       | APPROVED<br>Mike Rail         |                                                                                                                                                                                            |                                                                 |  |

Figure 7-2. Sample of a completed DD Form 1335

Legend for Figure 7-2:

Completion instructions for DD Form 1335

**Name of Inspector.** Print name legibly.

**Shop.** Name of installation.

**Class.** Classification of installation. For example Type 1, 2, etc.

**Inspection Location.** State where located.

**Date.** Current day's calendar date.

**Car Number.** Assigned USA or DODX number.

**Test.** Mark dates tested for tank and valve.

**Pressure.** Mark tank pressure from 60 to 300 PSI, valve pressure 25 to 100 PSI.

**Gal.** Capacity in gallons.

**Lwt.** Weight of car when not loaded.

**Ldmt.** Weight of car loaded.

**Air Date.** Date of last air test.

**Journal Pads.** Date pads were last changed, if applicable.

**Type.** Name of pad.

**Date Built.** The year the car was built.

**Date Last Insp.** Date of last inspection performed.

**ACI.** Leave blank.

**Item.** Read the actual item to be inspected.

**Condition.** Make a check mark in the blocks marked satisfactory, repair, or renew, as they apply.

**Remarks.** Check appropriate block to match materials in item and condition columns.

**Signature of Equipment Specialist.** Signature of qualified rail equipment inspector.

Approved. Signature of approving official.



### LOCOMOTIVE INSPECTION AND REPAIR RECORD

In accordance with the Locomotive Inspection Act, 36 State, 913, as amended and the regulations issued pursuant to that Act, the parts and appurtenances of the locomotive unit have been inspected and all defects disclosed by the inspection have been properly repaired.

|                                                                                                                 |  |                                                        |  |                                      |  |                                                                                                                                                                      |  |
|-----------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------|--|--------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Reporting year 1991                                                                                             |  | Check if new loco. <input type="checkbox"/>            |  | If loco. returned, give previous no. |  | Insured to meet A.C.T. the parts and accessories of the locomotive unit have been inspected and all defects disclosed by the inspection have been properly repaired. |  |
| 1. OPERATED BY                                                                                                  |  | FT LEWIS, WA                                           |  | RR CODE                              |  | 2. OWNED BY (Railroad)                                                                                                                                               |  |
| U.S. ARMY                                                                                                       |  | RR CODE                                                |  |                                      |  |                                                                                                                                                                      |  |
| 3. MODEL NO.                                                                                                    |  | 4. LOCO. NO.                                           |  | 5. YR. BUILT                         |  | 6. PROPELLED BY                                                                                                                                                      |  |
| 100TON SW-8                                                                                                     |  | USA 2000                                               |  | 1951                                 |  | D-E                                                                                                                                                                  |  |
| 7. HORSEPOWER                                                                                                   |  | 8. TYPE OF SERVICE: PASSENGER <input type="checkbox"/> |  | ROAD <input type="checkbox"/>        |  | YARD <input checked="" type="checkbox"/>                                                                                                                             |  |
| 800                                                                                                             |  |                                                        |  |                                      |  | OTHER <input type="checkbox"/>                                                                                                                                       |  |
| 9. STEAM GEN.                                                                                                   |  | GEN. #1. N/A                                           |  | Working Pressure                     |  | GEN. #2. N/A                                                                                                                                                         |  |
|                                                                                                                 |  |                                                        |  |                                      |  | Working Pressure                                                                                                                                                     |  |
| 10. MAXIMUM PISTON TRAVEL                                                                                       |  | TYPE OF AIR BRAKE                                      |  | 11. OUT OF USE CREDIT                |  |                                                                                                                                                                      |  |
| 6 inches                                                                                                        |  | 26 NL                                                  |  |                                      |  |                                                                                                                                                                      |  |
| 12. LAST PERIODIC INSPECTION DATE                                                                               |  | 23 DEC 90                                              |  | PLACE                                |  | FT LEWIS, WA                                                                                                                                                         |  |
| PERIODIC INSPECTIONS                                                                                            |  |                                                        |  |                                      |  |                                                                                                                                                                      |  |
| 13. DATE<br>MO DAY YR                                                                                           |  | 14. PLACE                                              |  | 15.* ITEMS                           |  | 16. PERSON CONDUCTING                                                                                                                                                |  |
| 9-24-91                                                                                                         |  | FT LEWIS                                               |  | 1,2,3,4,5                            |  | P. HIVELEY                                                                                                                                                           |  |
| 12-24-91                                                                                                        |  | FT LEWIS                                               |  | 1,2,3,4,5                            |  | P. HIVELEY                                                                                                                                                           |  |
|                                                                                                                 |  |                                                        |  |                                      |  |                                                                                                                                                                      |  |
|                                                                                                                 |  |                                                        |  |                                      |  |                                                                                                                                                                      |  |
|                                                                                                                 |  |                                                        |  |                                      |  |                                                                                                                                                                      |  |
|                                                                                                                 |  |                                                        |  |                                      |  |                                                                                                                                                                      |  |
|                                                                                                                 |  |                                                        |  |                                      |  |                                                                                                                                                                      |  |
|                                                                                                                 |  |                                                        |  |                                      |  |                                                                                                                                                                      |  |
|                                                                                                                 |  |                                                        |  |                                      |  |                                                                                                                                                                      |  |
|                                                                                                                 |  |                                                        |  |                                      |  |                                                                                                                                                                      |  |
| 15.* ITEM CODE: ① BRAKES ② RUNNING GEAR ③ CAB EQUIP. ④ MECH. EQUIP. ⑤ ELECT. EQUIP. ⑥ STEAM GEN. ⑦ SAFETY APPL. |  |                                                        |  |                                      |  |                                                                                                                                                                      |  |
| TESTS                                                                                                           |  | 18. H & H TEST<br>PRESSURE<br>DRILLED<br>190 PSI       |  | 19. WAIVER PART-229<br>N/A           |  | 20. WAIVER-OTHER<br>N/A                                                                                                                                              |  |
| TYPE                                                                                                            |  | INTERVAL NOT MORE THAN                                 |  | 21. PERSON CONDUCTING                |  | 22. TEST DATE AND PLACE                                                                                                                                              |  |
| METER                                                                                                           |  | 368 calendar days                                      |  | W. ROBERTS                           |  | 12-23-91<br>FT LEWIS                                                                                                                                                 |  |
| HAMMER AND HYDRO                                                                                                |  | 736 calendar days                                      |  | W. ROBERTS                           |  | DRILLED<br>R. FLAKE                                                                                                                                                  |  |
| AIRBRAKE 229.27                                                                                                 |  | 368 calendar days                                      |  | W. ROBERTS                           |  | 12-23-91<br>FT LEWIS                                                                                                                                                 |  |
| AIRBRAKE 229.29                                                                                                 |  | NUMBER OF CALENDAR DAYS 731                            |  | W. ROBERTS                           |  | 12-22-89<br>FT LEWIS                                                                                                                                                 |  |

**Certification of true copy.**

I certify that this is a true copy of the inspection and repair record of locomotive no. USA 2000

MICHAEL P. SACCA  
(Officer-in-charge)

12-23-91  
DATE

**ATTENTION:** A false entry on this form is punishable by fine or imprisonment (U.S. Code, Title 18, Sec. 1001).

FORM FRA F6180-49 A (3-85)

**GOVERNMENT PROPERTY DO NOT REMOVE**

OMB Approval No. 2130-0004

**Figure 7-3. Sample of a completed DD Form FRA F6180-49A**

Legend for Figure 7-3:

Completion instructions for Form FRA F6180-49A, Locomotive Inspection and Repair Record

**Reporting Year.** Current year's date.

**Check If New Loco.** Make check mark if the locomotive is new.

**If Loco Renumbered.** Place the previous number here, if it has not been renumbered, leave blank.

**(1) Operated By.**

a. Installation assigned.  
b. RR code. Leave blank.

(2) Owned By.

a. U.S. Army, Air Force, Navy, Marine Corps, Defense Logistics Agency (DLA), or Reserve Components.

b. RR Code, leave blank.

- (3) **Model No.** Type of locomotive or locomotive crane; for example, 100 Ton SW-8.
- (4) **Loco No.** Assigned USA, USAF, USN, USIVIC, or DLA number.
- (5) **Yr. Built.** Original year built or date of remanufacture.
- (6) **Propelled By.** Diesel Electric (D-E) or Diesel Mechanical (D-M).
- (7) **Horsepower.** Rated manufacturer's amount.
- (8) **Type of Service.** Make check mark in the block that applies.
- (9) **Steam Gen.** Not applicable. Print N/A for Gen #1 and Gen #2.
- (10) **Maximum Piston Travel.** Print 6 inches.

**Type of Air Brake.** Enter type of air brake system, e.g., 26NL.

(11) **Out of Use Credit.** Print the number of days the locomotive or locomotive crane was not used in excess of 30 consecutive days during an inspection cycle.

**(12) Last Periodic Inspection Date**

- a. Print the date the last 92-day inspection was performed.
- b. Enter the location.

(13) **Date.** Mo Day Yr. Print the date, month-day-year; for example 12-22-92.

(14) **Place.** Note the installation where the inspection took place.

(15) **Items.** Refer to the item codes again. Enter any other codes that apply.

(16) **Person Conducting.** Name of qualified person conducting the rest of the inspection.

(17) **Certified By.** Name of qualified person authorized to certify that the inspection has been completed.

Note: Items 18 through 24 are to be filled in for the annual services only.

(18) **H&H Test Pressure.** Mark 190 lbs if testis done. If reservoirs are drilled, enter word "drilled." Note: If locomotive is equipped with aluminum reservoirs, test pressure should be 250 PSI.

(19) **Waiver Part-229.** Print N/A.

(20) **Waiver-Other.** Print N/A.

(21) **Person Conducting.** Name of qualified person who completed the annual service.

(22) **Test Date and Place.** Print the month, day, year, and location where the annual service was completed.

(23) **Certified By.** The person authorized to certify the completion of work.

(24) **Previous Test Date and Place.** Print the last month, day, year, and location where the annual service was performed.

**Certification of True Copy.** Enter the number of the locomotive worked on. Below that, enter the signature of the official in charge and responsible for the overall certification of the work.

Note: The back of Form FRA F6180-49A does not need to be filled out unless the locomotive or rail crane assigned travels over commercial rail trackage under its own power.

## Chapter 8 U.S. Army COMSEC Equipment Modification Application Reporting System (CEMARS) (RCS NSA71028)

### 8-1. General

This chapter tells all users of COMSEC/CCI equipment how to report modifications to the U.S. Army COMSEC Equipment Modification Application Reporting System (CEMARS). This system carries out the National Security Agency (NSA) policy in National COMSEC Instruction 2005 and Interim Operating Instructions (101) for U.S. Army Materiel Change Management, September 1990.

### 8-2. Modification authority

Modification will not be applied to Army-owned or supported COMSEC/CCI equipment without an MWO or other document. All modifications will be applied to equipment in the serial number

range or other identification in the MWO or document. If a modification cannot be applied in the time compliance period, you must ask for a formal waiver (see para 8-5).

### 8-3. Modification verification requirements

A chronological listing of all NSA modifications/repair actions issued against COMSEC/CCI equipment in the Army inventory is contained in TB 750-38. Not all NSA modifications/repair actions are authorized for Army application. Users of COMSEC/CCI equipment will review the modification/repair action tables to determine which NSA modification/repair actions are authorized for Army application.

### 8-4. Reporting requirements

a. Reporting the application of a modification will be accomplished by the authorized maintenance facility that applied the modification.

b. Date to be reported will be identified in the MWO instructions.

c. The report will be by message or memorandum to Commander, U.S. Army Communications-Electronics Command, Communications Security Logistics Activity, ATTN: SELCL-EP-C, Fort Huachuca, AZ 85613-7090. Message address: CDRUSACCSLA FT HUACHUCA AZ//SELCL-EP-C//.

### 8-5. Waiver requirements for modification to COMSEC equipment

a. When a modification's time compliance date cannot be met, send in a request for waiver for each unapplied modification. Submit the request through your command channels to Commander, U.S. Army Communications-Electronics Command, Communications Security Logistics Activity, ATTN: SELCL-EP-C, Fort Huachuca, AZ 85613-7090. As a minimum, the request must contain the following information:

(1) Short title(s) of end item(s)/assembly(s). National Stock Number of end item.

(2) Serial number(s) of end item(s)/assembly(s).

(3) Unit identification code (UIC) and COMSEC account number/DODAAC number.

(4) Type and classification of information processed, if equipment is on line or in standby status.

(5) Reason why the modification(s) will not be applied on time.

(6) The date you expect to apply the modification(s).

b. Unmodified equipment used in critical application/system will be considered for priority exchange with modified equipment.

### 8-6. Application of modifications

Users with equipment needing modifications will do the following to make sure modifications are applied on time:

a. To get modification kits/parts, see paragraph 8-9.

b. When maintenance facilities get modification kits/parts, schedule the equipment for modifications.

c. If you have trouble getting maintenance support, ask your next higher level of support for help.

d. If your items need depot-level modifications, send them to the next higher level of support for exchange with already modified items.

### 8-7. Modification of subassemblies

Stocks of subassemblies and parts (such as printed wiring assemblies) not installed in end items or subassemblies will be modified. However, they will not be reported as instructed in paragraph 8-6. Each modified subassembly will be marked according to instructions in the MWO. No unmodified subassembly or part will be put into a modified end item or assembly.

### 8-8. Modification recording

a. COMSEC equipment with modifications will have one of the following equipment modification labels showing the DA MWOs applied:

(1) Mods 1-15, ONO 14681-3, NSN 9905-OM30-4383.

(2) Mods 16-30, ONO14681-4, NSN 9905-00-030-4386.

(3) Mods 1–27, ONO 1468 1–1, NSN 9905–00–165–7142.

(4) Mods 28–54, ONO14681–2, NSN 9905–00–165–7143.

*b.* To show the applied modification, scratch out the DA MWO number on the label (see fig 8–1).

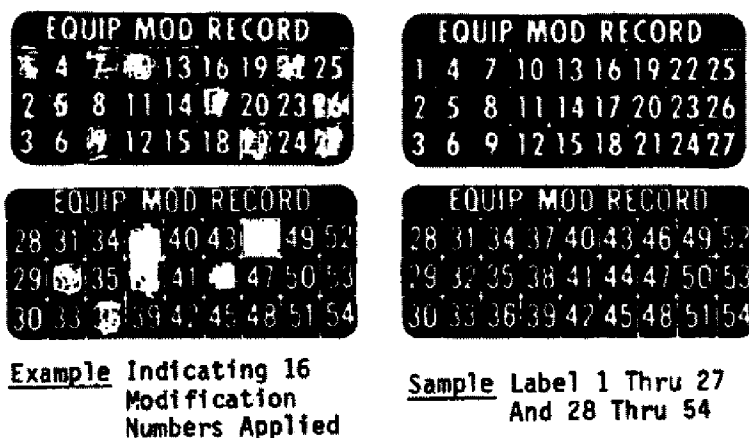


Figure 8-1. Sample of NSA Label (NSA Modification Record Label)

### 8–9. Requisitioning modification kits/parts

USACCSLA will supply modification kits to maintenance facilities at no cost on a one-kit-per-item basis to include modified spare boards, if applicable. COMSEC maintenance facilities will tell USACCSLA the number of end items and spares they expect to have to modify. USACCSLA will then process materiel release orders (MRO) and ship the number of modification kits the maintenance facilities will need. Human safety or urgent security modifications may be implemented by message if there is not enough time to publish a MWO. See paragraph 8–6d for applying depot-level COMSEC/CCI modifications.

### 8–10. Classification of reports

*a.* The classification of the report will be as directed by the respective MWO.

*b.* COMSEC maintenance facilities will check to make sure the information carries the right classification.

### 8–11. DA MWO announcements

DA MWO to COMSEC equipment are sent out as amendments to NSA maintenance manuals. Advance copies of MWOs may be sent out by USACCSLA with a memorandum that authorizes application and has instructions for applying the modification. All COMSEC MWO information will be sent through COMSEC channels. NSA modifications will not be applied to Army held COMSEC/CCI equipment unless USACCSLA authorizes them.

## Chapter 9 Ammunition Records and Procedures

### 9–1. General

*a.* This chapter tells how to prepare, use, maintain, and distribute records and reports on the following Army materiel:

- (1) Toxic chemical ammunition materiel.
- (2) Conventional ammunition.
- (3) Class V items used on guided missiles of large rockets.
- (4) Ammunitions peculiar equipment (APE).

*b.* General and special instructions are given for the following forms for the above ammunition items:

- (1) DA Form 2407 and 2407–1 (chap 3).
- (2) DA Form 2409 (chap 5).
- (3) DA Form 2415 (Ammunition Condition Report).
- (4) DA Form 2402 (chap 3).

(5) DA Form 2408–9 (chap 5).

### 9–2. Special Instructions

*a.* These instructions do not apply to ammunition malfunctions. Malfunctions are reported by AR 75–1.

*b.* Accidents and incidents with chemical warfare (CW) ammunition are reported by AR 50–6 and command directives.

### 9–3. General instructions

*a. Responsibility for submission.*

(1) Commanding officers of organizations using, handling, or storing ammunition, guided missiles, and large rockets prepares and submits timely ammunition reports.

(2) For guided missiles and large rockets, the unit submits a DA Form 2407 for bad components. DA Form 2415 is made and submitted as needed.

*b. Classification.* Reports are classified by the latest security regulations. (See AR 380–5 and AR 380–86.)

*c. Acknowledgement of receipt and replies.*

(1) Except as noted below, a final reply will be given. Replies show corrective action taken, to be taken, or that no action is necessary. Replies also give disposition of defective items and recommendations.

(2) Replies are not given to reports on unserviceable new materiel for which blanket shipping orders have been issued to return it to the vendor.

*d. Forms.* Air Force, Navy, and Defense Nuclear Agency organizations, who use Army designed or made materiel and related instructions, may send in reports on their own service form.

*e. Exhibits.*

(1) Exhibits are samples of an item, chosen to support materiel reports. Use of photographs, drawings, and supporting data in place of actual materiel exhibits is encouraged.

(2) Tag exhibits held for disposition instructions. DA Form 2402 is used (except for ammunition lots to which SB 742–1 applies) for tagging. For SB 742–1 ammunition lots, use DD Form 1575 (Suspended Tag Materiel), DD Form 1576 (Test/Modification Label Materiel), or DD Form 1577 (Unserviceable (Condemned) Tag Materiel) as needed. Mark these forms to show which report item and lot they go with. Keep them in order so they won't get lost or mixed up. If you get instructions to return the bad item(s) for checkout, mark the shipping paper and materiel like this: "Exhibit for Ammunition Condition Report No. ???." If you don't get instructions within 90 days, dispose of the exhibit(s) as you usually do. If you

cannot keep the exhibit, the activity to which the exhibit is sent must keep the exhibit.

(3) Package exhibits carefully for shipping to prevent any more damage.

(4) Take equipment apart to get exhibits only when that action is within your normal maintenance level.

#### **9-4. DA Form 2415 (Ammunition Condition Report)(RCS CSGLD-1202)**

*a. Purpose.* DA Form 2415 gives management information on unserviceable, and permanently suspended ammunition items.

*b. Use.* The DA Form 2415 is used to report ammunition other than special weapon ammunition. A DA Form 2415 may be initiated as a result of but not limited to the following actions:

(1) Ammunition inspection: Periodic inspection, receipt inspection, safety-in-storage inspection, and special inspection.

(2) Permanent suspense assignment by owning Service.

(3) As specifically requested by higher headquarters. The DA Form 2415 submittal is also contingent on satisfying conditions as established by Ammunition Condition Report (ACR) Requirement Flow Chart (fig 9-2). See figure 9-2 for more details to determine if ACR submittal is required.

*c. Preparation.*

(1) DA Form 2415 is prepared as follows:

(a) An original and six copies will be prepared for submittal to AMCCOM.

(b) For missile items, one copy is prepared for submittal to MICOM.

(2) Individual DA Forms 2415 are made for each owner of assets being reported. Individual DA Forms are made for each line item reported. More than one lot of items with the same DODAAC may be reported on the same ACR so long as associated NSN and ammunition lot number integrity are maintained.

(3) If a continuation sheet is needed to finish a report, a blank sheet of bond paper (8 1/2 by 11 inches) may be used. Each continuation sheet must be marked with the organization's name, ACR number, and date of report. This information will be placed at the top of each page. Pages will be numbered: Page ?? of ?? Pages.

(4) Instructions for filling out DA Form 2415 are in figure 9-1.

An example of a correctly filled out DA Form 2415 is also contained in figure 9-1.

*d. Disposition.* The DA Form 2415 is made in an original and six copies for submittal to AMCCOM. One copy of DA Form 2415 is prepared for MICOM. Send the forms through command channels to the appropriate addresses within 90 days of their receipt of ACRs.

#### **9-5. Ammunition peculiar equipment (APE)**

Depots will submit usage on APE Utilization Reports.

*a. Purpose.* This report gives the item manager for APE the means of getting equipment utilization data on equipment on hand, its operational status, and verification of equipment need and distribution.

*b. Use.*

(1) The preparation and use of this report is required for all APE. The use of this report may also be required for other items when directed by HQDA or other appropriate command authority.

(2) The procedures for use of this report are applicable to all Army units, organizations, and activities, including Army depots, even though property accounts for depot stock are maintained at the major subordinate command (MSC) level.

*c. Preparation.* This report will be submitted in message form using the format shown in figure 9-3 and (1) through (3) below:

(1) DD Form 173 (Joint Message Form) will be utilized for this report.

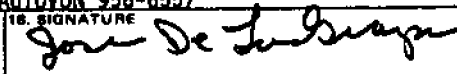
(2) This report will be submitted semiannually on 1 February and 1 August.

(3) Instructions for submitting the APE Utilization Report are in fig 9-3.

*d. Disposition.* The APE Utilization Report will be distributed as follows:

(1) Send one copy directly to the Commander, U.S. Army Armament, Munitions, and Chemical Command, ATTN:AMSMC-DSM-M, Rock Island, IL 61299. This report may be transmitted electronically or mailed provided it arrives within 10 days after the closing date of the report.

(2) One copy of this report will be maintained by the local command until it is no longer needed; but, at a minimum until it is superseded by the next semiannual report.

| AMMUNITION CONDITION REPORT                                                                                                                                        |                        |                                               |                                                                                                                       | REQUIREMENT CONTROL SYMBOL                                          |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--|
| For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG                                                                                           |                        |                                               |                                                                                                                       | CSGOLD-1020                                                         |  |
| 1. THRU: (Include ZIP Code)                                                                                                                                        |                        |                                               | 2. DATE OF REPORT                                                                                                     | 3. PAGE _____ OF _____ PAGES                                        |  |
| 4. TO: (Include ZIP Code)<br>Cdr, U.S. Army Armament Munitions & Chemical Command<br>ATTN: AMSMC-DSM-MA<br>Rock Island, IL 61299-6000                              |                        |                                               | 5. UNIT IDENTIFICATION CODE<br>W390AA-15-87                                                                           |                                                                     |  |
| 6. FROM: (Include ZIP Code)<br>Cdr, McAlester Army Ammunition Plant<br>ATTN: SMC MC-QAS<br>McAlester, OK 74501-5000                                                |                        |                                               | 7. COMMODITY<br><input type="checkbox"/> CHEM <input type="checkbox"/> GM<br><input checked="" type="checkbox"/> CONV |                                                                     |  |
| 8. NOMEN - MODEL ITEM REPORTED                                                                                                                                     | 9. PART/NSN NO.        | 10. SN/LOT NO.                                | 11. DATE OF MFG                                                                                                       | 12. QTY IN LOT                                                      |  |
| Projectile, 155mm, HE,<br>M483A1                                                                                                                                   | 1320-00-126-7339-D563  | MA-85A003-042                                 | Jan 85                                                                                                                | 2,251                                                               |  |
| 9. NOMEN - MODEL EQUIP<br>INSTALLED/USED ON                                                                                                                        | 10. PART/NSN NO.       | 11. SN/LOT NO.                                | 12. DATE OF MFG                                                                                                       | 13. QTY IN LOT                                                      |  |
|                                                                                                                                                                    |                        |                                               |                                                                                                                       |                                                                     |  |
| 14. QTY INSPECTED                                                                                                                                                  | 15. QUANTITY DEFECTIVE | 16. PRESENT COND CODE                         |                                                                                                                       | 17. ECON REPAIRABLE                                                 |  |
| 20                                                                                                                                                                 | 20                     | F                                             |                                                                                                                       | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |  |
| 18. USE<br><input checked="" type="checkbox"/> WR <input type="checkbox"/> TNG                                                                                     |                        | 19. ESTIMATED REPAIR/MAINT/DISPOSAL UNIT COST |                                                                                                                       |                                                                     |  |
|                                                                                                                                                                    |                        | DIRECT LABOR \$ GAE \$ OTHER \$               |                                                                                                                       |                                                                     |  |
| 20. DETAILS (Description, cause, action, disposition)                                                                                                              |                        |                                               |                                                                                                                       |                                                                     |  |
| a. Description:                                                                                                                                                    |                        |                                               |                                                                                                                       |                                                                     |  |
| (1) Reason for ACR Initiation: Defects noted during performance of periodic inspection.                                                                            |                        |                                               |                                                                                                                       |                                                                     |  |
| (2) Defects encountered: (SASIP 742-1320-94-250)                                                                                                                   |                        |                                               |                                                                                                                       |                                                                     |  |
| (a) outer pack: 10 percent pallet bases damaged (minor)                                                                                                            |                        |                                               |                                                                                                                       |                                                                     |  |
| (b) inner pack: N/A                                                                                                                                                |                        |                                               |                                                                                                                       |                                                                     |  |
| (c) Item: 100 percent with diamond marking mission (major). 30 percent with corrosion on fuze well threads (major). 5 percent with loose ogive/body joint (major). |                        |                                               |                                                                                                                       |                                                                     |  |
| (3) Owner account: Army/B14                                                                                                                                        |                        |                                               |                                                                                                                       |                                                                     |  |
| b. Cause: Corrosion defectives are deteriorative in nature. Other defectives are manufactured defects.                                                             |                        |                                               |                                                                                                                       |                                                                     |  |
| c. Action: Lot retained in condition Code F. ACR W390AA-02-85 previously reported unserviceable lot identified above in condition code F.                          |                        |                                               |                                                                                                                       |                                                                     |  |
| d. Disposition:                                                                                                                                                    |                        |                                               |                                                                                                                       |                                                                     |  |
| (1) Recommend renovation to condition code A.                                                                                                                      |                        |                                               |                                                                                                                       |                                                                     |  |
| (2) MCAAP has the capability to perform recommended renovation.                                                                                                    |                        |                                               |                                                                                                                       |                                                                     |  |
| e. Originator: J. Henry Blossom, QASAS, AUTOVON 956-6557                                                                                                           |                        |                                               |                                                                                                                       |                                                                     |  |
| 17. TYPED/PRINTED NAME, GRADE AND TITLE                                                                                                                            |                        |                                               | 18. SIGNATURE                                                                                                         |                                                                     |  |
| JOSE DeLaGUAPA<br>GS 1910-12, C, Ammo Surv Div                                                                                                                     |                        |                                               |                                   |                                                                     |  |

DA FORM 2415  
1 DEC 77

EDITION OF 1 JAN 64 IS OBSOLETE.

Figure 9-1. Sample of a completed DA Form 2415

Legend for Figure 9-1:

Completion instructions for DA Form 2415

(1) Thru. Put in the complete address as needed.

Date of Report. Put in date the report is finished. This date should be the same as the actual date it is sent.

Page of Page. Put in the Page Number: Page of Pages.

(4) To. Enter:

Commander

U.S. Army Armament, Munitions, and Chemical Command  
(AMCCOM)

ATTN: AMSMC-DSM-M

Rock Island, IL 61299-6000

For missile items, enter:

Commander

U.S. Army Missile Command

ATTN: AMSMI-MMC-LE

Redstone Arsenal, AL 35898-5238

(5) Unit Identification Code. Put in your UIC. List the ACR number after the UIC. For example, W1U7AA-6-87 shows the sixth ACR made in CY 1987 by unit W1U7AA.

(6) **From.** Put in your organizational name and address. (Overseas units are APO addresses.)

(7) **Commodity.** Put an "X" in the block which describes the commodity.

(8) **Nomen-Model Item Reported.** Put in the name of the item reported. If the item is a component, enter the end item in block 9.

(8a) **Part/NSN No.** Put the complete NSN and Department of Defense Identification Code (DODIC) in the block. Use a part number if no NSN is assigned.

(8b) **SN/Lot No.** Put in the lot/serial number of the item. If you don't know the lot number, use the vendor's name or symbol.

(8c) **Date of MFG.** Put in the date the item was made.

(8d) **Qty In Lot.** Put in the number of items in the lot/number of serial number you are reporting on.

(9) **Nomen-Model Equip INSTALL/ON.** List the name and model number of the end USED item if the item in block 8 is a component. If an end item is reported in block 8, no entry is needed in blocks 9 through 9d.

(9a) **Part/NSN No.** Put in the complete end item NSN.

(9b) **SN/Lot No.** Put in the end item lot/serial number.

(9c) **Date of MFG.** Put in the date the end item was made.

(9d) **Oty in Lot.** Put in the number of end items in the lot/number of serial number you are reporting on.

(10) **Qty Inspected.** Put in the total number of items looked at, processed, or tested that made the item reportable in block 8.

(11) **Quantity Defective.** Put in the number of bad items found by the inspection.

(12) **Present Cond Code.** Put in the latest federal condition code of the item. See AR 725-50.

(13) **Econ Repairable.** Put an "X" in the proper block.

(14) **Use.** Put an "X" in the proper block.

(15) **Estimated Repair/Maint/Disposal Unit Cost.** Leave blank unless needed locally.

#### Details

a. *Description:* Should include the following entries.

1. Reason for ACR initiation: For example, defects noted during performance or periodic inspection.

2. Defects encountered: That is, all defects (incidental, minor, major and critical) and frequency of defect occurrence (for example, 10 percent, 20 percent, etc.) should be noted and listed as appropriate. If needed, use photographs to help describe the item. Give part numbers, drawing numbers, and references (for example, TMs and TBs).

3. Owner/Account: List appropriate owner and account of item being reported (for example, Army/B14; Navy/NCB; Army/B64; etc.).

b. *Cause:* If appropriate, should include a brief explanation regarding the reason assets are unserviceable (for example, defectives are deteriorative in nature; improper handling procedures; latent manufactured defect; and so forth).

c. *Action:* Should include a brief description of interim action taken locally, pending receipt of final disposition to ACR (for example, lot transferred from condition code A to condition code F; report of survey initiated). Also, if applicable, the latest ACR submitted to report same items should be referenced by Unit Identification Code Control Number (for example, ACR W390AA-02-84, previously reported unserviceable lot identified above in condition code F).

d. *Disposition:* Should include your recommendation for final disposition. It should also be noted whether or not recommended action can be accomplished by the reporting installation. Note: When more space is needed, additional sheets may be used. All approving officials must show approvals or comments in this disposition position. The organization making the request and all thru addressees must use block 16 for title and signature of the approving office.

e. *Originator.* The originator's name, job title, and DSN number should be listed as the final entry.

(17) **Typed/Printed Name.** Grade and Title. Put the name, grade, or title.

(18) **Signature.** Signature of the person approving release of the report.

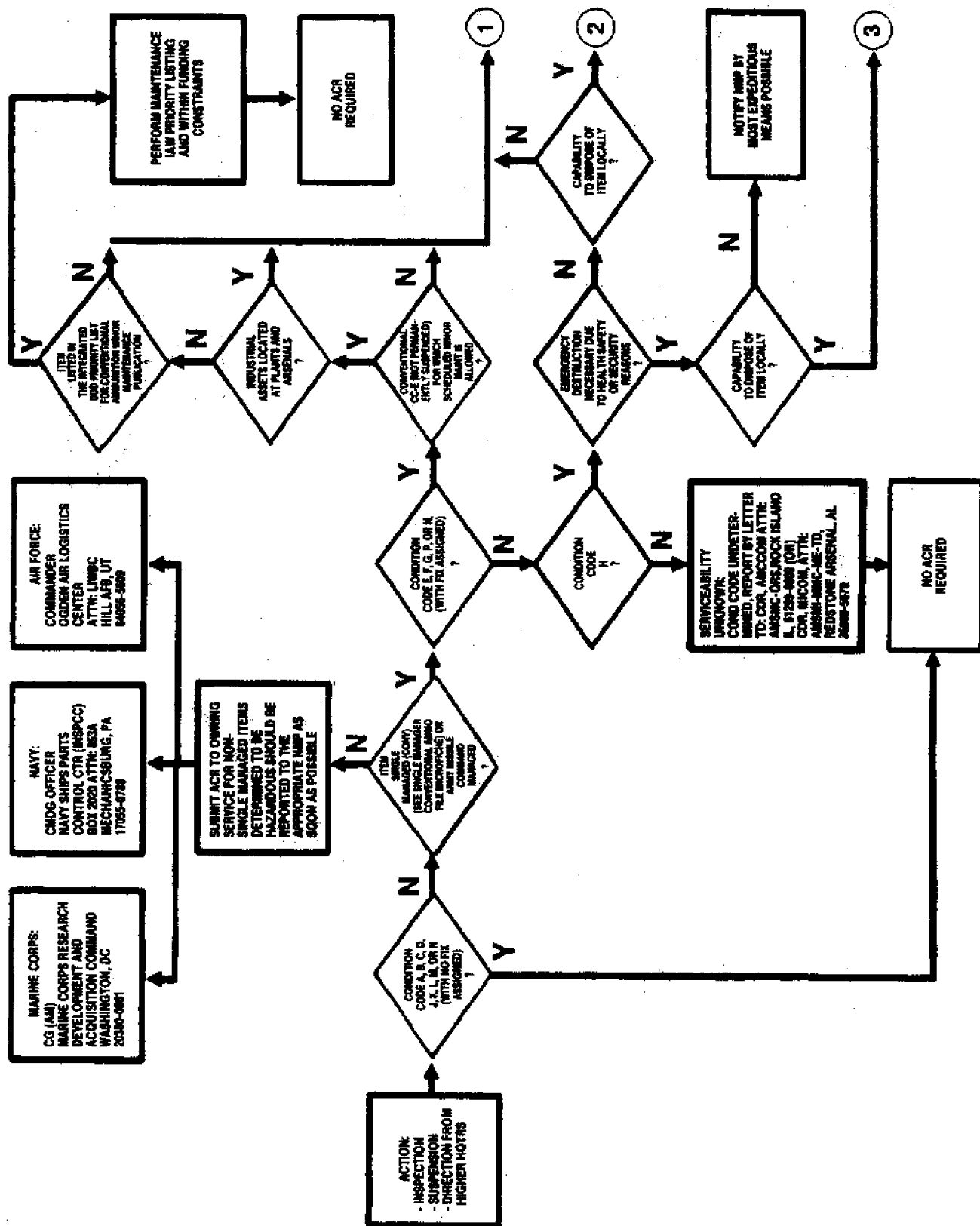


Figure 9-2. ACR Submission Requirement Flow Chart

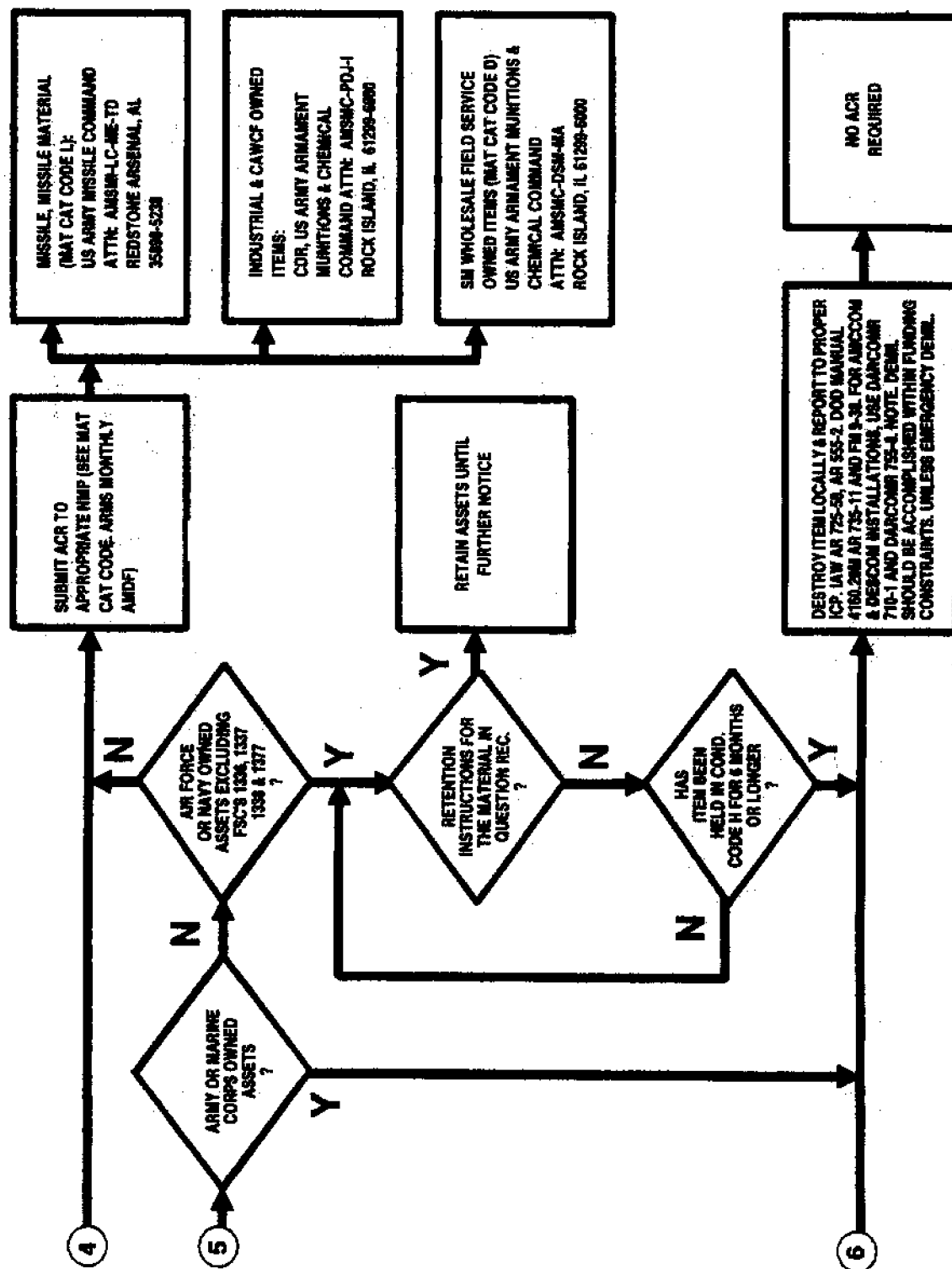


Figure 9-2. ACR Submission Requirement Flow Chart-Continued

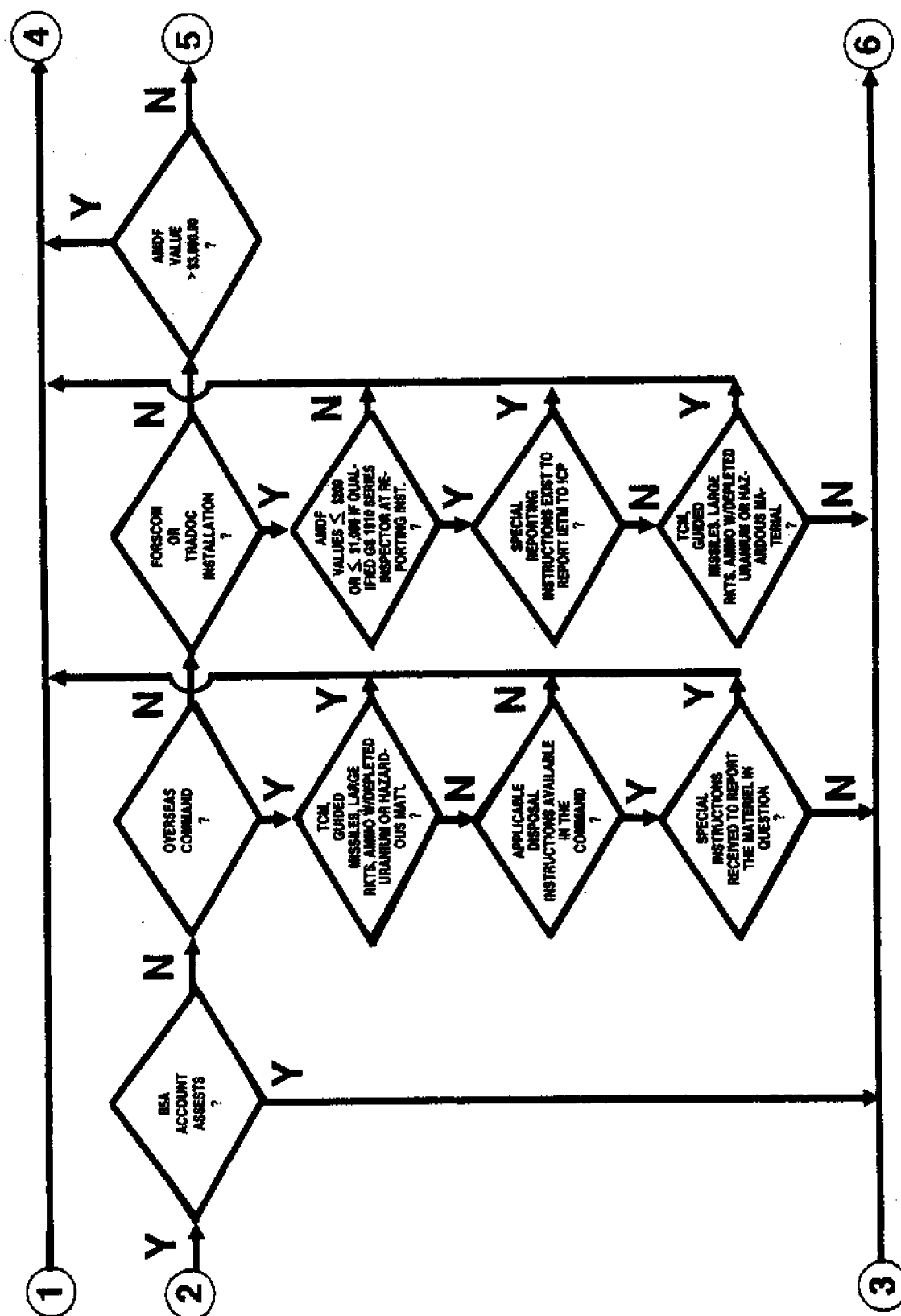


Figure 9-2. ACR Submission Requirement Flow Chart--Continued

Legend for Figure 9-2:

1. ACRs are not used to report:

a. Packaging materiel (Federal Supply Class(FSC) 8140). See AR 700-22 and Ammunition Maintenance Component and Packaging Report, FICS CSGLD 1322 (RI).

b. Ammunition malfunctions. See AR 75-1.

c. Single managed ammunition items being held because of expired shelf life. Report to Cdr, U.S. Army Armament, Munitions and Chemical Command, ATTN: AMSMC-QAS, Rock Island, IL 61299-6000.

d. Single managed ammunition items whose storage temperature

limits have been exceeded or subjected to below standard conditions. Report to Cdr, U.S. Army Armament, Munitions and Chemical Command, ATTN: AMSMC-CIAS, Rock Island, IL 61299-6000.

e. Single managed FSC-1377 cartridges, cartridge actuated devices (CADs), and propellant actuated devices (PADS). Report to Cdr, U.S. Army Armament, Munitions and Chemical Command, ATTN: AMSMC-OAS, Rock Island, IL 61299-6000.

f. Critical defectives. Lots containing critical defectives will be locally suspended, assigned CC-J, and reported to the appropriate MSC by the most expeditious means.

g. Temporarily suspended items. Report to the appropriate MSC by the most expeditious means.

h. Equipment improvement recommendations (EIRs). SF 368 is used to report EIRs.

i. Incorrect manuals, drawings, specifications, or detailed records of

ammunition to components or explosives. DA Form 2028 should be used for this purpose.

j. Serviceable, obsolete items no longer needed. Report to appropriate NICP by memorandum.

k. Items being tested.

l. Operational Redeye guided missiles without BCUs.

m. SF 368 is used to report QDRs.

n. Marine Corps ammunition placed in condition code "H" by specific notice of Ammunition Reclassification (NAR). Such ammunition may be disposed of regardless of dollar value; however, on-hand quantities must be reported in accordance with TWO24-AA-ORD-010

2. All reports and ACRs should be sent through proper command channels.

3. Non-single managed ammunition items with expired shelf life, exceeded storage limits, or CADs and PADS should be reported as required to the appropriate NICP.

| JOINT MESSAGEFORM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                |           |       |        |        |    |     |      |       | SECURITY CLASSIFICATION |      |      |                |        |              |           |       |        |        |               |                |      |  |       |    |            |  |  |  |  |  |             |                |      |     |  |    |         |  |  |  |  |  |             |            |      |  |       |    |                   |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|-------|--------|--------|----|-----|------|-------|-------------------------|------|------|----------------|--------|--------------|-----------|-------|--------|--------|---------------|----------------|------|--|-------|----|------------|--|--|--|--|--|-------------|----------------|------|-----|--|----|---------|--|--|--|--|--|-------------|------------|------|--|-------|----|-------------------|--|--|--|--|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |           |       |        |        |    |     |      |       | UNCLASSIFIED            |      |      |                |        |              |           |       |        |        |               |                |      |  |       |    |            |  |  |  |  |  |             |                |      |     |  |    |         |  |  |  |  |  |             |            |      |  |       |    |                   |  |  |  |  |  |
| PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DATE/TIME      |           |       | MONTH  |        | FR | ACT | INFO | CLASS | SPECAT                  | UNIT | LINE | ORIG MSG IDENT |        |              |           |       |        |        |               |                |      |  |       |    |            |  |  |  |  |  |             |                |      |     |  |    |         |  |  |  |  |  |             |            |      |  |       |    |                   |  |  |  |  |  |
| 01 of 01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 081730Z        |           |       | AUG    |        | AB | RR  |      | UUUU  |                         |      |      | 2201700        |        |              |           |       |        |        |               |                |      |  |       |    |            |  |  |  |  |  |             |                |      |     |  |    |         |  |  |  |  |  |             |            |      |  |       |    |                   |  |  |  |  |  |
| NO SPACE HANDLING INSTRUCTIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |           |       |        |        |    |     |      |       |                         |      |      |                |        |              |           |       |        |        |               |                |      |  |       |    |            |  |  |  |  |  |             |                |      |     |  |    |         |  |  |  |  |  |             |            |      |  |       |    |                   |  |  |  |  |  |
| <p>FROM: CDR SIAD HERLONG CA//SDSSI-DSS//</p> <p>TO: CDR AMCCON ROCK ISL IL//AMSMC-DSM-ME//</p> <p>UNCLAS</p> <p>SUBJ: AMMUNITION PERCULIAR EQUIPMENT (APE) UTILIZATION REPORT</p> <p>1. MR MEL ARNOLD/890-9505/WJGAA</p> <p>2. 3051/C</p> <p>3. 0003/S</p> <table border="1"> <thead> <tr> <th>4. AMN</th> <th>NOMENCLATURE</th> <th>SERIAL NO</th> <th>HOURS</th> <th>ROUNDS</th> <th>STATUS</th> </tr> </thead> <tbody> <tr> <td>A. 10010000M1</td> <td>MACH. VERTICAL</td> <td>0015</td> <td></td> <td>7.321</td> <td>S0</td> </tr> <tr> <td colspan="6">PULL APART</td> </tr> <tr> <td>B. 10860000</td> <td>TANK. PORTABLE</td> <td>0123</td> <td>144</td> <td></td> <td>R0</td> </tr> <tr> <td colspan="6">HOT DIP</td> </tr> <tr> <td>C. 21560000</td> <td>MACH. HAND</td> <td>8001</td> <td></td> <td>1.500</td> <td>TI</td> </tr> <tr> <td colspan="6">GRENADE DEFUZZING</td> </tr> </tbody> </table> <p>5. REMARKS: NO MAJOR DOWNTIME DUE TO EQUIPMENT FAILURE THIS REPORTING PERIOD.</p> |                |           |       |        |        |    |     |      |       |                         |      |      |                | 4. AMN | NOMENCLATURE | SERIAL NO | HOURS | ROUNDS | STATUS | A. 10010000M1 | MACH. VERTICAL | 0015 |  | 7.321 | S0 | PULL APART |  |  |  |  |  | B. 10860000 | TANK. PORTABLE | 0123 | 144 |  | R0 | HOT DIP |  |  |  |  |  | C. 21560000 | MACH. HAND | 8001 |  | 1.500 | TI | GRENADE DEFUZZING |  |  |  |  |  |
| 4. AMN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | NOMENCLATURE   | SERIAL NO | HOURS | ROUNDS | STATUS |    |     |      |       |                         |      |      |                |        |              |           |       |        |        |               |                |      |  |       |    |            |  |  |  |  |  |             |                |      |     |  |    |         |  |  |  |  |  |             |            |      |  |       |    |                   |  |  |  |  |  |
| A. 10010000M1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MACH. VERTICAL | 0015      |       | 7.321  | S0     |    |     |      |       |                         |      |      |                |        |              |           |       |        |        |               |                |      |  |       |    |            |  |  |  |  |  |             |                |      |     |  |    |         |  |  |  |  |  |             |            |      |  |       |    |                   |  |  |  |  |  |
| PULL APART                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |           |       |        |        |    |     |      |       |                         |      |      |                |        |              |           |       |        |        |               |                |      |  |       |    |            |  |  |  |  |  |             |                |      |     |  |    |         |  |  |  |  |  |             |            |      |  |       |    |                   |  |  |  |  |  |
| B. 10860000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | TANK. PORTABLE | 0123      | 144   |        | R0     |    |     |      |       |                         |      |      |                |        |              |           |       |        |        |               |                |      |  |       |    |            |  |  |  |  |  |             |                |      |     |  |    |         |  |  |  |  |  |             |            |      |  |       |    |                   |  |  |  |  |  |
| HOT DIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                |           |       |        |        |    |     |      |       |                         |      |      |                |        |              |           |       |        |        |               |                |      |  |       |    |            |  |  |  |  |  |             |                |      |     |  |    |         |  |  |  |  |  |             |            |      |  |       |    |                   |  |  |  |  |  |
| C. 21560000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MACH. HAND     | 8001      |       | 1.500  | TI     |    |     |      |       |                         |      |      |                |        |              |           |       |        |        |               |                |      |  |       |    |            |  |  |  |  |  |             |                |      |     |  |    |         |  |  |  |  |  |             |            |      |  |       |    |                   |  |  |  |  |  |
| GRENADE DEFUZZING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                |           |       |        |        |    |     |      |       |                         |      |      |                |        |              |           |       |        |        |               |                |      |  |       |    |            |  |  |  |  |  |             |                |      |     |  |    |         |  |  |  |  |  |             |            |      |  |       |    |                   |  |  |  |  |  |
| DISTR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |           |       |        |        |    |     |      |       |                         |      |      |                |        |              |           |       |        |        |               |                |      |  |       |    |            |  |  |  |  |  |             |                |      |     |  |    |         |  |  |  |  |  |             |            |      |  |       |    |                   |  |  |  |  |  |
| ORIGINATOR TYPED NAME, TITLE, OFFICE SYMBOL, PHONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |           |       |        |        |    |     |      |       | SPECIAL INSTRUCTIONS    |      |      |                |        |              |           |       |        |        |               |                |      |  |       |    |            |  |  |  |  |  |             |                |      |     |  |    |         |  |  |  |  |  |             |            |      |  |       |    |                   |  |  |  |  |  |
| M. ARNOLD/SDSSI-DSS-PPC/827-4505/                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                |           |       |        |        |    |     |      |       |                         |      |      |                |        |              |           |       |        |        |               |                |      |  |       |    |            |  |  |  |  |  |             |                |      |     |  |    |         |  |  |  |  |  |             |            |      |  |       |    |                   |  |  |  |  |  |
| TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |           |       |        |        |    |     |      |       | SECURITY CLASSIFICATION |      |      |                |        |              |           |       |        |        |               |                |      |  |       |    |            |  |  |  |  |  |             |                |      |     |  |    |         |  |  |  |  |  |             |            |      |  |       |    |                   |  |  |  |  |  |
| G. L. HILL/MAJ/TC/DSS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |           |       |        |        |    |     |      |       | UNCLAS                  |      |      |                |        |              |           |       |        |        |               |                |      |  |       |    |            |  |  |  |  |  |             |                |      |     |  |    |         |  |  |  |  |  |             |            |      |  |       |    |                   |  |  |  |  |  |
| SIGNATURE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |           |       |        |        |    |     |      |       | DATE TIME GROUP         |      |      |                |        |              |           |       |        |        |               |                |      |  |       |    |            |  |  |  |  |  |             |                |      |     |  |    |         |  |  |  |  |  |             |            |      |  |       |    |                   |  |  |  |  |  |

DD FORM 173/1 1 JAN 75

PREVIOUS EDITION IS OBSOLETE

DD FORM 173/1 1 JAN 75

Figure 9-3. Sample of a completed DD Form 173/1 (APE Message)

Legend for Figure 9-3:

Completion instructions for DD Form 173/1

Fill in heading information on form as required.

**FROM:** Enter organization and location reporting.

**TO:** CDR AMCCOM ROCK ISL IL//AMSMC-DSM-ME// (This semi-annual report may be transmitted electronically or mailed provided it arrives within 10 days after the closing date of the report.)

**1. Name/Duty phone (DSN if available)/DODAAC.** Enter the name of the individual to be contacted or additional information. Also enter the Department of Defense Activity Address Code (DODAAC).

**2. Enter Julian Date of the end of reporting period (the Date as of date).** Enter type of Usage Report Code C for periodic usage report or D for special report.(See table B-1 5, app B.)

**3. Enter the total number of pieces of APE on hand.** Enter utilization code. (See table B-7, app B.)

**4. This is a format heading line.** Under these headings, enter for each piece of equipment:

**APE Management Number (AMN).** See TM 43-000-47. Number found on DA Form 2062 (Hand Receipt/Annex Number).

**Nomenclature.** Common name of the piece of equipment as found on DA Form 2062.

**Serial Number.** Found on the piece of equipment and recorded on DA Form 2062.

**Hours(Straps).** Enter Unit of Measure for Usage Reporting (UMUR) of (H) for hours of use during this reporting period. If hours exceed the usage for one shift in a six month period, justify the excessive use in the remarks area.

**Rounds.** Enter the quantity of rounds, straps, container, tests, clips, etc., processed during this reporting period,

**Status Code.** Enter status code as a two position ALPHA character.

**First Position:**

R (Received since last reporting period.)

T (Transferred (shipped))

S (Reported on last report and is still on hand this activity.)

**Second Position:**

O (Operable)

I (Inoperable)

A separate line will be used for each piece of equipment on hand. The first line will be identified on line A, second on line B, etc. Continue the listing with ALPHA characters such as X, Y, Z, AA, AB, AC, etc. Do not list APE items with an UMUR of "N". If equipment has a UMUR of "N" it means usage is not required to be reported. N/A is not authorized for the usage report. When there is no usage, report a zero "0" under the appropriate column; hours or rounds.

**5. Remarks.** Report any other significant data as deemed appropriate.

## Chapter 10 Supply and Maintenance Assessment and Review Team (SMART)

### 10-1. General

a. This chapter announces the Supply and Maintenance Assessment and Review Team (SMART) and provides general guidance on the objectives and procedures of the program.

b. HQDA DCSLOG established Project SMART to examine, streamline, and improve unit level logistics support, particularly within division, and at direct support levels and below.

c. The U. S. Army Combined Arms Support Command (CASCOM), as the TRADOC executive agent for Project SMART, examines SMART initiatives received for the purpose of identifying, eliminating, or modifying unnecessary and complicating directives that create burdens on organizational (Motor Pool/Supply Room) related logistics. Those ideas that promise high and quick returns are recommended to the DCSLOG for implementation or testing.

d. The success of Project SMART is dependent upon—

(1) Input from the field.

(2) Command emphasis.

(a) Commanders should not attempt to filter out ideas that might not seem worthy for submission. Some of the best ideas have been simple, direct suggestions.

(b) Commanders should not demean the program through campaigns which focus on quantity. Quality ideas are most often unsolicited and spring from a desire to relieve a burden or correct an error rather than to meet a quota.

e. Project SMART is open to all members of the U.S. Army, National Guard, U.S. Army Reserve, and Department of the Army Civilians (DAC).

### 10-2. Procedures

a. DA Form 5533 (Smart Suggestion Form) is the official Form for submitting SMART initiatives. However, use of DA Form 5533 is not a requirement. Initiatives can be submitted on plain paper. Submissions should be specific in nature, and outline the who, what, where, why, how, and benefits to be gained if the initiative is adopted. It is also important that the individual submitting a suggestion include name, address, and telephone number. In many instances, it is necessary to call or write the individual in order to discuss or clarify the idea. When SMART ideas are approved, the individual who submitted the idea will receive proper credit/recognition.

b. Initiatives should be forwarded to CASCOC, ATTN:ATCL-CFI-S, Fort Lee, VA 23801-6000.

c. All SMART initiatives will be acknowledged.

d. Selected ideas adopted through SMART will be announced to the field by sequentially numbered SMART messages. Table 10-1 contains a recap of SMART messages as of publication of this UPDATE.

**Table 10-1**  
**Table 10-1 Smart Messages**

| Number | Summary                                                                                                                                                                                        | Date             |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 1      | Project SMART Overview                                                                                                                                                                         | R141616Z Apr 82  |
| 2      | DA Form 2408-1 (Equipment Daily Log) was deleted from DA Pam 738-750.                                                                                                                          | P1 61407Z Apr 82 |
| 3      | DA Form 2408-10 (Equipment Component Register). The message rescinds requirements to maintain this form for tactical vehicles, commercial vehicles, and administrative use vehicles.           | P261307Z Apr 82  |
| 4      | DA Form 2408-14. This message rescinded the requirement to maintain this form for commercial and administrative use vehicles.                                                                  | R171935Z May 82  |
| 5      | This message established procedures for consolidated cash collection at the Central Issue Facility to account for negligent losses of Organizational Clothing and Individual Equipment (OCIE). | R011814Z May 82  |
| 6      | Provides information on use of a taped phone message by Central Issue Facilities to inform customer of items temporarily out of stock.                                                         | R151915Z Jun 82  |

**Table 10-1**  
**Table 10-1 Smart Messages—Continued**

| Number | Summary                                                                                                                                                                                                                                                                                                                                                                 | Date            |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 7      | DA Form 2408-18 (Equipment Inspection List). This change deleted requirements for maintenance of this form for all equipment; less aircraft.                                                                                                                                                                                                                            | R022044Z Jul 82 |
| 8      | Informs field of a large work-flow poster, hung in the maintenance area to assist in management of shop operations by highlighting the sequence of events required to be accomplished in correcting faults.                                                                                                                                                             | R022045Z Jul 82 |
| 9      | Provides information concerning a maintenance, inspection technique which stresses precise identification of deficiencies found during roadside spot inspections against the applicable document which establishes the standard.                                                                                                                                        | R231640Z Jul 82 |
| 10     | Requires AMC Materiel Readiness Commands to sequentially number maintenance advisories so that units can determine if they have received all messages.                                                                                                                                                                                                                  | R271344Z Jul 82 |
| 11     | Announced the establishment of a "Hotline" at Logistics Evaluation Agency for field inquiries on supply and maintenance policy guidance contained in the following: AR 710-2, AR 735-5, AR 735-11, AR 735-72, AR 735-11-1, AR 735-11-3, AR 750-1, and AR 735-17.                                                                                                        | R091907Z Aug 82 |
| 12     | Deleted requirement to stencil date antifreeze was installed on equipment and announced a change to TB 750-651 concerning recording of antifreeze data.                                                                                                                                                                                                                 | R122005Z Aug 82 |
| 13     | Announced an impending change to AR 700-12 which deleted the requirement for a unit to have on hand or on requisition those items projected to be deleted from authorization.                                                                                                                                                                                           | R231243Z Aug 82 |
| 14     | Informed the field of a PLL clerk certification program used by the 1st Infantry Division.                                                                                                                                                                                                                                                                              | R101245Z Sep 82 |
| 15     | Informed the field concerning establishment of an Army Oil Analysis Program (AOAP) milk-run service to and from the customer's motor pool location and the oil analysis lab.                                                                                                                                                                                            | R041651Z Oct 82 |
| 16     | Informed the field concerning establishment of 'Free Turn-in Point' or 'No Questions Asked Day' on a periodic basis.                                                                                                                                                                                                                                                    | R051939Z Oct 82 |
| 17     | Provided information concerning utilization of MILSTRIP Advice Code 2A which notifies the wholesaler of an existing supply problem.                                                                                                                                                                                                                                     | R191206Z Oct 82 |
| 18     | Announced an impending change to TM 38-750 which incorporated the deletion forms announced in SMART messages.                                                                                                                                                                                                                                                           | R251416Z Oct 82 |
| 19     | Informed the field of Hand Receipt Holder Log Books which could assist in properly maintaining property records.                                                                                                                                                                                                                                                        | R041326Z Nov 82 |
| 20     | Announced an impending change to Catalog Data Agency (CDA) Pamphlet 18-1, Code Reference Guide for the Army Master Data File Retrieval Microform System (ARMS) Monthly Army Master Data File (AMDF), which will include for the first time an index of DA microfiche products and describe their content.                                                               | R121933Z Nov 82 |
| 21     | Provided information on use of Army Medical Department Property Accounting System (AMEDPAS) as an interim system for automating property books in TDA organizations and activities.                                                                                                                                                                                     | R122123Z Nov 82 |
| 22     | Informed the field of the 24th Division developed method for producing and using automatically produced printed status listings instead of status cards. This method of tracking requisitions has proven more effective. USALOGC is preparing a DS4 engineering change proposal which would eventually provide this option for selecting output media to all DS4 users. | R021436Z Dec 82 |
| 23     | Informed field of a modular training program which has been developed by the Fort Stewart Education Center for the 24th Division. This highly flexible program allows a unit commander to select exactly the training needed by soldiers in his unit. This program continues to expand at Fort Stewart, and has already drawn interest.                                 | R301557Z Dec 82 |
| 24     | MACOMs may deviate from AR 710-2, Paragraph 2-1e and designate subordinate TDA activities to keep Basic Loads.                                                                                                                                                                                                                                                          | R242051Z Mar 83 |
| 25     | Announced that cash awards may be received for adopted SMART ideas. Outlined the procedures that ODCSLOG and ODCSPER have worked out for recognizing individuals who submit ideas which are adopted under the SMART program. Since 20 January 1983, this arrangement has provided a vehicle for giving cash awards for approved SMART ideas.                            | R292063Z May 83 |
| 26     | Recommended that the division/separate brigade commanders implement a policy concerning the use of DD Form 1348-1 (DOD Single Line Item Release/Receipt Document) as the materiel release order (MRO) as an alternative to the keypunch cards now in use.                                                                                                               | R051645Z Apr 83 |
| 27     | Provides information on commercial parts interchangeability catalogs. Supervisors and shop foremen of commercial vehicle maintenance activities have experienced broader utilization of repair parts through multiple end item applications when commercial parts interchangeability catalogs are used.                                                                 | R111922Z Apr 83 |
| 28     | Announced that units need not replace inside rear view mirrors in M880/M890 series vehicles when two outside mirrors are present.                                                                                                                                                                                                                                       | R251538Z Apr 83 |

**Table 10-1**  
**Table 10-1 Smart Messages—Continued**

| Number | Summary                                                                                                                                                                                                                                                                                                                                                             | Date            |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 29     | Provides information on the impending change to the TK1 01 Organizational level and the MK1 976 direct support level tool kits with the addition of the AS-1 730/VRC antenna combination tool. This tool will reduce damage to receiver/transmitters, minimize equipment and system down time, reduce high dollar repair costs, and improve communications.         | R191345Z May 83 |
| 30     | Announces the new TAMMS Aviation Manual, TM 38-L21-12, which replaces Chapter 10 of the TIVI 38-750. This new manual, with a publication date of December 1983, will delete requirements to use DA Form 2408-9 for aircraft. DA Form 1352 (Army Aircraft Inventory Status and Flying Time) will provide the essential data previously duplicated on DA Form 2408-9. | R151846Z Jun 83 |
| 31     | Announces the new TAMMS manual, TM 38-L21-11, which replaces TM 38-750. This new manual, with a publication date of December 1983, will delete the requirement to use DA Form 2408-9 for ammunition peculiar equipment (APE). Usage of APE will be reported once a year by message instead of using one form for each piece of equipment.                           | R281907Z Jun 83 |
| 32     | Announces that equipment does not have to be warmed-up prior to taking an oil sample for the AOAP if the ambient temperature is above 35dF and the equipment has been operated within the last seven days.                                                                                                                                                          | R112025Z Aug 83 |
| 33     | Informs addresses that there is no requirement to repair or external telephone on the M60/M48 series tank. Currently installed telephones may be retained in service until they become unserviceable.                                                                                                                                                               | R121435Z Oct 83 |
| 34     | Provides authority to discontinue the requirement for marking the 'put-in service date' on Military Standard Batteries. A change to TM 9-6140-200-14 eliminating marking requirements is scheduled to be published in the second quarter of fiscal year 1984.                                                                                                       | R181944Z Oct 83 |
| 35     | Provides information on the availability and suitability of the 'VEELOS' (Belting, Variable Adjustable Link) Belting for temporary emergency repairs. This belt enables the operator/crew to perform a quick fix, temporary repair by replacing one or all of the systems belts thereby enhancing their ability to complete the mission.                            | R241537Z Jan 84 |
| 36     | Provided information on a Modification Work Order for ancillary exterior handles for all RCVR-XMTRS, RT-524/246. This handle replaces the standard handle which breaks out of the front panel with regularity.                                                                                                                                                      | R141641Z Feb 84 |
| 37     | Provides information concerning an optional method of marking the barrels of the M60 Machine Gun with ID Tag which painted black and wired to the bipod leg. This method is better than using paper tag which gets oil soaked or torn off.                                                                                                                          | R091620Z Mar 84 |
| 38     | Provides a policy change on oil sampling requirements when vehicles are dispatched to a location which would cause the vehicle to exceed the 1000 mile test requirement.                                                                                                                                                                                            | R221504Z Mar 84 |
| 39     | Provides information on new data which will appear on the outer envelope for microfiche to be able to identify the set, kit, or outfit the microfiche pertains to without opening the envelope.                                                                                                                                                                     | R122054Z Apr 84 |
| 40     | Provides information on a more effective way to record information when gauging petroleum storage tanks.                                                                                                                                                                                                                                                            | R291749Z Jun 84 |
| 41     | Provides supplementary Army Oil Analysis Program (AOAP) instructions on sampling of oil in ground equipment under certain specific conditions.                                                                                                                                                                                                                      | R191714Z Jul 84 |
| 42     | Authorize a replacement 3/4 Inch Drive x 15/16 Inch Impact Socket Wrench in the Basic Issue Items for each M60, M48A5, and M88 series vehicles.                                                                                                                                                                                                                     | R131845Z Sep 84 |
| 43     | Provides information concerning recessions of AR 700-98.                                                                                                                                                                                                                                                                                                            | R051156Z Oct 84 |
| 44     | Provides information concerning a rapid method of accessing Catalog Data Agency and Logistics Control Activity logistics data files to obtain instantaneous review of logistics information. Access is obtained using existing DSN, or commercial telephone lines, or electronic mail over the Defense Data Network.                                                | R161607Z Nov 84 |
| 45     | Provides information concerning computations for determining Operational Readiness Float (ORF) and Repair Cycle Float (RCF) factors and authorizations by DESCOM, AMC. Relieves MACOMs of the manual preparation of said levels and computations.                                                                                                                   | R151626Z Nov 84 |
| 46     | Announces the deletion of the yearly certification and reporting procedures for the Caliber .50 M2 Machine Gun Headspace and Timing Gauge.                                                                                                                                                                                                                          | R161605Z Nov 84 |
| 47     | Provides information concerning a change to TM 11-3895-203-15 to permit the crew to replace the cotter pin on the handle.                                                                                                                                                                                                                                           | R111525Z Feb 85 |
| 48     | Provides information concerning glass replacement in tactical vehicles.                                                                                                                                                                                                                                                                                             | R111626Z Feb 85 |
| 49     | Provides information concerning an upcoming repair procedure change for repair of leaky hydraulic couplings in the UH-60A Blackhawks.                                                                                                                                                                                                                               | R201859Z Feb 85 |
| 50     | Provides information concerning modification on M113A2 Power Trains to reduce starter failures due to moisture and corrosion.                                                                                                                                                                                                                                       | R191824Z Apr 85 |
| 51     | Announces the method of processing cash awards for adopted SMART ideas as established in SMART message number 25.                                                                                                                                                                                                                                                   | R291556Z Apr 86 |

**Table 10-1**  
**Table 10-1 Smart Messages—Continued**

| Number | Summary                                                                                                                                                                                                                                                                                                                  | Date            |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 52     | Provides information reporting overpriced repair parts and discrepancies found on the Army Master Data File (AMDF).                                                                                                                                                                                                      | R291556Z Apr 85 |
| 53     | Alerts the field on the proper battery disconnect procedure to use when disconnecting the batteries on the CUCV series vehicles.                                                                                                                                                                                         | R291554Z Apr 85 |
| 54     | Provides information concerning the fuel servicing ground rod, NSN 5975-01-050-5707.                                                                                                                                                                                                                                     | R101301Z May 85 |
| 55     | Announces the reinstatement of DA Form 2408-14 (Uncorrected Fault Record), in an impending change to DA Pam 738-750.                                                                                                                                                                                                     | R131832Z May 85 |
| 56     | Provides information concerning a UH-60A aircraft formation light Sub-Assembly.                                                                                                                                                                                                                                          | R291809Z May 85 |
| 57     | Provides information concerning a revision to TM 3-4240-279-10 on how to insure the inlet valve on the Protective Mask, M17A1, is properly installed.                                                                                                                                                                    | R111548Z Jun 85 |
| 58     | Alerts the field concerning a slide hammer replacing the sledge hammer, NSN 5120-01-013-1676.                                                                                                                                                                                                                            | R111550Z Jun 85 |
| 59     | Announces the replacement of combustion drain valve bolts on OV-ID, OV-1 B/C and RV-Id aircraft.                                                                                                                                                                                                                         | R111552Z Jun 85 |
| 60     | Provides information concerning change to the maintenance level on Power Steering Pumps for M809 Series Vehicles.                                                                                                                                                                                                        | R081540Z Jun 85 |
| 61     | Provides information concerning additional stowage space for OVM on the M929, 5 Ton Dump Truck.                                                                                                                                                                                                                          | R081544Z Jul 85 |
| 62     | Announces an impending change to present run-up requirements for Army Aircraft in a flyable storage status.                                                                                                                                                                                                              | R131335Z Aug 85 |
| 63     | Offers members of the Army Community an opportunity to share examples of locally devised computer logistical applications for possible SMART adoption Army-wide.                                                                                                                                                         | R251512Z Sep 85 |
| 64     | Alerts the field an approved valve engineering proposal (VEP) number V82-036, which permits units to apply a rubber covering to the fuel part of the UH-58 helicopter.                                                                                                                                                   | R251913Z Sep 85 |
| 65     | Provides information concerning the use of a multiviscosity 15W40 lubricating oil.                                                                                                                                                                                                                                       | R251852Z Nov 85 |
| 66     | Announces an improved tire inflation gauge to be added to the number 1 and number 2 common shop sets.                                                                                                                                                                                                                    | R251853Z Nov 85 |
| 67     | Provides information concerning an expedient, portable shower.                                                                                                                                                                                                                                                           | R162045Z Jan 86 |
| 68     | Alerts the field concerning substitution of common hardware for quick-disconnect couplings in UH-1 H helicopter transmissions.                                                                                                                                                                                           | R291017Z Jan 86 |
| 69     | Provides information concerning a simple way to reduce damage to tank ammo during transfer operations.                                                                                                                                                                                                                   | R181940Z Feb 86 |
| 70     | Alerts the field concerning issue of rotary tailbooms from Corpus Christi Army Depot (CCAD)                                                                                                                                                                                                                              | R221433Z Apr 86 |
| 71     | Offers members of the Army another invitation to share examples of locally devised personal computer logistical applications.                                                                                                                                                                                            | R282057Z Apr 86 |
| 72     | Clarify procedures for disposing of broken hand tools with a value of \$5.00 or less.                                                                                                                                                                                                                                    | R191704Z Aug 86 |
| 73     | Provides information concerning a change to GTA 25-6-9, to prevent destruction of J1 cable on MGS.                                                                                                                                                                                                                       | R011822Z Aug 86 |
| 74A    | Provide information concerning a change to components of the softball set, mens, NSN:7810-00-271-1752, LIN: T94041 authorized by CTA 50-909.                                                                                                                                                                             | R191641Z Sep 86 |
| 74B    | Alerts the field concerning a change to TM 9-2820-289-34, commercial utility cargo vehicle (CUCV), which will provide procedures for testing the CUCV alternator on the 500 AMP generator/alternator tester located at the DS and GS level. This procedure will provide for testing under load using the 500 AMP tester. | R281828Z Jul 87 |
| 75     | NOT USED.                                                                                                                                                                                                                                                                                                                |                 |
| 76     | Provides information to users of the M872 series semitrailer of a new cargo tie down device.                                                                                                                                                                                                                             | R131942Z Aug 87 |
| 77     | Provides information on new gauging procedure for the M16 rifle which will be included in a future change to TM 9-1005-249-24&P.                                                                                                                                                                                         | R231515Z Oct 87 |
| 78     | Announces a pending change to TM 55-1520-210-23-1 on lubricating the Tail Rotor Hub and Blade Grip Bearings on UH-10/H/V/EH-1H helicopters.                                                                                                                                                                              | R071307Z Apr 88 |
| 79     | A Project SMART information message providing helpful information on removal of the Drive Sprocket Hubs on the M1 Abrams tank.                                                                                                                                                                                           | R111930Z Apr 88 |
| 80     | Provided information to the field on requisitioning replacement headlights for tactical vehicles.                                                                                                                                                                                                                        | R111300Z May 88 |
| 81     | To announce a new procedure for units to challenge stocking parts required by DA Pamphlets 710-2-117 through 710-2-120. Consolidated mandatory parts lists.                                                                                                                                                              | P301709Z Jun 88 |

**Table 10-1**  
**Table 10-1 Smart Messages—Continued**

| Number | Summary                                                                                                                                                                                                                                                                                      | Date            |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 82     | To announce that procedures have been changed to allow the tarpaulin for the M872 SemiTrailer to be requisitioned as a separate item rather than as a kit which includes the bows. Also, the SMR code for the tarpaulin will be changed to reflect it is repairable at organizational level. | P091959Z Jun 88 |
| 83     | An information message to inform the field that the DOL at Fort Devens has developed an automated program which assists in managing excess. The program operates independently of current standard systems.                                                                                  | P221952Z Nov 89 |
| 84     | To announce that the U.S.Communications–Electronics Command has approved the optional use of an antenna connector for use on the AS–3438/G antenna.                                                                                                                                          | P211702Z Nov 89 |
| 85     | To inform the field that the U.S. Army TMDE Support Center has approved dropping the calibration requirement for some Pulse Generators.                                                                                                                                                      | P191830Z Jan 90 |
| 86     | Provides units with advance notice on an approved change to the NSN of the Light Mark to be used with the M4T6 Floating Bridge.                                                                                                                                                              | P182998Z Sep 90 |
| 87     | Announces a change to configuration of the M2 Burner used in the M59 Cabinet and Mobile Kitchen Trailer.                                                                                                                                                                                     | P261755Z Sep 90 |
| 88     | An information message to inform the field of an upcoming change to the BOIP for the Turret Mechanics Supplement tool Kit (LIN T57366) BOIP Number 81–0281–S, NSN 4931–01–115–5307.                                                                                                          | P161648Z Oct 90 |
| 89     | Provides concerned units with information of availability of Repair Kit for M172A1 Trailer Brake Cam Shaft Bushing.                                                                                                                                                                          | P181816Z Apr 91 |
| 90     | An information message to inform the Field that the U.S. Army Tank–Automotive Command has authorized the Removal/ Replacement of the M548 FOV Power Plant Wiring Harness at the organizational maintenance level.                                                                            | P181814Z Apr 91 |
| 91     | Emphasizes the HQDA policy for MACOM and Locally Authorized Modification of Equipment.                                                                                                                                                                                                       | P241558Z Jun 91 |
| 92     | NOT USED                                                                                                                                                                                                                                                                                     |                 |
| 93     | Purpose to Increase Emphasis on Tangible Savings.                                                                                                                                                                                                                                            | P142015Z Oct 92 |

## Chapter 11

### Submitting Equipment Improvement Reports(EIR), Product Quality Deficiency Reports (PODR), and Initial Failure of Stock Funded Depot Level Repairables (SFDLR)

#### 11-1. General

This chapter provides procedures for submitting Equipment Improvement Reports, Product Quality Deficiency Reports, and Initial Failure of Stock Funded Depot Level Repairables.

#### 11-2. Reporting

*a.* The SF Form 368 is a multi-use form used for reporting—

(1) Product quality deficiencies in repair parts, components, assemblies, weapon systems, equipment, and software.

(2) Deficiencies due to design, manufacturing, depot level overhaul, or maintenance.

(3) Suggested ideas or recommendations for improvements to equipment.

*b.* The SF Form 368 is used to specifically report—

(1) A condition in or with equipment that is dangerous to people, other equipment, or missions.

(2) An item or equipment that does not work right or last as long as it should because of bad design or materials.

(3) Items that are not within the size, material, hardness, finish, or performance limits of the approved equipment specifications.

(4) Low quality workmanship.

(5) Dangerous situations due to incorrect or missing data.

(6) Maintenance problems.

(7) Conditions that keep you from using the equipment.

(8) Repeated problems that take a lot of your time and a solution is not in sight.

(9) Problems asked to be reported by the National Maintenance Point (NMP). When such requests are made, the SF Form 368 is used to verify the problem and how bad it is.

(10) Corrosion problems in or on parts, components, assemblies, weapon systems, and equipment.

*c.* Fill out an SIT Form 368 to—

(1) Get disposition instructions for credit, replacement, or repair of defective items.

(2) Stop repeat shipments of defective items.

(3) Get corrective action.

(4) Improve the performance and maintenance of the equipment.

(5) Identify problems, trends, and recurring deficiencies.

*d.* Do not use the SF Form 368 to report—

(1) Items purchased locally. Use local procedures for these items.

(2) Security assistance items after they have been received by the foreign government. (See AR 12-12.)

(3) Medical materiel. (See DLAR 4155.28.)

(4) Subsistence materiel. (See AR 30-12 and AR 40-660.)

(5) Preservation, packaging, packing, or marking errors. (See AR 735-11-2.)

(6) Shipping type errors such as overages, shortages, wrong item received, or expired shelf life. Report those problems on the SF Form 364 (Report of Discrepancy (ROD)). (See AR 735-11-2.)

(7) Transportation type errors such as shortage, loss, or damage during transportation. (See AR 55-38.)

(8) Materiel that fails due to inadequate user (including operator and DS/GS maintenance) maintenance, improper operation, and normal wear and tear.

(9) Malfunctions involving ammunition and explosives. (See AR 75-1.)

(10) Warranty claim actions (WCAs). WCAs are submitted on DA Form 2407.

*e.* DA Pam 738-751 prescribes the use of the SF Form 368 for aviation equipment: aircraft, aviation managed ground support equipment, and aviation life support equipment.

#### 11-3. Use and preparation of an SF Form 368

This paragraph provides instruction for reporting quality deficiencies and recommendations for improving equipment using either the SF

Form 368, message, or electronic mail.

*Note.* Note. New procedures have been added at paragraph 11-6 to improve the control of exhibits and issuing of credit for SFDLR that fail on initial use.

</paratext>

a. The person who discovers a defect or has an equipment improvement recommendation is responsible for reporting it on an SF Form 368. Prepare the SF Form 368 as complete as possible. Do not delay sending the form due to missing information or local staffing.

b. Product quality defects and equipment improvement recommendations fall into the following two categories:

(1) *Category I.*

(a) *Explanation.* A defect that may cause death, injury, or severe job illness; would cause loss or major damage to a weapon system; or critically restricts the combat readiness capabilities of the unit. Improvement recommendations that prevent death, injury, or severe job illness; prevent loss or major damage to a weapon system, or would affect the combat readiness of the unit are also Category I.

(b) *Processing.* Prepare and forward a message format SF Form 368 (fig 11-3), to the proper MSC in figures 11-6 through 11-12, within 48 hours after you have found the defect or problem. If needed information does not apply to the problem being reported, enter N/A in the appropriate section of the message. The message should be priority and unclassified. Category I reports may be phoned in or brought in for immediate assistance but must be followed by a message within the 48 hour timeframe. The MSC acknowledges receipt and begins screening stocks within 24 hours of receipt of your report.

(2) *Category II.*

(a) *Explanation.* A defect or recommendation that does not meet the criteria of a Category I.

(b) *Processing.* Prepare and forward the original SF Form 368 to the proper MSC in figures 11-6 through 11-12 within 5 working days after you have found the defect or problem. The report or recommendation may be sent by the SF Form 368 format of figure 11-1, the message format of figure 11-3, or by electronic mail using the SF Form 368 electronic facsimile.

**MAT CAT Position 1: B, E, F, J, R, S, T  
or FSC:**

1070-1080, 1510-1740, 1860-2305, 2620, 2810-2840,  
3110-3230, 3455-3770, \* 3820, 3830-3845, 3915, 3940,  
3960, \*\* 3990, 4010-5210, 5305-5430, 6115-6116, 6210-6350  
6605-6610, 6620, 6630-6640, 6670-6675, 6810-6850, 6930,  
7105-7720, 8145, 8305-8475, 9110-9160, 9310-9999

**Send to:**

Commander  
U.S. Army ATCOM (TROOP)  
ATTN: AMSAT-I-MDO  
4300 Goodfellow Blvd  
St. Louis, MO 63120-1798  
DODAAC: W81D18

**Call in Category I Reports (life, limb or combat ability endangered)  
or send message to:**

**Call:**

DSN 693-1955  
Comm: (314) 263-1955

**Electronic Mail Box:**

KHUDSON@ST-LOUIS-EMH7.ARMY.MIL

**Send Message:**

CDR ATCOM ST LOUIS MO//AMSAT-I-MDO//  
Info to: CDR AMC ALEX VA//AMCQA-P//

For Category I messages and SF Forms 368 on Aviation items, see DA Pam 738-751.

**Notes:**

\* Well drilling equipment only.  
\*\* Cargo net only.

Figure 11-6. ATCOM (TROOP)

**MAT CAT Position 1: D or M  
or FSC:**

1005-1055, 1090-1270, 1285-1330, \* 1336, \*\* 1340,  
1345-1398, \*\*\* 2320 and 2350, 3405-3450, 3611, 3620,  
3645, 3650, 3660-3685, 3690, 3693-3695, 4921-4925,  
4931-4933, 4940, 5220-5280, 6650, 6665, 6920, 8140

**Send to:**

Commander U.S. Army AMCCOM  
ATTN: AMSMC-QAD-I (R)  
Rock Island, IL 61299-6000  
DODAAC: W52HIC

**Call in Category I Reports (life, limb or combat ability endangered)  
or send message to:**

**Call:**

DSN 793-7580 ext 733  
Comm: (309) 782-7580 ext 733

**Electronic Mail Box:**

AMCCOM.DRS@RIA-EMH1.ARMY.MIL

**Send Message to:**

CDR AMCCOM ROCK ISLAND IL//AMSMC-QAD//  
Info to: CDR AMC ALEX VA//AMCQA-P//

**Notes:**

\* To determine correct address for particular NSN's under FSC 1336, check the  
AMDF for position 1 of the MAT CAT.  
\*\* Except free rockets.  
\*\*\* SP artillery and antiaircraft guns only.

Figure 11-7. AMCCOM

**MAT CAT Position 1: G, P, Q, U  
or FSC:**

2596, 2598, 2691, 5450, 5805, 5810, 5811,  
5815-6080, 6105, 6110, 6125-6145, 6605, 6615, 6625,  
6680, 6660, 6695-6780, 6920, 6940-7050, 7450, 7550, 8130.

**Send to:**

Commander  
U.S. Army CECOM  
ATTN: AMSEL-PA-MA-D  
Ft. Monmouth, NJ 07703-5000  
DODAAC: W15P6Z

**Call in Category I Reports (life, limb or combat ability endangered)  
or send message to:**

**Call:**

DSN 992-3808  
Comm: (201) 532-3808  
24-Hour HOTLINE:  
DSN 992-1276  
Comm: (201) 532-1276

**Electronic Mail Box:**

AMSEL-PA-M@MONMOUTH-EMH2.ARMY.MIL

**Send Message:**

CDR CECOM FT MONMOUTH NJ//AMSEL-PA-MA-D//  
Info to: CDR AMC ALEX VA//AMCQA-P//

Figure 11-8. CECOM

**MAT CAT Position 1: H  
or FSC:**

1510-1730, 2810, 2840, 2915, 2925, 2935,  
2945, 2995, 3110-3130, 4920,  
5303-5365, 6340, 6605, 6610, 6615, 6620.

**Send to:**

Commander  
U.S. Army ATCOM (AIR)  
ATTN: AMSAT-I-MDO  
4300 Goodfellow Blvd  
St. Louis, MO 63120-1798  
DODAAC: W81D18

**Call In Category I Reports (life, limb or combat ability endangered)  
or send message to:**

Call:  
DSN 693-1955  
Comm: (314) 263-1955

**Electronic Mail Box:**

KHUDSON@ST-LOUIS-EMH7.ARMY.MIL

**Send Message:**

CDR ATCOM ST LOUIS MO//AMSAT-I-MDO  
Info: CDR AMC ALEX VA//AMCQA-P//

For Category I messages and SF Forms 368 on Aviation items, see DA  
PAM 738-751.

Figure 11-9. ATCOM (AIR)

**MAT CAT Position 1: K  
or FSC:**

2310-2315, \* 2320 and 2350, 2325-2340, 2410-2430,  
2510-2590, 2610, 2630-2805, 2815, 2910, 2920, 2930,  
2940, 2950, 3020, 3040, 3110-3130, 3805-3815, \*\* 3820, 3825, 3830,  
3895, 3910, 3930, 3950, \*\* 3990, 4310, 5430.

**Send to:**

Commander  
U.S. Army TACOM  
ATTN: AMSTA-QRD  
Warren, MI 48397-5000  
DODAAC: W81D19

**Call In Category I Reports (life, limb or combat ability endangered)  
or send message to:**

Call:  
DSN 786-5422  
Comm: (313) 574-5422

**Electronic Mail Box:**

TACOMDRS@TACOM-EMH1.ARMY.MIL

**Send Message:**

CDR TACOM WARREN MI//AMSTA-QRD//  
Info to: CDR AMC ALEX VA//AMCQA-P//

**Notes:**

- \* Except SP artillery and antiaircraft guns.
- \*\* Except well drilling equipment.
- \*\*\* Except cargo nets.

Figure 11-10. TACOM

**MAT CAT Position 1: L  
or FSC:**

1280, \* 1336, \*\* 1340, 1337, 1338, 1410-1450, 1810-1850,  
2845, 4960, 6920, 4935, 8140, 9135.

**Send to:**

Commander  
U.S. Army MICOM  
ATTN: AMSMI-MMC-CS-AC  
Redstone Arsenal, AL 35898-5180  
DODAAC: W81D17

**Call In Category I Reports (life, limb or combat ability endangered)  
or send message to:**

Call:  
DSN 746-3279  
Comm: (205) 876-3279

**Electronic Mail Box:**

CFO@REDSTONE-EMH2.ARMY.MIL

**Send Message:**

CDR MICOM REDSTONE ARS AL//AMSMI-MMC-CS-AC//  
Info to: CDR AMC ALEX VA//AMCQA-P//

**Notes:**

- \* To determine correct address for particular NSN's under FSC 1336, check the  
AMDF for position 1 of the MAT CAT.
- \*\* Free rockets only.

Figure 11-11. MICOM

**MAT CAT Position 1: U  
or FSC:**

5810

**Send to:**

Commander  
U.S. Army CECOM Communications Security Logistics Activity  
ATTN: SELCL-LO-D  
Ft. Huachuca, AZ 85613-7090  
DODAAC: W61QL1

**Call In Category I Reports (life, limb or combat ability endangered)  
or send message to:**

Call:  
DSN 879-8261  
Comm: (602) 538-8261

**Electronic Mail Box:**

CSLA-LAD@MONMOUTH-EMH2.ARMY.MIL

**Send Message to:**

CDRUSACSLA FORT HUACHUCA AZ//SELCL-LO-D//  
Info to: CDRCECOM FORT MONMOUTH NJ//AMSEL-PA-MA-D//

Figure 11-12. CECOM CSLA

c. Handling procedures are as follows:

(1) *Special handling procedures for software.* When you know a problem is associated with software, complete the SF Form 368 per the preparation instructions for figure 11-2.

(2) *Telephone numbers and mailing addresses for the SF Form 368 (figs 11-6 through 11-12).* The MSC will be identified by either the MATCAT or the FSC as shown below:

(a) The MATCAT can be found by looking up the national item identification number (the NSN without the first four numbers) on the AMDF. The MATCAT is a five-position code on the AMDF. Figures 11-6 through 11-12 break out the responsible MSC by the first position code of the MATCAT.

(b) The FSC is the first four numbers of an NSN. Figures 11-6 through 11-12 also give the responsible MSCs by FSC.

(c) For computer software deficiencies, use the MATCAT or the FSC for the equipment on which the software is loaded.

(3) Keep one copy of the SF Form 368 until the case is closed by the Army screening point. Retention of the document beyond that date for historical records and eventual disposition of the hard copy should be at the discretion of the originating activity.

(4) Send one copy of the SF Form 368 to the support maintenance activity. If required locally, also send, a copy of the SF Form 368 responses to the maintenance support unit.

d. The SF Form 368 is not to be returned to the sender or delayed simply because it is not clean or contains spelling, grammar, or punctuation errors.

e. To send in an SF Form 368 will not be withheld even though—

(1) Other units in the command sent in an SF Form 368 on the same subject or problem.

(2) DA or the manufacturer, command, or correspondence indicates that they already know about the subject or problem.

*Note.* Note. Equipment improvement recommendations are not needed when the corrective action is printed in the Equipment Improvement Report and Maintenance Digest (TB 43-0001—series).

f. If you decide to submit an SF Form 368 to recommend an equipment improvement, you should also think about submitting your idea as a suggestion (see AR 672-20).

g. Order blank SF Forms 368 through your supply support using NSN 7540-00-133-5541.

#### 11-4. Exhibits

a. When the SF Form 368 is used to report a deficiency, the item being reported is required to be held by the user. These items or samples of items are known as exhibits and are used to support investigation of the defect by the MSC responsible for the class of materiel.

b. Exhibits must not be taken apart at organizational or support maintenance levels just to see what caused the problem. If the condition is found during authorized disassembly, the exhibit will be put back together in the original condition. Everything part of or adding to the failure should be kept for investigation, analysis, and support of the SF Form 368. When contaminated fluids are drained for preservation, include a sample with the exhibit.

*Note.* Note. In all cases, blocks 22 or 23 of the SF Form 368 will identify the exhibit holding point, the name of a point of contact, and both commercial and government (DSN, FTS, etc.) phone numbers.

c. Retention of exhibits is as follows:

(1) Each exhibit will be tagged with DD Form 1575 (fig 11-4) and DD Form 2332 (Materiel Deficiency Exhibit) (fig 11-5), and classified in a suspended supply condition code (see AR 725-50 and table C-28).

(2) Each exhibit will be kept by the originator of the SF Forms 368 for at least 60 days or until disposition instructions are received from the responsible MSC. If after 60 days, shipping or disposition instructions have not been received, a follow-up may be conducted with the appropriate MSC.

(3) Exhibits will be secured and/or segregated from all other materiel.

d. Shipping of exhibits is as follows:

(1) When the responsible MSC needs an exhibit for investigation and research, the request will be sent through the supporting maintenance unit. Exhibits will not be released to contractors without orders from the item manager of the MSC responsible for the materiel.

(2) The tagged exhibits, along with a copy of the SF Form 368 report, will be adequately packaged, including necessary bracing and cushioning, to ensure safe delivery to the destination. ASTM 3951-88 may be used for exhibit packaging and marking guidance. The outside of the package will be clearly marked "To Be Opened In The Presence of a Government Representative" and will also be marked "PQDR Exhibit/Report Control Number ???"

(3) Category I PQDR exhibits will be shipped priority designator (PD) 03 within 3 days after notification; Category II PQDR exhibits will be shipped PD 06 within 6 days after notification. If specific shipping priority instructions are not provided for an exhibit to be returned after completion of the investigation, then PD 09 will be used. DOD Directive 4410.6 is applicable.

(4) Notify appropriate MSC of shipment of exhibits.

e. Disposition of exhibits is as follows:

(1) If you do not receive disposition orders within 60 days from the date on the SF Form 368, and it is not being followed up, dispose of the exhibit using current supply procedures. If you are told disposition orders are coming, keep the exhibit until you get the orders. When you use the normal supply procedures to dispose of the equipment, ensure that the condition code has been changed from a suspended condition code to a reclassified condition code as shown in AR 725-50, table C-28.

(2) Disposition instructions from the MSC will show the assigned SF Form 368 report control number. The orders will also give accountability and disposition information. To keep track of the exhibit during processing, the SF Form 368 report control number will go on all property and shipping papers.

#### 11-5. Addresses for the SF Forms 368

a. Send Category I messages and SF Forms 368 to the addresses listed in figures 11-6 through 11-12. These addresses are the screening points where all SF Forms 368 are to be sent, regardless of who furnished the item to you. The screening point is identified in Position 1 of the MATCAT in the AMDF for each Army NSN. If you cannot locate the NSN in the AMDF, use the item's FSC.

b. These addressees supersede any forwarding addresses for SF Forms 368 in equipment TMs.

c. If a decision cannot be made as to where the report should go, send it to: Director, USAMC Logistics Support Activity, AT-TN:AMXLS-RBP, Redstone Arsenal, AL 35898-7466.

#### 11-6. Reporting initial failure of SFDLR

This paragraph provides instructions for reporting initial failures of SFDLR.

a. *Explanation.*

(1) *Initial failure.* An initial failure occurs if the first time an SFDLR is used it does not work and the failure is not caused by accident, misuse, improper operation, improper installation, unauthorized repair, or alteration.

(2) *Depot level repairable (DLR).* A DLR is an item with a maintenance repair code of D or L or an automatic return item code of C, E, R, or S.

b. *Processing.*

(1) Do not tamper with the item. If you do, you will not get initial failure credit.

(2) Determine if the initial failure of the SFDLR meets the criteria for a Category I or Category II defect. Follow the procedures in paragraph 11-3 for Category I or Category II defects in addition to the further requirements for an Initial Failure of an SFDLR.

(3) Prepare an SF Form 368 and explain completely what happened in block 22. Also write the words "INITIAL FAILURE CLAIM" in block 22. If the QDR or EIR is a Category I, include the date/time group of the message in block 22 (see figure 11-1).

(4) Call your Army Materiel Command (AMC) Logistics Assistance Office (LAO) and tell the appropriate MSC logistics assistance representative (LAR) that you have an initial failure item that needs to be looked at. You and the LAR will work as a team to solve an initial failure problem.

(5) The LAR looks up the NSN of the failed item and checks the AMDF to verify that it is a DLR.

(6) The LAR examines the failed item and determines that it is a initial failure based on what he sees, what you tell him, and what your documentation shows. If the LAR agrees that it is an initial failure, he or she will write "INITIAL FAILURE-YES" in block 22, sign, and date the SF Form 368 in the same block (see figure 11-1).

(7) If the item doesn't meet the criteria for an initial failure, follow the normal SF Form 368 process.

(8) Make 7 copies of the original SF Form 368. Put a copy in your files and give a copy to the LAR for his files. Send the original to the appropriate MSC. Pack the failed item carefully and place a copy of the SF Form 368 inside the box. Put the remaining 4 copies in a packing envelope and attach it to the boxed item.

(9) Prepare a DD Form 1348-1, put it in a separate envelope, and attach it to the boxed item. Turn in the entire package to your supply personnel, who will give you a free replacement, order a new

item, or give you partial credit for the failed item according to the policies of your command. The remaining credit will be given to your command.

(10) When the final DD Form 1348-1 is prepared by the retail collection point (usually the installation or DOL) to return the failed

item to an AMC depot, be sure to write the DD Form 1348-1 document number in block 22 of the remaining QDRs. The retail collection point needs to express mail or datafax a copy of the SF Form 368, containing the final DD Form 1348-1 document number, to the appropriate MSC, listed in figures 11-6 through 11-12. This is the only way to ensure 100 percent credit from AMC for the failed item.

| PRODUCT QUALITY DEFICIENCY REPORT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                             |                           |                                                                                                                                       |                                                           | <input type="checkbox"/> CATEGORY I <input checked="" type="checkbox"/> CATEGORY II                      |                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------|
| 1a. FROM (Originator)<br>HQ 105 Spt Bn<br>Fort Knox, KY 40121<br>DODAAC: W22PLM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                             |                           | 2a. TO (Screening Point)<br>Commander, U.S. Army Tank-Automotive Command<br>ATTN: AMSTA-QRT<br>Warren, MI 48397-5000 DODAAC: W56H2V   |                                                           |                                                                                                          |                   |
| 1b. NAME, TELEPHONE NO. AND SIGNATURE<br>MARVIN HALL<br>DSN: 687-1234                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                             | 1c. DATE<br>10 Oct 92     |                                                                                                                                       | 2b. NAME, TELEPHONE NO. AND SIGNATURE                     |                                                                                                          | 2c. DATE          |
| 3. REPORT CONTROL NO.<br>WK4FFF920001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | 4. DATE DEFICIENCY DISCOVERED<br>10 Oct 92                  |                           | 5. NATIONAL STOCK NO. (NSN)<br>2920-00-335-4678                                                                                       |                                                           | 6. NOMENCLATURE<br>Regulator                                                                             |                   |
| 7a. MANUFACTURER/CITY/STATE<br>XYZ Corporation<br>Richmond, VA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                             | 7b. MFRS. CODE<br>CXZ-497 |                                                                                                                                       | 7c. SHIPPER/CITY/STATE<br>XYZ Corporation<br>Richmond, VA |                                                                                                          | 8. MFRS. PART NO. |
| 9. SERIAL/LOT/BATCH NO.<br>639-486                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | 10a. CONTRACT NO.<br>DAAD-05-C-79-KX                        |                           | 10b. PURCHASE ORDER NO.                                                                                                               |                                                           | 10c. REQUISITION NO.<br>W22PLM63620302                                                                   |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                             |                           |                                                                                                                                       |                                                           | 10d. GBL NO.<br>UNK                                                                                      |                   |
| 11. ITEM<br><input checked="" type="checkbox"/> NEW <input type="checkbox"/> REPAIRED/<br>OVERHAULED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 12. DATE RECD. MFRD. RE-<br>PAIRED, OR OVERHAULED<br>UNK    |                           | 13. OPERATING TIME AT<br>FAILURE<br>170                                                                                               |                                                           | 14. GOVERNMENT FURNISHED MATERIAL<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |                   |
| 15. QUANTITY<br>271                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | a. RECEIVED<br>271                                          |                           | b. INSPECTED<br>225                                                                                                                   |                                                           | c. DEFICIENT<br>46                                                                                       |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                             |                           |                                                                                                                                       |                                                           | d. IN STOCK<br>UNK                                                                                       |                   |
| 16. DEFICIENT<br>ITEM<br>WORKS<br>ON/WITH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | a. END ITEM<br>(Aircraft,<br>mower,<br>etc.)<br>M-151 Truck |                           | (1) TYPE/MODEL/SERIES                                                                                                                 |                                                           | (2) SERIAL NO.<br>2000-9939                                                                              |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | b. NEXT<br>HIGHER<br>ASSEMBLY                               |                           | (1) NATIONAL STOCK NO. (NSN)<br>2320-00-542-4783                                                                                      |                                                           | (2) SERIAL NO.<br>2000-9939                                                                              |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                             |                           | (2) NOMENCLATURE<br>Truck M-151                                                                                                       |                                                           | (3) PART NO.<br>N/A                                                                                      |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                             |                           | (4) SERIAL NO.<br>2000-9939                                                                                                           |                                                           |                                                                                                          |                   |
| 17. UNIT COST<br>\$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 18. ESTIMATED REPAIR COST<br>\$                             |                           | 19a. ITEM UNDER WARRANTY<br><input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> UN-<br>KNOWN |                                                           | 19b. EXPIRATION DATE                                                                                     |                   |
| 20. WORK UNIT CODE/EIC (Navy and Air Force Only.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                             |                           |                                                                                                                                       |                                                           |                                                                                                          |                   |
| 21. ACTION/DISPOSITION<br><input checked="" type="checkbox"/> HOLDING EXHIBIT FOR 55 DAYS <input type="checkbox"/> RELEASED FOR INVESTIGATION <input type="checkbox"/> RETURNED TO STOCK <input type="checkbox"/> DISPOSED OF <input type="checkbox"/> REPAIRED <input type="checkbox"/> OTHER (Explain in Item 22)                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                             |                           |                                                                                                                                       |                                                           |                                                                                                          |                   |
| 22. DETAILS (Describe, to best ability, what is wrong, how and why, circumstances prior to difficulty, description of difficulty, cause, action taken, including disposition, recommendations. Attach copies of supporting documents. Continue on separate sheet if necessary.)<br>a. Utilization Code: 0<br>b. Failure detected during normal operation of vehicle<br>c. Stopped working<br>d. TM 9-2320-218-34P<br>e. Normal use of vehicle in cross country travel<br>f. The voltage regulator has failed in 46 of 271 vehicles on hand. All failures have occurred with less than 8000 miles. 139 of 271 have 5000 or more miles.<br>g. Unknown<br>h. Photograph of the defective regulators are attached. |  |                                                             |                           |                                                                                                                                       |                                                           |                                                                                                          |                   |
| 23. LOCATION OF DEFICIENT MATERIAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                             |                           |                                                                                                                                       |                                                           |                                                                                                          |                   |
| 24a. TO (Action Point)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                             |                           | 25a. TO (Support Point) (Use Items 26 and 27 if more than one)                                                                        |                                                           |                                                                                                          |                   |
| 24b. NAME, TELEPHONE NO. AND SIGNATURE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                             |                           | 24c. DATE                                                                                                                             |                                                           | 25b. NAME, TELEPHONE NO. AND SIGNATURE                                                                   |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                             |                           |                                                                                                                                       |                                                           | 25c. DATE                                                                                                |                   |
| 26a. TO (Support Point)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                             |                           | 27a. TO (Support Point)                                                                                                               |                                                           |                                                                                                          |                   |
| 26b. NAME, TELEPHONE NO. AND SIGNATURE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                             |                           | 26c. DATE                                                                                                                             |                                                           | 27b. NAME, TELEPHONE NO. AND SIGNATURE                                                                   |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                             |                           |                                                                                                                                       |                                                           | 27c. DATE                                                                                                |                   |

368-102  
NSN 7540-00-133-5541

STANDARD FORM 368 (REV. 10-85)  
GENERAL SERVICES ADMINISTRATION  
(FPMR 101-26.8)

Figure 11-1. Sample of a completed SF 368 report for equipment deficiencies

Legend for Figure 11-1:

Completion instructions for SF 368 Report for equipment deficiencies (Section I is completed by the writer.)

**Block Instructions.** Mark the Category II box (All Category I deficiency reports must be sent in by message). Provide as much of the

following information as possible. Much of the data can be found below the bar code symbol located on the item or package. Submit the report even if all data is not available.

(1a) From. In addition to your unit, location, and ZIP Code or APO

number, enter your Department of Defense Activity Address Code (DODAAC).

**(1b) Name.** Type or print your name and duty phone (include DSN or FTS and Commercial numbers).

**(1c) Date.** Type or print current calendar date, for example, 10 Oct 92.

**(2a) To.** Put in the command and address from figures 11–6 through 11–12.

**(2b) Name.** Leave blank.

**(2c) Date.** Leave blank.

**(3) Report Control Number.** Put in the DODAAC of your unit (6 places) followed by the calendar year (2 places). Then give the number of SFs 368 you have sent in during the calendar year (4 places). For example, the first SF 368 for 1993 sent in by a unit with DODAAC WK4FFF would be WK4FFF930001.

**(4) Date Deficiency Discovered.** Calendar date; for example, 10 Oct 92.

**(5) National Stock Number.** Put in the NSN of the bad item.

**(6) Nomenclature.** Put in the name of the bad component/item.

**(7a) Manufacturer/City State.** Put in the name of the manufacturer, contractor, or government unit that made or repaired the bad item, if you know it, as well as the city and state.

**(7b) Manufacturer's Code.** Put in the code of the manufacturer, contractor, or government unit that made or repaired the bad item.

**(7c) Shipper/City/State.** Put in the name of the shipper, as well as the city and state.

**(8) Manufacturer's Part Number.** Put in the manufacturer's part number, if available. (Leave blank if an NSN is in Block 5.)

**(9) Serial/Lot/Batch Number.** If known, put in a serial, lot, or batch number of the bad item(s). Lot numbers are used for ammunition items since serial numbers do not apply.

**(10a) Contract Number.** Give the contract number.

**(10b) Purchase Order Number.** Give the purchase order number.

**(10c) Requisition Number.** Give the requisition number.

**(10d) GBL Number.** Give the GBL number.

**(11) Item Is New or Overhauled.** Check the proper block if the item is new or has been overhauled.

**(12) Date Received, Manufactured, Repaired, or Overhauled.** Give the date received, manufactured, repaired, or last overhaul date, if known.

**(13) Operating Time at Failure.** Tell how long the equipment had been run when the problem was found. That is, how many miles, cycles, hours, or EFC rounds were on the equipment or component. For vehicles bought by GSA, put in the date the vehicle was first used.

**(14) Government Furnished Material.** Mark the "NO" box. Only contractors mark the "YES" box.

**(15) Quantity.** In the 4 blocks under quantity, enter the actual number of each item, not the unit of issue. That is, give the actual number of items being reported, no matter what the unit of issue is.

**(15a) Received.** Put in the total number of items in the lot or batch in which the defect was found, if you know it.

**(15b) Inspected.** Put in the number of items looked at.

**(15c) Deficiency.** Put in the number of items found to be bad after the inspection.

**(15d) In Stock.** Put the number of the items in stock, if known.

**(16) Deficient Item Works On/With:**

**(16a) End Item**

(1) Show type/ model/series of the end item or commodity that the bad item is used with or on (for example, M16A1 Rifle or 105mm Howitzer M 102). Also list the NSN.

(2) Show the serial number of the end item when the item listed in Block 5 is part of an end item.

**(16b) Next Higher Assembly.** If the bad item is part of a next higher assembly (NHA), put in the NHA:

(1) NSN.

(2) Name.

(3) Part number.

(4) Serial number. Lot numbers are used for ammunition items (serial numbers do not apply).

**(17) Unit Cost.** Put in the dollar value of the bad item, if you know it. Use the AMDF price. List the unit price of one item.

**(18) Estimated Repair Cost.** Put in the estimated cost (including overhead) to fix all of the bad items, if you know it. This cost can be found by multiplying the cost to fix one bad item by the number of bad items.

**(19a) Item Under Warranty.** Check proper box.

**(19b) Expiration Date.** Put in the expiration date of the warranty.

**(20) Work Unit Code/EIC.** Put in the code for the maintenance unit doing the maintenance:  
O—Unit.

F—Direct Support (DS).

H—General Support (GS).

D—Depot.

L—Special Repair Activity.

**(21) Action/ Disposition.** Check one of the blocks to show the type of the action taken or asked for. If an exhibit is held, show the number of days it will be held (at least 55). If none of the items show the action taken or asked for, check "other." Then show the type of action taken or asked for in item 22.

**(22) Details.** Put in the following information. If you need more space, use a continuation sheet. Be sure to put the Report Control Number (Block 3) on the continuation sheet.

a. *Utilization Code:* Put in the proper utilization code. See table B–6. For vehicles in administrative use, use code "V".

b. *Failure Detected During:* Show when the failure was found. That is, during scheduled maintenance, test, storage, normal operation, inspection, or handling.

c. *First Indication of Trouble:* Tell about the conditions present when the first sign of trouble was noticed. That is, stopped working, got too hot or noisy, lost adjustment, did not perform as needed, didn't hold frequency, etc.

d. *TM Number:* To help identify the item, list the TM number, date, and latest change number. Also list the TM page, figure, and item number.

e. *Circumstances prior to difficulty:* Put in all the details of what was happening before the equipment failed. These details will help the investigator. Be sure to tell about any modifications directly related to the problem. Any other information you think might help the investigator should also be given here.

f. *Description of difficulty:* Write a brief, but thorough description of the problem or need.

g. *Cause:* Outline the most likely cause of the problem or need for improvement.

h. *Action taken:* Give a short summary of what you did to correct the problem or improve the equipment. If an item is fixed and put back in service, describe the repair, or if available, give pictures or drawings. List exhibit information: exhibit held, destroyed, or turned in to supply.

i. *Recommendations:* Give any suggestions to help stop problems, improve the equipment, or change instructions.

Note: The following information is provided for Initial Failures of SFDLR:

j. If the failed item is an Initial Failure of a SFDLR, the person who discovers the defect writes: "INITIAL FAILURE CLAIM".

k. If the QDR/EIR is a Category I, include the date/time group of the message in block 22.

l. If the LAR agrees that the failed item is an Initial Failure, he writes, "INITIAL FAILURE—YES", then signs and dates the form.

m. The Retail Collection point includes the final DD Form 1348–1 turn in document number.

**(23) Location of Deficient Materiel.** Enter the unit name, location, and ZIP Code or APO number where the deficient materiel is located.

Note: Sketches and pictures should be attached as needed to help explain the condition or equipment improvement.

| PRODUCT QUALITY DEFICIENCY REPORT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                     |                                                                       |                                                                                                                | <input type="checkbox"/> CATEGORY I <input checked="" type="checkbox"/> CATEGORY II                                   |                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------|
| 1a. FROM (Originator)<br>COMMANDER, B BTRY 1/43 ADA<br>FT. BLISS, TX 79916<br>(DODAAC)<br>W80FMC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                     |                                                                       | 2a. TO (Screening point)<br>COMMANDER, U.S. ARMY MICOM<br>ATTN: AMSHI-QA-CF<br>REDSTONE ARSENAL, AL 35898-5290 |                                                                                                                       |                    |
| 1b. NAME, TELEPHONE NO. AND SIGNATURE<br>SPC Goodperson (915) 568-4444<br>DSN 978-4444                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                     | 1c. DATE                                                              | 2b. NAME, TELEPHONE NO. AND SIGNATURE                                                                          |                                                                                                                       | 2c. DATE           |
| 3. REPORT CONTROL NO.<br>W80FMC900002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4. DATE DEFICIENCY DISCOVERED       | 5. NATIONAL STOCK NO. (NSN)                                           | 6. NOMENCLATURE<br>PDB2 Update Diagnostics                                                                     |                                                                                                                       |                    |
| 7a. MANUFACTURER/CITY/STATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                     | 7b. MPFRS. CODE                                                       | 7c. SHIPPER/CITY/STATE                                                                                         |                                                                                                                       | 8. MPFRS. PART NO. |
| 9. SERIAL/LOT/BATCH NO.<br>PDB2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                     | 10a. CONTRACT NO.                                                     | 10b. PURCHASE ORDER NO.                                                                                        | 10c. REQUISITION NO.                                                                                                  | 10d. GBL NO.       |
| 11. ITEM<br><input type="checkbox"/> NEW <input type="checkbox"/> REPAIRED/OVERHAULED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     | 12. DATE RECD. MPFRD RE. PAIRED, OR OVERHAULED                        |                                                                                                                | 13. OPERATING TIME AT FAILURE                                                                                         |                    |
| 15. QUANTITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                     | a. RECEIVED                                                           | b. INSPECTED                                                                                                   | c. DEFICIENT                                                                                                          | d. IN STOCK        |
| 16. DEFICIENT ITEM WORKS ON/WITH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | a. END ITEM (Aircraft, motor, etc.) | (1) TYPE/MODEL/SERIES<br>PATRIOT Missile System<br>Radar Set ANMPQ-53 |                                                                                                                |                                                                                                                       | (2) SERIAL NO.     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | b. NEXT HIGHER ASSEMBLY             | (1) NATIONAL STOCK NO. (NSN)                                          | (2) NOMENCLATURE                                                                                               | (3) PART NO.                                                                                                          | (4) SERIAL NO.     |
| 17. UNIT COST<br>\$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                     | 18. ESTIMATED REPAIR COST<br>\$                                       |                                                                                                                | 19a. ITEM UNDER WARRANTY<br><input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN |                    |
| 19b. EXPIRATION DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                     |                                                                       |                                                                                                                |                                                                                                                       |                    |
| 20. WORK UNIT CODE/EIC (Navy and Air Force Only.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                     |                                                                       |                                                                                                                |                                                                                                                       |                    |
| 21. ACTION/DISPOSITION<br><input type="checkbox"/> HOLDING EXHIBIT FOR _____ DAYS <input type="checkbox"/> RELEASED FOR INVESTIGATION <input type="checkbox"/> RETURNED TO STOCK <input type="checkbox"/> DISPOSED OF <input type="checkbox"/> REPAIRED <input type="checkbox"/> OTHER (Explain in Item 22)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                     |                                                                       |                                                                                                                |                                                                                                                       |                    |
| 22. DETAILS (Describe, to best ability, what is wrong, how and why, circumstances prior to difficulty, description of difficulty, cause, action taken, including disposition, recommendations. Attach copies of supporting documents. Continue on separate sheet if necessary.)<br><br>Problem found during maintenance. When running utilization code zero, interrupt option 17 in the DA mode was accidentally selected. This resulted in the computer going into an endless loop looking for the line printer. The system had to be "rebooted" to break from the loop. The exhibit is still being used. Recommend an error routine be inserted to check for a Line Printer. If a Line Printer is not detected, an alert be displayed and the software be brought back to the Mode Selection Menu. |                                     |                                                                       |                                                                                                                |                                                                                                                       |                    |
| 23. LOCATION OF DEFICIENT MATERIAL<br>Commander, B Btry 1/43 ADA<br>Ft. Bliss, TX 79916                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                     |                                                                       |                                                                                                                |                                                                                                                       |                    |
| 24a. TO (Action Point)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                     |                                                                       | 25a. TO (Support Point) (Use Items 26 and 27 if more than one)                                                 |                                                                                                                       |                    |
| 24b. NAME, TELEPHONE NO. AND SIGNATURE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                     | 24c. DATE                                                             | 25b. NAME, TELEPHONE NO. AND SIGNATURE                                                                         |                                                                                                                       | 25c. DATE          |
| 26a. TO (Support Point)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                     |                                                                       | 27a. TO (Support Point)                                                                                        |                                                                                                                       |                    |
| 26b. NAME, TELEPHONE NO. AND SIGNATURE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                     | 26c. DATE                                                             | 27b. NAME, TELEPHONE NO. AND SIGNATURE                                                                         |                                                                                                                       | 27c. DATE          |

 768-102  
 NSN 7540-00-132-5541

 STANDARD FORM 368 (REV. 10-83)  
 GENERAL SERVICES ADMINISTRATION  
 (FPMR 101-26.8)

Figure 11-2. Sample of a completed SF 368 report for computer software deficiencies

Legend for Figure 11-2:

Completion instructions for SF 368 report for computer software deficiencies

(Section I is completed by the writer.)

Block Instructions. Mark the Category II box (all Category I deficiency reports must be sent in by message).

Leave all blocks blank except:

(1a) From. In addition to your unit, location, and ZIP Code or APO

number, enter your Department of Defense Activity Address Code (DODAAC).

**(1b) Name.** Type or print your name and duty phone (include DSN or FTS and commercial numbers).

**(1c) Date.** Type or print current calendar date, for example, 10 Oct 92.

**(2a) To.** Put in the command and address from figures 11–6 through 11–12. Use the MATCAT or FSC for the equipment used with the computer software.

**(2b) Name.** Leave blank.

**(2c) Date.** Leave blank.

**(3) Report Control Number.** Put in the DODAAC of your unit (6 places) followed by the calendar year (2 places). Then give the number of SFs 368 you have sent in during the calendar year (4 places). For example, the first SF 368 for 1992 sent in by a unit with DODAAC WK4FFF would be WK4FFF920001.

**(4) Date Deficiency Discovered.** Calendar date, for example 10 Oct 92.

**(6) Nomenclature.** Put in the name of the computer software if available, e.g., PDB–2 initialization software.

**(9) Serial/Lot/Batch Number.** Enter the build number of the software being used.

**(16) Deficient Item Works On/With:**

**(16a) End Item.**

(1) Show type of end item and the model/series of the hardware that the computer software is used on (for example, PATRIOT missile system, ECS).

(2) Leave blank.

**(22) Details.** Put in the following information. If you need more space,

use a continuation sheet. Be sure to put the Report Control Number (block 3) on the continuation sheet.

(a) Failure Detected During. Show when the failure was found. That is, during scheduled maintenance, test, storage, normal operation, inspection, or handling.

(b) First Indication of Trouble. Tell about the conditions present when the first sign of trouble was noticed. That is, stopped working, did not perform as needed, false targets, etc.

(c) Circumstances Prior to Difficulty. Put in all the details of what was happening before the trouble started. Include the hardware configuration/set up. These details will help the investigator. Be sure to tell about any modifications directly related to the problem. Any other information you think might help the investigator should also be given here. Attach hard copy printout or other information when possible. Classified information may be kept by originators as exhibits. No classified information may be entered on the SF 368 or mailed with it.

(d) Description of Difficulty. Write a thorough description of the problem including the effects on the user, mission, or equipment.

(e) Cause. Outline the most likely cause of the problem or need for improvement.

(f) Action Taken. Give a short summary of what you did to correct the problem. List exhibit information, i.e., exhibit held, destroyed, or turned into supply.

(g) Recommendations. Give any suggestions to help stop problems, improve the equipment, or change instructions.

**(23) Location of Deficient Materiel.** Enter the unit name, location, and ZIP Code or APO number where the deficient materiel is located.

Note: Sketches and pictures should be attached as needed to explain the condition or equipment improvement, especially when exhibits are not available.

| JOINT MESSAGEFORM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                          |       |    |            |      | SECURITY CLASSIFICATION |        |     |     |                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-------|----|------------|------|-------------------------|--------|-----|-----|----------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                          |       |    |            |      | UNCLAS                  |        |     |     |                |
| PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DTG/RELEASE TIME                         |       |    | PRECEDENCE |      | CLASS                   | SPECAT | LMF | CIC | ORIG MSG IDENT |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DATE TIME                                | MONTH | YR | ACT        | INFO |                         |        |     |     |                |
| 01 of 03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                          | NOV   | 92 | PP         | PP   | UUUU                    |        |     |     |                |
| BOOK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MESSAGE HANDLING INSTRUCTIONS            |       |    |            |      |                         |        |     |     |                |
| N0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                          |       |    |            |      |                         |        |     |     |                |
| <p>FROM: CO A TRIP B/1 ARM CAV FT KNOX KY//</p> <p>TO: CDRATCOM ST LOUIS MO//AMSAT-I-MDO//</p> <p>INFO CDRAMC ALEXANDRIA VA//AMCQA-P//</p> <p>UNCLAS</p> <p>SUBJ: CATEGORY I EIR - HYDRAULIC CONTROL PUMP</p> <p>1. POINT OF CONTACT FOR ADDITIONAL INFORMATION IS RAY BOSS, CPT, FC, DSN 464-4321, WK4FFF.</p> <p>2. N/A</p> <p>3. WK4FFF840001</p> <p>4. 13 NOV 92</p> <p>5. 1650-00-295-4672</p> <p>6. IMPELLER, PUMP, HYDRAULIC</p> <p>7. XYZ CORP, RICHMOND, VA</p> <p>A. CXZ-497</p> <p>B. ZYZ CORPORATION, RICHMOND, VA</p> <p>8. N/A</p> <p>9. 693-486</p> |                                          |       |    |            |      |                         |        |     |     |                |
| DISTR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                          |       |    |            |      |                         |        |     |     |                |
| DRAFTER TYPED NAME TITLE OFFICE SYMBOL PHONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                          |       |    |            |      | SPECIAL INSTRUCTIONS    |        |     |     |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                          |       |    |            |      |                         |        |     |     |                |
| RELEASE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | TYPED NAME TITLE OFFICE SYMBOL AND PHONE |       |    |            |      | SECURITY CLASSIFICATION |        |     |     |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | SIGNATURE                                |       |    |            |      |                         |        |     |     |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                          |       |    |            |      | DATE TIME GROUP         |        |     |     |                |

DD FORM 1 MAR 79 173/2 (OCR)

PREVIOUS EDITION IS OBSOLETE  
S/N D102-LF-000-1796

\*U.S. GPO: 1990-256-363

Figure 11-3. Sample of category I SF 368 Message Format

| JOINT MESSAGE FORM                                                                                                                                                                                                                                                                                                                |                  |       |    |     |            |                         |       |        |     | SECURITY CLASSIFICATION<br>UNCLASSIFIED |                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------|----|-----|------------|-------------------------|-------|--------|-----|-----------------------------------------|----------------|
| PAGE                                                                                                                                                                                                                                                                                                                              | DTG/RELEASE TIME |       |    |     | PRECEDENCE |                         | CLASS | SPECAT | LWF | CIC                                     | ORIG/MSG IDENT |
| 2                                                                                                                                                                                                                                                                                                                                 | DATE-TIME        | MONTH | YR | ACT | INFO       |                         |       |        |     |                                         |                |
| 3                                                                                                                                                                                                                                                                                                                                 |                  |       |    |     |            |                         |       |        |     |                                         |                |
| BOON MESSAGE HANDLING INSTRUCTIONS                                                                                                                                                                                                                                                                                                |                  |       |    |     |            |                         |       |        |     |                                         |                |
| 10. DAAD-05-C-69<br>FROM:<br>A. UNK<br>TO:<br>B. W220PLN63620302<br>C. UNK<br>11. OVERHAULED<br>12. UNK<br>13. 459 IRS<br>14. YES<br>15. TWO (2)<br>A. TWO (2)<br>B. TWO (2)<br>C. ONE (1)<br>D. TWO (2)<br>16. A. (1) TANK M60, NSN 2350-00-116-9765<br>B. NHA<br>(1) 3110-00-647-5303<br>(2) PUMP, HYDRAULIC CONTROL<br>(3) N/A |                  |       |    |     |            |                         |       |        |     |                                         |                |
| DISTR                                                                                                                                                                                                                                                                                                                             |                  |       |    |     |            |                         |       |        |     |                                         |                |
| ORAFTER TYPED NAME, TITLE OFFICE SYMBOL PHONE                                                                                                                                                                                                                                                                                     |                  |       |    |     |            | SPECIAL INSTRUCTIONS    |       |        |     |                                         |                |
| TYPED NAME, TITLE OFFICE SYMBOL AND PHONE                                                                                                                                                                                                                                                                                         |                  |       |    |     |            |                         |       |        |     |                                         |                |
| RELEASE                                                                                                                                                                                                                                                                                                                           | SIGNATURE        |       |    |     |            | SECURITY CLASSIFICATION |       |        |     | DATE TIME GROUP                         |                |

DD FORM 173/3 (OCR)  
1 MAR 78

PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980  
S/N 0109/L F-800-1730

U.S. G.P.O. 1984-442-616

Figure 11-3. Sample of category I SF 368 Message Format—Continued

| JOINT MESSAGE FORM                                                                                                                                                                                                                                                                                                                                                                                                                  |                               |       |    |            |      |                         | SECURITY CLASSIFICATION<br>UNCLASSIFIED |     |                 |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------|----|------------|------|-------------------------|-----------------------------------------|-----|-----------------|---------------|
| PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                | DTG/RELEASE TIME              |       |    | PRECEDENCE |      | CLASS                   | SPECAT                                  | LAF | CIC             | ORGANIS IDENT |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                   | DATE-TIME                     | MONTH | YR | ACT        | INFO |                         |                                         |     |                 |               |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3                             |       |    |            |      |                         |                                         |     |                 |               |
| BOOK                                                                                                                                                                                                                                                                                                                                                                                                                                | MESSAGE HANDLING INSTRUCTIONS |       |    |            |      |                         |                                         |     |                 |               |
| <p>(4) 14216</p> <p>17. 850 TO:</p> <p>18. UNK</p> <p>19. UNK</p> <p>20. F</p> <p>21. 55</p> <p>22. A. 0</p> <p>B. INSPECTION</p> <p>C. NOISY</p> <p>D. TM 9-2320-228-24P, 26 JAN 71, PG 136, FIG 62</p> <p>F. N/A</p> <p>G. IMPELLER SEPARATED DURING ENGINE RUN UP.</p> <p>H. UNK</p> <p>(.) REPLACED PUMP. EXHIBITS WILL BE HELD. SF 368 WILL BE SUBMITTED WITH PHOTOS.</p> <p>(I) NONE</p> <p>23. CO A T B/1 CAV FT KNOX KY</p> |                               |       |    |            |      |                         |                                         |     |                 |               |
| DISTR.                                                                                                                                                                                                                                                                                                                                                                                                                              |                               |       |    |            |      |                         |                                         |     |                 |               |
| DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE                                                                                                                                                                                                                                                                                                                                                                                     |                               |       |    |            |      | SPECIAL INSTRUCTIONS    |                                         |     |                 |               |
| TYPED NAME, TITLE, OFFICE SYMBOL, AND PHONE                                                                                                                                                                                                                                                                                                                                                                                         |                               |       |    |            |      |                         |                                         |     |                 |               |
| RELEASER                                                                                                                                                                                                                                                                                                                                                                                                                            | SIGNATURE                     |       |    |            |      | SECURITY CLASSIFICATION |                                         |     | DATE TIME GROUP |               |

DD FORM 173/3 (OCR) 1 MAR 78 PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980 S/N 1102-LF 000-1710 U.S. G.P.O. 1984-447-616

Figure 11-3. Sample of category I SF 368 Message Format—Continued

Legend for Figure 11-3:

*Completion instructions for Category I SF 368 Report Message Format*

**From (your unit):** Put in unit, location.

**Info:** As needed.

**Subject Category I EIR (Equipment description).**

**(1) Point of Contact.** Name and Duty Phone (to include DSN or FTS and Commercial numbers). Put in the name of the person to be reached for more information and/or to ask for an exhibit/sample.

**(2) Put In N/A.**

**(3) Report Control Number.** Put in the DODAAC of your unit (6 places), followed by the calendar year (2 places). Then give the number of SFs 368 you have sent in during the calendar year (4 places). For example, the first SF 368 for 1993 sent in by a unit with DODAAC WK4FFF would be WK4FFF930001.

**(4) Date Defect Found.** Calendar date.

**(5) National Stock Number.** Put in the NSN of the bad item.

**(6) Nomenclature.** Enter the name of the bad component/ item.

**(7) Manufacturer/City/State.** Put in the name of the manufacturer, contractor, or Government unit that made or repaired the bad item, if you know it, as well as the city and state.

a. *Manufacturer's Code.* Put in the code of the manufacturer, contractor, or Government unit that made or repaired the bad item.

b. *Shipper/City/State.* Put in the name of the shipper, as well as the city and state.

**(8) Manufacturer's Part Number.** Put in the manufacturer's part number, if it's available. Put N/A if an NSN has been assigned to the item.

**(9) Serial/Lot/Batch Number.** If known, put in the serial, lot, or batch number of the bad item(s). Use lot numbers for ammunition items since serial numbers do not apply.

**(10a) Contract Number.** Give the contract number.

a. *Purchase Order Number.* Give the purchase order number.

b. *Requisition Number.* Give the requisition number.

c. *GBL Number.* Give the GBL number.

(11) **Item Is Now or Repaired/Overhauled.** Note if the materiel is new, has been repaired, or overhauled.

(12) **Date Received, Manufactured Repaired, or Overhauled.** Give the date received, manufactured, repaired, or last overhaul date if known.

(13) **Operating Time at Failure.** Tell how long equipment has been run when the problem was found. That is, how many miles, cycles, hours, or EFC rounds were on the equipment or components. For vehicles bought by GSA, put in the date the vehicle was first used.

(14) **Government Furnished Materiel.** Enter "NO." Only contractors enter "YES."

(15) **Quantity.** Put in the total number of each item, not the unit of issue. That is, give the actual number of items being reported, no matter what the unit of issue is.

a. *Received.* Put in the total of items in the lot or batch in which the bad item was found, if you know it.

b. *Inspected.* Put in the number of items looked at.

c. *Deficient.* Put in the number of items found to be bad after the inspection.

d. *In Stock.* Put in the number of items in stock, if you know it.

**(16) Deficient Items Works On/With:**

a. *End Item.* Show type/model/series of the end item or commodity that the bad item is used with (for example, M16A1 Rifle or 105mm Howitzer M102). Show the serial number of the end item, if you have it. List the NSN.

b. *Higher Assembly.* If the bad item is part of a next higher assembly (NHA), put in the NHA:

(1) NSN.

(2) Name.

(3) Part Number.

(4) *Serial Number.* Lot numbers are used for ammunition items since serial numbers do not apply.

(17) **Unit Cost.** Put in the dollar value of the bad item, if you know it. Use the AMDF price. List the unit price of one item.

(18) **Estimated Repair Cost.** Put in the estimated cost (including overhead) to fix all of the bad items listed. You can find this cost by multiplying the cost to fix one bad item times the number of bad items. If you know the actual cost, enter that.

(19) **Item under Warranty.** Enter "YES" if the item is under warranty. Put the expiration date of the warranty in parenthesis; e.g., (1993). Put "NO" if it's not. Put "UNK", if you don't know.

(20) **Work Unit Code/EIC.** Put in the code for the maintenance unit doing the maintenance:

O—Unit.

F—Direct Support (DS).

H—General Support (GS).

D—Depot.

L—Special Repair Activity.

(21) **Action/Disposition.** List the type of action being done or asked for. If an exhibit is held, show the number of days (at least 55) it will be held. If none of the items show the action done or asked for, list "other" and show the type of action in item 22.

(22) **Details.** Give the following information.

a. *Utilization Code.* Put in the proper utilization code from Table B-6. For vehicles in administrative use, use code "V".

b. *Failure Detected During.* Show when the problem was found (for example, during scheduled maintenance, test, storage, normal operation, inspection, or handling).

c. *First Sign of Trouble.* Describe the conditions when the first sign of trouble was noticed. That is, stopped working, got too hot or noisy, lost adjustments, didn't perform as needed, didn't hold frequency, etc.

d. *TM Number.* To help identify the item, list TM number, date, and latest change number. Also, list the TM page, figure, and item number.

e. *Circumstances Prior to Difficulty.* Put in all the details of what was happening before the equipment failed. These details will help the investigators. Be sure to tell if any modifications are directly related to the problem. Any other information you think might help the investigator should also be given.

f. *Description of Difficulty.* Give a brief, but thorough description of the problem.

g. *Cause.* Outline the most likely cause of the problem.

h. *Action Taken.* Give a short summary of what you did to correct the problem. If an item is fixed and put back in service, describe the repair. List exhibit information: exhibit held, destroyed, pictures or drawings made, or item turned into supply.

i. *Recommendations.* Give any suggestions to improve equipment, stop future failures, improve design, and modify or revise instructions.

Note: If an SIF 368 is sent in as a result of an accident or is safety related, note in block 22 if a DA Form 285 (U.S. Army Accident Investigation Report) has been sent in and give the date it was sent.

(23) **Location of Deficient Materiel.** Enter the unit name, location, and ZIP Code or APO number where the deficient materiel is located.

|                                                                                                                                                                                                     |                                    |                                    |                               |                      |                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|------------------------------------|-------------------------------|----------------------|----------------|
| <b>WARNING:</b> Unauthorized persons removing, defacing, or destroying this tag may be subject to a fine of not more than \$1,000 or imprisonment for not more than one year or both. (18 USC 1361) | NSN, PART NO. AND ITEM DESCRIPTION |                                    | <b>SUSPENDED TAG-MATERIEL</b> |                      |                |
|                                                                                                                                                                                                     | 2920-00-909-2483<br>ALTERNATOR     |                                    |                               |                      |                |
|                                                                                                                                                                                                     | SERIAL NUMBER/LOT NO.              |                                    | UNIT OF ISSUE                 | NEXT INSPECTION DUE  | CONDITION CODE |
|                                                                                                                                                                                                     | 639-486                            |                                    | EN                            |                      | L              |
|                                                                                                                                                                                                     | CONTRACT OR PURCHASE ORDER NO.     |                                    | QUANTITY                      | INSPECTION ACTIVITY  |                |
|                                                                                                                                                                                                     | DAAD-05-C-65KK                     |                                    | 271                           | H 0105 SPT BN FTRNDA |                |
| REMARKS                                                                                                                                                                                             |                                    | REASON OR AUTHORITY                |                               |                      |                |
|                                                                                                                                                                                                     |                                    | QDR                                |                               |                      |                |
|                                                                                                                                                                                                     |                                    | INSPECTOR'S NAME OR STAMP AND DATE |                               |                      |                |
|                                                                                                                                                                                                     |                                    |                                    |                               |                      |                |

Figure 11-4. Sample of a completed DD Form 1575, Suspended Tag – Materiel

Legend for Figure 11-4:

*Completion instructions for DD Form 1575, Suspended Tag-Materiel*  
**NSN, Part No, and Item Description.** Enter the NSN, part number, type, model, series, and item name.

**Next Inspection Due.** Leave blank.

**Condition Code.** Enter "L".

**Inspection Activity.** Enter the unit's name or UIC of the activity that is preparing the ODR/EIR.

**Reason or Authority.** Enter "QDR/EIR Exhibit".

**Serial Number/Lot No.** Enter the item's serial number. If the item is bulk (e.g., cord, webbing, rubber, etc.), enter the lot number.

**Unit of Issue.** Enter the unit of issue; e.g., each (ea), gross (gr), dozen (dz), etc.

**Contract or Purchase Order No.** If known, enter the contract number or the purchase order number. Contract number can be found on item data plate. If you cannot find it, enter "UNK".

**Quantity.** Enter the quantity of the item.

**Inspector's Name or Stamp and Date.** Leave blank.

**Remarks.** Comment as appropriate.

| MATERIEL DEFICIENCY EXHIBIT                        |                             |                                                                   |
|----------------------------------------------------|-----------------------------|-------------------------------------------------------------------|
| 1. REPORT CONTROL NUMBER<br><i>W 22-PLM 87A002</i> | 2. DATE<br><i>10 OCT 86</i> | 3. ORIGINATING ACTIVITY<br><i>HQ 105 SPT BN<br/>FT KNOX 40121</i> |
| 4. NSN<br><i>2920-00-909-3393</i>                  | 5. PART NO                  | 6. SERIAL NO.<br><i>635-486</i>                                   |
| 7. REMARKS (Continue on reverse, if necessary)     |                             | 8. ITEM DESCRIPTION<br><i>ALTERNATOR</i>                          |
|                                                    |                             | 9. NAME<br><i>MAX PODREA</i>                                      |
|                                                    |                             | 10. PHONE<br><i>6571555</i>                                       |

DD Form 2332 84 MAY ☆ GPO 1988-219-443

| MATERIEL DEFICIENCY EXHIBIT                  |                         |
|----------------------------------------------|-------------------------|
| 11. DATE EXHIBIT RELEASED<br><i>86-09-10</i> | 12. EXHIBIT RELEASED TO |
| 7. REMARKS (Continued)                       |                         |
|                                              |                         |

DD Form 2332 Reverse, 84 MAY

Figure 11-5. Sample of a completed DD Form 2332, Materiel Deficiency Exhibit

Legend for Figure 11-5:

*Completion instructions for DD Form 2332, Materiel Deficiency Exhibit*  
 Note. Use only blue or black pen or typewriter.

**1. Report Control Number.** Enter the Deficiency Report's report control number obtained from block 3 of the original SF 368.

**2. Date.** Enter the calendar date (yr/mo/day) when the exhibit was prepared for shipment.

**3. Originating Activity.** Enter the name and address of the activity that prepared the QDR/EIR.

**4. NSN.** Enter the NSN for the exhibit. (Same as block 5 of the original SF 368).

**5. Part No.** Enter the part number of the item. (Same as block 8 of the original SF 368).

**6. Serial No.** Enter the serial number of the item. (Same as block 9 of the original SF 368).

**7. Remarks.** (Continue on reverse, if necessary.) Fill in any pertinent information that will aid the shipper and the receiver of the exhibit with the disposition of the item. Include how the item is being shipped; i.e., commercial, or through the Army supply system.

**8. Item Description.** Provide item name, LIN of end item, and a brief description of the item.

**9. Name.** Enter the name of the person completing the form.

**10. Phone.** Enter the phone number (commercial/DSN) of the person completing this form.

**11. Date Exhibit Released.** Enter date (yr/mo/day) the exhibit was released to the shipper.

**12. Exhibit Released to.** Enter the name, address, and phone number (DSN/Commercial) of the person and/or company that will ship the exhibit.

## Chapter 12 Unit Level Logistics System (ULLS) User Procedures

### 12-1. General ULLS Information

*a.* ULLS is the Army's Unit Level Logistics System. ULLS collects maintenance and supply data and provides management information at the unit level.

*b.* ULLS automates/replaces portions of TAMMS. The following DA/DD Forms have been automated and the ULLS generated printouts (shown with a -E) are authorized replacements:

(1) DA Form 5823 (Equipment Identification Card). DA Form 5823 is not required if you are operating with ULLS; this information is on the dispatch printout.

(2) DD Form 1970 (Motor Equipment Utilization Record) (DA Form 5987-E, Motor Equipment Utilization Record (Automated)).

(3) DA Form 2401 (Organizational Control Record for Equipment) (DA Form 5982-E, Dispatch Control Log (Automated)).

(4) DD Form 314 (Preventive Maintenance Schedule and Record) (Front side Only) (DA Form 5986-E, Preventive Maintenance Schedule and Record (Automated)).

*Note.* The DA Form 2406 (Materiel Condition Status Report) and backside of the DD Form 314 will be automated upon the completion of the Army Material Status System (AMSS) module, which is scheduled to be included in Software Change Proposal (SCP) 05.

(5) DA Form 2404 (Equipment Inspection and Maintenance Worksheet) (DA Form 5988-E, Equipment Inspection/Maintenance Worksheet (Automated)).

(6) DA Form 2405 (Maintenance Request Register) (DA Form 5989-E, Maintenance Request Register (Automated)).

(7) DA Form 2407 (Maintenance Request) (DA Form 5990-E, Maintenance Request (Automated)).

(8) DA Form 2408-14 (Uncorrected Fault Record). This form was eliminated by including all its information on the DA Form 5988-E (Equipment Inspection and Maintenance Worksheet).

(9) DD Form 2026 (Oil Analysis Request) (DA Form 5991-E, Oil Analysis Request (Automated)).

(10) DA Form 2408-9 (Equipment Control Record) (Usage only) (DA Form 5992-E, Equipment Usage Request (Automated)).

*Note.* Transfers, Gains & Losses are done at the property book level.

(11) DA Form 348 (Equipment Operator Qualification Record) (DA Form 5983, Equipment Operator Qualification Record (Automated) and 5983-1-E, Operator's Qualification Record (Automated)).

(12) Optional Form 346 (U.S. Government Motor Vehicle Operator's Identification Card) (DA Form 5984-E, Operator's Permit Record (Automated)).

(13) SF Form 46 (Operator's Identification Card) (DA Form 5984-E)

*c.* The forms and records produced and recorded in ULLS will be maintained by all units, organizations, and activities who operate self-powered vehicles, towed vehicles, and stationary equipment. The local commander may also require weapons and non serial numbered items to be maintained on this system.

*d.* Units operating under ULLS will use printouts or automated reports in place of the manual forms prescribed in other chapters. However, units that are not automated will maintain manual forms as required by chapters 2, 3, 4, 5, 9, 11, and appendix E.

*Note.* The automated processes in ULLS supersede all manual procedures. In cases that there is a conflict on form disposition between DA Pam 738-750 and the user manual, DA Pam 738-750 will take precedence.

*e.* There are four separate categories of maintenance processes within ULLS. This chapter contains information for—

- (1) Operational processes.
- (2) Equipment data update.
- (3) Equipment data reports.
- (4) Maintenance support.

### 12-2. Operational processes

Operational records and system generated reports provide the information needed to plan, manage, and control equipment. The operational processes menu contains the following functions:

*a. Equipment dispatch and return.* This process provides for the regular dispatch or alert dispatch of equipment and return as shown below:

(1) *Equipment dispatch.* Allows the user to dispatch equipment with option to produce the Equipment Maintenance and Inspection Worksheet. This replaces the requirement for a DD Form 1970 and DA Form 2404 (see fig 12-1).

(2) *Alert dispatch.* Provides dispatches, by DODAAC, for all equipment listed in the equipment data file as alert dispatchable (see Fig 12-2).

(3) *Equipment dispatch - returning.* This process is used when returning equipment from regular dispatch. It updates the end item, component usage, operator record, fuel usage, and dispatch control files.

*b. DA Form 5988-E (Automated).* This process allows user to print an Equipment Maintenance and Inspection Worksheet for each piece of equipment by DODAAC, admin number, or by FSC to facilitate PMCS and other scheduled inspections. The FSC option allows the user to select an item on file by FSC, e.g., to select only generators, enter "6115". The system will check the document control register (DCR) and maintenance fault file and print all faults and parts that have been ordered. (See figs 12-3 through 12-5.)

*c.* The DA Form 5988-E (Automated) (figs 12-3 through 12-5) is used at organization level to—

(1) Record faults found during an inspection. These faults include PMCS, maintenance activity inspections, diagnostic checks, and spot checks.

(2) Record marine conditions surveys of watercraft.

(3) Record the results of technical inspections on equipment. When needed, this form will show condition codes listed in AR 725-50, AR 750-1, TB, or other publications requiring the technical inspection.

(4) Collect all maintenance and services performed on vehicles that are involved in a DA approved Sample Data Collection (SDC) Plan. In addition to the requirements in this pamphlet, the applicable Field Planning Guide (FPG) will identify additional data required as mandatory entries on the PCN AWACF184 (DA Form 5988-E (Automated)).

(5) Report Battle Damage Assessment and Repair (BDAR).

*d.* Operators, crews, and unit maintenance personnel use the AWACF184 (DA Form 5988-E) to list faults they cannot fix and faults corrected by replacing parts.

*e.* Operators and crews, first-line leaders, maintenance supervisors, and commanders are equally responsible for updating ULLS with current information recorded on the form.

*f.* Disposition is as follows:

(1) The AWACF184, DA Form 5988-E (Automated), used for operator PMCS on an equipment will be kept in the equipment record folder or in a protective cover until it is no longer needed; for example, upon updating the ULLS system and generating a new listing.

(2) The AWACF184, DA Form 5988-E (Automated), listing faults found during an operator's or crew's PMCS, goes to the maintenance supervisor for action. Maintenance section leaders review the form prior to destruction to ensure all actions have been taken or recorded within ULLS.

(3) The DA Form 5988-E (Automated) used for scheduled services will be kept on file for quality control until next service is performed.

(4) The DA Form 5988-E (Automated) used for technical inspections will stay with the item until all maintenance is performed or the item is destroyed.

(5) Input the most serious fault that must be fixed at support maintenance to the DA Form 5990-E (Automated) and attach the worksheet to DA Form 5990-E (Automated).

(6) Faults that cannot be fixed or must be deferred will be annotated on the worksheet and updated through the maintenance fault update process.

(7) When there is an NMC deficiency on the worksheet, keep the worksheet until the deficiency has been input through maintenance fault update process or repaired. This includes the worksheet on equipment sent to support maintenance.

(8) When the DA Form 5988-E (Automated) is used to report BDAR action, mail it to Survivability/Vulnerability Information Analysis Center (SURVIAC), ATTN: AFDL/FES/CDIC, Wright Patterson AFB, OH 45333.

g. Maintenance faults provides the capability to identify maintenance faults related to a specific piece of equipment to add, change, or delete these faults as required. Faults added will be written to the appropriate maintenance files, and appear on the equipment maintenance/inspection worksheets.

h. Parts installed enables the user to install parts that have been received either by admin number or document number. Additionally, it updates the DCR.

i. Services performed enables the user to enter data on services and tests performed on the equipment. The process will update service due file, the EDF, and component data file. When services are performed, the system will automatically schedule the next service due. However, the user must calculate and enter the next special service, lube, and AOAP due date. These service types and dates are written to the dispatch printouts and listed under service due data.

j. Add/delete operator provides the user a means of adding and deleting operator records. When an operator qualification record is created, the system will utilize the data entries to dispatch vehicles to qualified operators as shown below. The system automatically calculates the operator's miles upon return of a dispatch, and maintains the operator's qualifications, restrictions, accidents, awards, and training until the record is deleted.

(1) *Add operator's qualifications.* This process will produce an Equipment Operator Qualification Record (fig 12-6). This process replaces the manual DA Form 348.

*Note.* The user cannot change driver license number. If an error is made, the user must delete the record and reenter it.

(2) *Delete Operator.* This process must be used if an invalid license number was input and requires changes, or if an operator transfers from the unit.

k. Modify operator record provides the means of updating an operator's record once the record has been added to the system.

### 12-3. Equipment data update

This process allows the user to update equipment and admin number data. User can update equipment catalog, change, NSN and serial number (SN) data for an admin number, change the admin number, and update weapon system data. The process will update the EDF and the ECF. Admin number change will update all applicable system files, such as, document control register, dispatch control file, maintenance fault file, inoperative equipment file, etc.

a. *Equipment add.* This enables the user to add equipment to the equipment data file. MCSR reportable items must be loaded individually. Commanders can determine if weapons, protective masks, kitchen equipment, etc., are to be loaded separately or grouped as like items. Nonreportable items (machine guns) that deadline weapons systems must also be loaded separately.

b. *Equipment data file update.* Provides the capability to update catalog, weapon system, and admin number data. It also allows users to change admin number, serial number, or change NSN for an admin number.

c. *Component file update.* Allows the user to add, change, or delete AOAP component data. If the engine or transmission was changed, use change component serial number option. If the engine/transmission has never been on file, use component add. If the

engine/transmission was added by mistake, then use component delete.

d. *Equipment service update.* Allows the user to add or update scheduled services or special services.

e. *Equipment delete.* This process will delete a piece of equipment by admin number. A report will automatically be generated with admin number data for the equipment just deleted.

f. *Equipment class codes.* Provides the capability for the user created class codes(UA-UZ or ZA-ZZ) to be added, changed, or deleted from the class code file. (See fig 12-7.)

### 12-4. Equipment data reports

Provide hard copy reports as shown below:

a. *Oil analysis request.* Allows the user to prepare a routine or special oil analysis request. This process replaces preparation of a manual DD Form 2026 (see fig 12-8.)

b. *Equipment availability.* Provides the user with an Equipment Availability Report, which displays admin number, model, noun, and status of equipment for selected unit. (See fig 12-9.)

c. *Parts received not installed.* There are two options in this process. The first is a print for admin number, and the second is a print by DODAAC. (See fig 12-2 1.)

d. *Equipment fuel usage.* This provides a monthly, quarterly, or FY fuel usage report for specific fuel types.

e. *Service schedule.* This provides a hard copy that shows the services by admin number, DODAAC, date range, or for an NSN. (This process provides an automated frontside DD Form 314). (See fig 12-10.)

f. *Non mission capable.* This process will display/print by DODAAC all non mission capable equipment (Deadline Report). (See fig 12-22.)

g. *Equipment operator/class code.* This process allows the user to print the class codes, operator qualification record (DD Form 348-E (Automated)), operator qualification by class code, or the operator's ID card(Automated SF Form 46).

h. *Equipment periodic usage.* This process provides the user with a usage report. This report will print as soon as you press enter from option number 8 of equipment data reports. (This report provides the automated DA Form 2408-9.)

*Note.* Transfers, gains, and losses are not included in this report.

i. *Equipment data file.* This allows the user to print major end items, components, and weapon system/subsystems, without serial number or by admin number w/components.

### 12-5. Maintenance support functions

These functions are necessary to provide an interface with the Standard Army Maintenance System (SAMS).

a. *Send SAMS transactions.* This process allows the user to send required inoperative maintenance and maintenance request data (via diskette) to SAMS.

b. *Maintenance request.* This produces maintenance request by admin number or without admin number with an equipment inspection maintenance worksheet. (See fig 12-11.)

c. *Manual maintenance status update.* This allows user to manually update the maintenance status on the maintenance request register. See work request status codes in table B-2 1.

d. *Automated maintenance status update.* This process automatically updates the maintenance status(via diskette) from SAMS to update equipment that is in direct support.

e. *Maintenance request register.* This will display or print the maintenance request register. (See fig 12-12.)

f. *Automated maintenance master data file.* This will update the equipment catalog file and allow the user to print the master file.

### 12-6. Equipment dispatch

a. Dispatching is the method by which a commander controls the use of equipment. However, allowing equipment to be used carries with it the responsibility for both the equipment and the operator's safety. The commander must make sure that dispatching procedures are understood and followed.

b. The commander appoints a responsible person to the duties of dispatcher. The person delegated as dispatcher is password controlled within ULLS. In the absence of the appointed dispatcher, additional dispatchers must be authorized in writing by the commander.

c. The dispatcher—

- (1) Fills requests for equipment to be issued or used.
- (2) Ensures the operator is registered as a licensed, qualified operator within ULLS. If the operator is not registered in ULLS, check for a valid OF 346/SF Form 46 and update ULLS, as appropriate. (See fig 12-13.)
- (3) Issues and collects the equipment record folder and the needed forms in the folder.
- (4) Ensures that the operators properly annotate required entries on the forms and printouts contained in the equipment record folder.
- (5) Makes required entries on the dispatch input screen.
- (6) Ensures equipment faults are reported to maintenance personnel.

(7) Records services performed during the dispatch (e.g., AOAP samples taken), and update ULLS accordingly.

d. The dispatch loop describes the procedures that will be followed when dispatching equipment as shown below:

(1) The operator reports to the dispatcher. For equipment needing licensed operators, the operator must be licensed to operate the equipment either within ULLS or have a valid OF 346/SF Form 46.

(2) The dispatcher gives the operator an equipment record folder with all the forms and printouts that will be needed during the mission. Both the dispatcher and operator check the dispatch for services due on equipment.

(3) The operator uses the equipment's TM to perform before-operation PMCS. Any faults that the operator finds that can be repaired at that level will be repaired. Other faults, not already recorded, will be entered on the equipment inspection/maintenance worksheet. Nontactical equipment may not have a PMCS. The operator will use a local checklist as a PMCS for that equipment. "Before" operational checks and services will be performed before the equipment leaves the motor pool or other dispatch point. "During" operational checks will be performed while the equipment is being operated. "After" operational checks and services will be performed when the equipment completes the mission or returns to the motor pool or dispatch point.

(4) If possible, the operator and/or mechanic repairs faults found on the equipment. The commander or commander's representative decides if any remaining faults will keep the equipment from being dispatched.

(5) If equipment is ready to dispatch, the dispatcher makes necessary entries in ULLS.

(6) The operator leaves with the equipment and the equipment record folder that contains all needed forms and printouts. For routine dispatch, a vehicle's folder will contain current equipment maintenance and inspection worksheet, dispatch printout, and SF Form 91 and DD Form 518.

(7) When the mission is completed, the operator performs the after operation PMCS on the equipment, and annotates new faults on the DA Form 2404. The operator and mechanic will fix any faults they can, and secure the equipment.

(8) The operator turns in the equipment record folder and all forms and printouts to the dispatcher. The dispatcher checks forms for any new faults, and updates ULLS maintenance records. The dispatch is closed using the operational processes menu, motor equipment dispatch and return.

(9) Motor transport units performing line haul operations will transfer their semitrailers to a larger organization designated by the senior motor transportation command (either group or brigade). The commander of the larger transport organization will establish a semitrailer control office that will be responsible for maintaining dispatch and maintenance records on those semitrailers.

## 12-7. Equipment record folder

a. The equipment record folder (NSN 7510-01-065-0166) holds

the forms needed to record equipment use, operation, and condition while on dispatch.

b. The folder is used as follows each time an item of equipment is dispatched:

(1) The folder will carry only the printouts and records needed during a dispatch.

(2) A DA Form 2408-4 will go in the folder only when the weapon is to be fired, serviced, or repaired.

(3) Place all the appropriate printouts and forms, except the DD Form 314 and DA Form 2408-9, in the folder when the equipment goes to support maintenance.

c. When equipment is turned in or transferred, the folder will accompany the equipment. The folder will contain the Acceptance DA Form 2408-9 and printouts/diskette generated from ULLS.

*Note.* Be sure to coordinate these actions with your support property officer before actual transfer or turn in.

## 12-8. DA Form 5823

The DA Form 5823 is not required if you are automated with ULLS.

## 12-9. Motor equipment dispatch

a. *Two types of ULLS produced dispatches.* Regular and alert are two types of ULLS produced dispatches. The motor equipment dispatch is a record of motor equipment use as shown below. It is required for all equipment being dispatched and equipment requiring operating time.

(1) The motor equipment dispatch is used to control the use of special purpose, combat, tactical, and nontactical vehicles and equipment, including material handling equipment.

(2) The motor equipment dispatch is also used to record operating time on equipment that requires services based on hours only. This includes such equipment as generators, air compressors, centrifugal pumps, etc. Operating time is the period of operation or hours of usage, using the time of day. Operating time is maintained throughout the dispatch cycle within ULLS.

(3) Equipment going to support maintenance will be dispatched to and from support maintenance. An exception to this is when the unit requesting support maintenance and the support maintenance activity are collocated so that the equipment will not leave the motor pool area or area where equipment is maintained or stored. In this case, only a maintenance request needs to accompany the equipment. At support maintenance, the maintenance request will be used as a dispatch record for maintenance repair operations and final road testing.

(4) The motor equipment dispatch will be used to dispatch equipment requiring exercises because of low use or equipment in administrative storage.

(5) The option "alert dispatch" will dispatch all equipment that is coded as alert dispatchable. These dispatches will be produced in advance. The required entries (i.e., date, time, driver's name, etc.) will be entered manually by dispatcher at time of dispatch. The alert dispatch summary sheet (replaces the DA Form 2401) will be used to record the operator's name.

b. *Disposition.*

(1) Based on entries recorded in the Return Usage portion of the motor equipment dispatch, the dispatcher will update equipment/unit data; i.e., fuel added, date and time in, and any remarks. The usage data (current or estimated miles/kilometers/hours taken from the odometer or hour meter when the equipment returned from dispatch, and oil added during dispatch) will also be updated. This form is to be discarded when no longer needed.

(2) The dispatcher looks for any unusual entries in the Remarks block that may need further action.

(3) When equipment is involved in an accident or other situation under investigation, the dispatcher produces the dispatch control log. The dispatcher attaches the motor equipment dispatch for equipment to the log and maintains the forms until released by the investigator or at the completion of the investigation.

**12-10. DA Form 2401**

The DA Form 2401 is automated through the dispatch in and dispatch out process. (See fig 12-14.)

**12-11. DA Form 2405**

Units supported by ULLS, are not required to maintain a manual DA Form 2405, as it is automated within ULLS.

**12-12. Maintenance request form (automated)**

This form serves as a request for maintenance support. ULLS automates the DA Form 2407. Two hard copies of the DA Form 2407 are generated by ULLS for delivery with the equipment to the support maintenance activity. In addition, a diskette is produced for delivery to the Standard Army Maintenance System 1 (SAMS-1) site.

*a. Use.*

(1) Request support maintenance to include—

- (a) Repairs not authorized by unit level.
- (b) Application of MWOs.
- (c) Fabrication or assembly of items.

(2) Report work on DA directed items under an approved sampling plan. AR 750-1 governs this program. The specific Field Procedures Guide (FPG) identifies data elements for the forms.

(3) Initiate work requests that may become warranty claim actions.

(4) Show all maintenance done on nontactical wheeled vehicles, and tactical vehicles used as general purpose and passenger carrying vehicles. Use this form for vehicles and supported equipment when they are assigned to administrative motor pools.

(5) Request an ECOD or technical inspection to classify the serviceability/repairability of an item before turn-in for replacement.

*b. Disposition.*

(1) *Receipt copy (one).* The first automated hard copy is used for accountability purposes and then destroyed when equipment is returned to the unit.

(2) *Control copy (two).* The second automated hard copy is stapled to a blank DA Form 2407 or 2407-1 by the support activity. When the form is used for BDAR, mail this copy to the Survivability/Vulnerability Information Analysis Center (SURVIAC), AFFDL/FES/CDIC, Wright Patterson AFB, OH 45433.

(3) *Organization copy (three).* With ULLS automation, this copy is replaced by the SAMS-1 work order (WO) Detail Report, PCN AHN-0 18, which will be printed for the ULLS unit once the work request is closed. (See fig 12-23.)

(4) *File copy (four).* With ULLS automation, this copy is replaced by the number two "control copy" once the WO is closed. The unit will keep this copy for 90 days after the equipment is fixed. For items under a DA approved sampling plan, hold this copy as directed by the plan.

**12-13. DA Form 5409 (inoperative Equipment Report (IER)) and DA Form 5410 (Unit Level Deadlining Parts Report(ULDP))**

For units supported by ULLS, data collected on these forms will be furnished SAMS on an ULLS transaction diskette (SAMS transactions).

*Note.* If any unit within a specific Battalion, Brigade, Division, etc., is operating on ULLS, all other assigned or attached units are restricted from submitting manual inop reporting forms; i.e., DA Form 5409 and DA Form 5410, to report deadlined equipment, or parts data unless data is reduced at the SAMS 2 (SAMS-2) site.

**12-14. Nonaeronautical Equipment, Army Oil Analysis Program (AOAP)**

*a.* Chapter 4 explains the AOAP in detail. It explains how, when, and where to sample.

*b.* ULLS produces an oil analysis request that is used in place of the DD Form 2026 (fig 12-8). Information input in the dispatch return process such as miles/hours since last overhaul, equipment and component usage, and oil added is automatically written to the oil analysis request. The oil used since last sample is reset to 0,

automatically, after the oil analysis request is produced. The miles/hours since oil change is reset to 0 automatically when the "oil change only" or "scheduled service and oil change only" sub option is selected from services performed option.

**12-15. Historical records contained in ULLS**

*a.* Units operating with ULLS may produce the DA Form 2408-9 Usage Report data automatically from ULLS upon request. The DA Form 2408-9 Usage Report is then carried to your local data processing center to be data reduced and sent to the Director, USAMC Logistics Support Activity, ATTN: AMXLS-RRM, Redstone Arsenal, AL 35898-7466. (See fig 12-15.)

*b.* To produce the ULLS Equipment Usage Report, ULLS operators must update the equipment catalog/publication information. The "Type Report Code" must contain a value of "Y" for all items identified as DA Form 2408-9 usage reportable in appendix E.

*c.* Usage Reports will be generated on the following dates:

- (1) As of 1 October for non-tactical vehicles.
- (2) As of 1 November for tactical vehicles.
- (3) As of 1 February and 1 August for floating craft.

*d.* Submit data to LOGSA, ATTN: AMXLS-RRM, Redstone Arsenal, AL 35898-7466. Data may be submitted by AUTODIN, DDN E-Mail, floppy diskette, magnetic tape, or hard copy. These methods are listed in the preferred order of submission. See figure 12-16 for instructions on how to data reduce the Equipment Usage Report.

*Note.* If you use a word processor to produce an 80-80 floppy diskette, do not load the word processor on the same computer you operate ULLS. This will cause system problems when you go back to run ULLS.

**12-16. Manager Reports**

Manager Reports provide the tools necessary for commanders and supervisors to effectively manage the unit's PLL and maintenance operations. The Commanders Guide, AISM-25-L3N-AWA-ZZZ-CG, provides more detailed information on reports, internal SOP, and an ULLS checklist.

*a. Excess Management Report.* This report should be reviewed weekly. It provides a listing of PLL and non-stocked records that have an excess quantity on-hand or due-in. (See fig 12-17 and (1) through (3) below.)

(1) The report identifies items that are excess to unit needs and requires cancellation or turn-in.

(2) Excess may be caused by one of the following factors:

- (a) Authorized quantity was decreased and no action was taken on the excess created.
- (b) Current on-hand quantities may be in error; verify by inventory.
- (c) Parts on hand incorrectly posted as installed.
- (d) Receipts of parts on hand were not posted through ULLS.

(3) Dispose of when no longer needed or per standing operating procedures (SOP).

*b. Commander's Exception Report.* This report provides a listing of all requests having a high priority or extended value of \$500 or more that have been processed since the last time the Commanders Exception Report was printed. The Commander's Financial Transaction Listing (fig 12-18) must be reviewed and initialed before the daily transactions are sent to the DSU. Any request not approved can be canceled before transactions are sent to the DSU.

*c. Service schedule due.* This report provides a report of scheduled services due by admin number, DODAAC, date range, or NSN (see (1) and (2) below). Review this report monthly and dispose of it when no longer needed or per local SOP. (See fig 12-19, Service Schedule Due by DODAAC.)

(1) Use this report to determine which equipment requires services by admin number, DODAAC, date, or during a particular date range.

(2) To find services that are overdue, use a start date of 1 year prior to the current date and use the current date as the end date. The process will list all services not performed for the past year.

*d. PLL Inventory Report.* This report provides a listing in location sequence of all PLL lines and any NSN records with an

on-hand quantity to aid in performing inventories. (See fig 12-20 and (1) through (3) below.)

- (1) Use this report to conduct location surveys for determining PLL operations effectiveness.
- (2) Use this report to determine if the on-hand quantity meets the needs of the unit.
- (3) PLL Inventory Report will be kept on file until the next inventory has been completed.

#### **12-17. The Army Materiel Status System (AMSS)**

The AMSS is designed to replace all manual materiel readiness reports for ground, aviation, and missile equipment.

*a.* AMSS is being developed to automate the manual readiness reporting requirements listed in AR 700-138. When fielded, AMSS will replace the DA Form 2406, DA Form 1352, and the DA Form 3266-1 with a single automated readiness reporting system. It will

become the commander's link to monitoring the maintenance and supply posture of the unit.

*b.* AMSS will collect, compile, and report materiel readiness data at the unit and provide this information to the battalion level. The capability will exist to consolidate the "real time" readiness information received from subordinate units and will be used for the purpose of monitoring and reporting their readiness posture.

*c.* AMSS will accumulate NMC data and parts information for all reportable end items, systems, and subsystems and will have the capability to receive support and depot level NMC data from the SAMS-1. NMC time due to an equipment shortage (NMCE), will be included in AMSS to track reportable and nonreportable subsystems not on hand that effect reportable system NMC time. The capability of maintaining required, authorized, and on hand data will also be included in AMSS.

*d.* The readiness information accumulated at the battalion level will be provided to the SAMS 2 where it will then be forwarded to LOGSA.

DATE: 26-OCT-92

MOTOR EQUIPMENT DISPATCH

DA FORM 5987-E

B CO 703 INF BN  
 BLDG 214 COLEMAN BKS  
 MANHEIM, FRG APO NY 96217  
 PHONE NUMBER: (883)212-3131

UIC: WH9980

DATE DISPATCHED: 26-OCT-92

TIME DISPATCHED: 1456

## ----- EQUIPMENT DATA -----

ADMIN NUM: B8 SERIAL NUM: W24BE7S2114595  
 EQUIP MODEL: M884 REGISTRATION NUM: NG10YK  
 EQUIP NOUN: TK CGO 1.25T EQUIP LICENSE NUM: B8  
 EQUIP NSN: 2320005798985 KEY NUM: M0076H

## ----- SERVICE DUE DATA -----

|                           | TYPE | DATE      | MI/KM/HR |
|---------------------------|------|-----------|----------|
| TYPE PMCS DUE:            | W    | 28-OCT-92 | M 38575  |
| NEXT OIL ANALYSIS DUE:    | Z    | 10-OCT-93 | 4800     |
| NEXT LUBRICATION DUE:     | L1   | 01-DEC-92 | 38750    |
| NEXT SPECIAL SERVICE DUE: | L2   | 01-NOV-92 | 200      |

## ----- DISPATCH INFORMATION -----

OFFICIAL USER NAME/PHONE NUM: CPT RANDY P. CASH / 447-5761

DESTINATION: REPORT TO SDO  
 EXPECTED DATE/TIME OF RETURN: 26-OCT-92 / COB OR 1730

EQUIP DISPATCHER'S SIGNATURE:

Jesus Garcia  
 PFC GARCIA

1ST OPERATOR'S SIGNATURE:

Joseph Gynn 38418  
 GYNN JOSEPH

2ND OPERATOR'S SIGNATURE:

Ann Dutra  
 DUTRA ANN

OFF POST AUTHORIZATION: \_\_\_\_\_

DISPATCH OUT REMARKS: 48 HR DUTY DRIVER

"EXTENDED DISPATCH"

RANDY P. CASH CA-2700092

## ----- END ITEM USAGE DATA -----

Randy P. Cash CA  
 CA

| EQUIPMENT NOUN | M/H/K | CURRENT READING | READING AT RETURN | FUEL USAGE (IN GALLONS) |
|----------------|-------|-----------------|-------------------|-------------------------|
| TK CGO 1.25T   | M     | 038375          | 039570            | 87                      |

## ----- COMPONENT(S) USAGE DATA -----

| SERIAL NUMBER | COMPONENT NOUN | M/H/K | CURRENT READING | READING AT RETURN | OIL ADDED (IN QUARTS) |
|---------------|----------------|-------|-----------------|-------------------|-----------------------|
| 390524        | ENGINE         | M     | 390625          | 391770            | 1                     |

Figure 12-1. Sample of ULLS generated DA Form 5987-E, Motor Equipment Dispatch

Legend for Figure 12-1:

Completion instructions for ULLS generated Motor Equipment Dispatch, DA Form 5987-E (Automated)

Note: This listing replaces the requirement to maintain DD Form 1970.

## Dispatch Heading Section:

Unit address, telephone number, and UIC is retrieved from the data base; no entries required by the operator.

Date Dispatched. The date equipment is dispatched. ULLS default entry.

Time Dispatched. The military time equipment is dispatched. ULLS default entry.

Equipment Data Section.

Admin number, equipment model number, equipment noun, equipment national stock number (NSN), equipment serial number, registration number, equipment license number, and key number will be retrieved from equipment data file; no entries from operator/crew chief needed in these areas.

**Service Due Data Section:**

Information in this section is retrieved from the ULLS data base; no entries required by the operator. Operator/ supervisor will review this section and take appropriate actions as required.

**Dispatch Information Section:**

**Official User Name/Phone Number.** The operator requesting the dispatch will provide the last name, first name, middle initial, rank/grade, and telephone number to the dispatcher. Dispatcher enters the name of the person to whom the operator is to report (official user). This person will be responsible for the equipment when in use.

**Destination.** The dispatcher will enter into the ULLS system the major operating point of dispatch.

**Expected Date/Time of Return.**

a. Dispatcher will enter close of business (COB) or the actual time the user expects to return with the equipment. b. The operator will ensure he reviews the expected date/time of return. If equipment cannot be returned due to mission, operator will notify the official user who will request an extended dispatch.

**Equipment Dispatcher Signature.** The dispatcher will sign their name.

**First Operator's Signature.** The operator will sign their name. If you change operators while the vehicle is dispatched, annotate the hours/miles/kilometers on the equipment to the right of the operator's signature. **Second Operator's Signature.**

a. This line will be used if you change operators while the equipment is on dispatch. This normally happens when an operator becomes sick, overly tired, etc. (e.g., during convoy operations).

b. The operator will sign their name.

Note: If there was more than one operator while the vehicle was dispatched, the dispatcher will ensure that each operator's Qualification Record is updated appropriately.

**Off Post Authorization.** The commander or the commander's designated representative will sign and enter rank if off post travel is authorized.

**Dispatch Out Remarks.**

- a. The dispatcher will enter all towed equipment by the prime mover.
- b. If equipment was extended the operator will write the words "EXTENDED DISPATCH", the name and rank/grade of the person authorizing the extension, and expected date of return.
- c. The official user or the commander's designated representative will sign and enter rank when operator is released or mission is completed.

**End Item Usage Data Section:**

a. Equipment Noun, Miles /Hours/ Kilometers and Current Reading are ULLS generated entries.

(1) *M/H/K.* This displays how equipment is tracked, either by Miles/ Hours/ Kilometers.

(2) *Current Reading.* Displays the reading of previous block, in M/H/K, prior to dispatch.

b. *Reading at Return.* This is entered by operator at time of return.

c. *Fuel Usage.* The operator enters the amount of fuel in gallons added while the equipment was on dispatch.

**Component(s) Usage Data Section:**

a. Component's Serial Number, Noun, M/H/K, and Current Reading are ULLS generated entries.

b. Reading at Return. The operator enters reading when the equipment is returned. If the M/H/K meter is broken or missing, estimate the M/H/K used on equipment.

c. Oil Added. The operator enters the amount of oil in quarts added while the equipment was on dispatch.

A - L - E - R - T

DA FORM 5987-E

DATE: 26-OCT-92

MOTOR EQUIPMENT DISPATCH

B CO 703 INF BN  
 BLDG 214 COLEMAN BKS  
 MANHEIM, FRG APO NY 96217

UIC: WH9980

PHONE NUMBER: (883)212-3131

DATE DISPATCHED: ---

TIME DISPATCHED: ----

## ----- EQUIPMENT DATA -----

ADMIN NUM: B8  
 EQUIP MODEL: M884  
 EQUIP NOUN: TK CGO 1.25T  
 EQUIP NSN: 2320005798985

SERIAL NUM: W248E7S2114695  
 REGISTRATION NUM: NG10YK  
 EQUIP LICENSE NUM: B8  
 KEY NUM: M0076H

## ----- DISPATCH INFORMATION -----

OFFICIAL USER NAME/PHONE NUM: CPT RANDY P. CASH / 447-5761

DESTINATION: ALERT AREA

EXPECTED DATE/TIME OF RETURN: --- / COB OR ----

EQUIP DISPATCHER'S SIGNATURE: \_\_\_\_\_  
PFC DOOLEY

1ST OPERATOR'S SIGNATURE: \_\_\_\_\_

2ND OPERATOR'S SIGNATURE: \_\_\_\_\_

OFF POST AUTHORIZATION: \_\_\_\_\_

DISPATCH OUT REMARKS:

## ----- END ITEM USAGE DATA -----

| EQUIPMENT NOUN | M/H/K | CURRENT<br>READING | READING AT<br>RETURN | FUEL USAGE<br>(IN GALLONS) |
|----------------|-------|--------------------|----------------------|----------------------------|
| TK CGO 1.25T   | M     | -----              | _____                | _____                      |

## ----- COMPONENT(S) USAGE DATA -----

| SERIAL NUMBER | COMPONENT<br>NOUN | M/H/K | CURRENT<br>READING | READING AT<br>RETURN | OIL ADDED<br>(IN QUARTS) |
|---------------|-------------------|-------|--------------------|----------------------|--------------------------|
| 390524        | ENGINE            | M     | -----              | _____                | _____                    |

Figure 12-2. Sample of an ULLS generated DA Form 5987-E, Motor Equipment Dispatch (Alert)

Legend for Figure 12-2:

Note: (Recommend preprinting the Alert Dispatch, filing the alert dispatch forms in dispatch area, and/or when/if alert is called, distribute forms IAW unit SOP.) The Alert Dispatch Summary Sheet printed at the end of the Alert Dispatch forms may be used as a Dispatch Control Log for the alert dispatches.



DATE: 26-APR-93

EQUIPMENT MAINTENANCE AND  
INSPECTION WORKSHEET

DA FORM 5988-E

WK4WRC

B CO, 703 INF BN

## ----- EQUIPMENT DATA -----

ADMIN NUM: 812  
 EQUIP MODEL: M998  
 EQUIP NOUN: TRK UTL C60 1.25T 4X4  
 EQUIP NSN: 2320011077155

EQUIP SERIAL NUM: 050493  
 REGISTRATION NUM: N638NA  
 TYPE INSPECTION: W  
 CURRENT READING: M 010987

NUMBER  
 PUBLICATION: TM 9-2320-280-10  
 PUBLICATION: TM 9-2320-280-10-HR

DATE CHANGE NUMBER  
 06/91 02  
 05/88 00

SIGNATURE: Jim Jones SA TIME: \_\_\_\_\_ SIGNATURE: Mike Post LT TIME: \_\_\_\_\_

## ----- PARTS REQUESTED -----

| FAULT | DOC NUM   | NIIN      | QTY<br>DUE/REC | STATUS<br>DATE | DATE<br>COMP | PRI | DLC |
|-------|-----------|-----------|----------------|----------------|--------------|-----|-----|
| 0001  | 3116 0001 | 000785961 | 00002 ----     |                | 0            | 13  | N   |
| 0002  | 3116 0002 | 000000001 | 00001 ----     |                | 0            | 13  | N   |

## ----- MAINTENANCE FAULTS -----

| ITEM<br>NUM | FAULT<br>DATE | FAULT<br>STATUS | FAULT<br>DESCRIPTION     | CORRECTIVE<br>ACTION | INITIALS |
|-------------|---------------|-----------------|--------------------------|----------------------|----------|
| 0001        | 26-APR-93     | /               | WON'T START              | ELECTRICAL           |          |
| 0002        | 26-APR-93     | X               | CLUTCH SLIPPING          | ADJUST               |          |
| 0003        | 26-APR-93     | X               | EXHAUST MANIFOLD LEAKING | REPLACE PACKING      |          |
|             |               |                 | 27 APR 93                |                      | JDW      |
| (59)        | 28 APR 93     | (X)             | TRANSFER WILL NOT        |                      |          |
|             |               |                 | SHIFT TO LOW             | CLEARED FOR          |          |
|             |               |                 |                          | LIMITED OPERATION    |          |
|             |               |                 |                          | TO TRANSFER          |          |
|             |               |                 |                          | VEHICLE TO SUPPORT   |          |
|             |               |                 |                          | MAINTENANCE ON       |          |
|             |               |                 |                          | 28 APR 93            | MJP      |
| (59)        | 28 APR 93     | X               | TRANSFER WILL NOT        |                      |          |
|             |               |                 | SHIFT TO LOW             |                      |          |

Figure 12-4. Sample of an ULLS generated DA Form 5988-E, Equipment Maintenance and Inspection Worksheet (for changing an "X" condition)

## Legend for Figure 12-4:

Completion instructions for ULLS generated Equipment Maintenance and Inspection Worksheet, DA Form 5988-E (Automated) (used for operator/crew PMCS and changing an "X" condition).

## Equipment Data Section:

a. Admin number, Equipment Model, Equipment Noun, Equipment

National Stock Number (NSN), Equipment Serial Number, Registration Number, Type Inspection, and the Publication Numbers (with changes) will be retrieved from the equipment data file. No entries from the operator/crew chief are needed in these areas.

b. The operator/crew chief must ensure that data contained in these areas are correct prior to pulling PMCS. If any fields are not current,

notify the ULLS operator so he/she can update the data fields through the ULLS Menu process. For more information about these data fields, refer to the ULLS End User Manual ADSM-25-L3N-AWA-ZTH-EUM.

#### **Type Inspection.**

Operator/crew chief requests the ULLS operator to print an Equipment Maintenance and Inspection Worksheet with the type inspection to be performed. See ULLS End User Manual or chapter 3 of this pamphlet for an explanation of these symbols.

(1) Use the same worksheet for more than 1 day. If you find no faults during the BEFORE OPERATION checks in the PMCS, write the calendar date under the fault description column. If no faults are found DURING or AFTER OPERATION CHECKS, put your initials in the initial column.

(2) When no faults are found, this worksheet can be used for more than 1 day even if the worksheet was used for concurrent PMCSs; that is, W/M. Just place the first letter of the type of PMCS performed (W/M) under the corrective action column by that day's date in the fault description column.

#### **Signature.**

When a deficiency or shortcoming is found, the operator or supervisor signs and enters rank. A signature in this block keeps the form from being used past current dispatch.

**Time.** Leave blank or use as needed locally.

**Signature (For figure 12-3).** Operator's supervisor will sign and enter rank when a fault is found on the PMCS.

**Time.** Leave blank or use as needed locally.

**Signature (For figure 12-4).** The commander or the commander's designated representative will sign name and enter rank when making a status symbol change or changing from an X to a circled X status symbol for one time operation.

**Time.** Leave blank or use as needed locally. For missile system/subsystem reported under AR 700-138, enter the time when you find a deficiency.

#### **Parts Requested Section:**

The system will check the Document Control Register (DCR) and print any parts that have been ordered against the admin number on the worksheet. Operator/crew chiefs and supervisors will review this section and take appropriate action as required. For more information about this section, see the ULLS End User Manual ADSM-25-L3N-AWA-ZTH-EUM.

**Fault.** Shows the fault number for which the part is requested.

**Doc Number.** The document number under which the required part has been ordered.

**NIIN.** National Item Identification Number.

**QTY Due.** Due-in quantity for the part on order.

**QTY Rec.** The quantity received.

**Status Date.** Shows date of status code.

**Date Comp.** The date that all parts were received for document number listed or transaction closed.

**PRI.** The priority for item ordered.

**DLC.** Deadline code. "D" if deadline; "N" if not deadline.

#### **Maintenance Faults Section:**

##### **Item Num.**

a. Write the PMCS item number that applies to the fault listed in this column. If the PMCS has no item numbers, list the page, paragraph, or sequence number. Circle the number if fault is listed in the "Equipment is not ready/available if" column or "Not Mission Capable if" column of the PMCS. If the PMCS has no ready/available or not mission capable column, circle the TM item number, page, or paragraph number of any fault that makes equipment NMC.

b. Pubs or TM sections other than PMCS may be required for safety faults or local dispatching. For example, AR 385-55 lists safety checks

that may not be in the PMCS. Those faults will not be counted as NIVIC for Materiel Condition Status Report reporting unless they are in the PMCS "not ready" column or the not mission capable column. But, you will list them if you find a problem with one of them.

c. For those faults not covered by the PMCS, leave this column blank.

**Fault Date.** Enter the calendar date the deficiency or shortcoming was found.

**Fault Status (Figure 12-3).** Enter the status symbol that applies to the fault or deficiency.

**Fault Status (Figure 12-4).** Repair of status symbol X faults cannot be postponed or delayed, but they may be changed to circle X status symbol for limited operation. The commander or the commander's designated representative may change an X status symbol fault to a circle X status symbol. Changing of status symbols should only be done when the equipment is crucial to the mission. No X status symbol faults will be changed to a circle X if it endangers the operator/crew or may cause further damage to the equipment. Circle X conditions will be for one time operation or mission (common sense must be used).

#### **Fault Description.**

a. If you find a fault that can be repaired, stop the PMCS and correct the fault. Do not enter faults that have been repaired or already listed on the worksheet. Continue the PMCS to make sure no other faults exist.

b. Briefly describe fault. Skip one or two lines between faults. This will give maintenance room to note actions they take.

c. When more than one TM covers the equipment, draw a line under the last entry for one TM. Under the line, write the TM number of the manual you will use next. After you finish the PMCS and list all faults you cannot fix, give the form to the maintenance supervisor.

**Corrective Action (Figure 12-3).** Explain corrective actions taken.

**Corrective Action (Figure 12-4).**

a. Print "Cleared for Limited Operations." Provide the specific limits under which equipment can be operated. For example, limits may involve speed, type of mission, distance, weather, or time. The change may affect a subsystem of a system listed in AR 700-138. If so, make sure limits include that part of the mission the system can no longer do.

b. Deficiencies changed to a circle X will return to an X status symbol at the end of the day or mission.

c. Equipment cleared for limited operations will still be carried as NMC for the Materiel Condition Status Reporting.

d. When a deficiency is corrected or changed to a circle X, enter the miles and calendar date in the corrective action column at the end of the dispatch or operation.

**Initials (Figure 12-3).** The mechanic initials any faults that have been fixed. The mechanic gives it back to maintenance supervisor. Maintenance supervisor will review the faults corrected and those still not fixed to decide what other action is needed. For quality control, the inspector or a designated representative will check all corrected status symbol X faults. The inspector will then initial the status symbol.

**Initials (Figure 12-4).**

a. The maintenance supervisor or the commander's designated representative initials for limited operations entries.

b. The person taking the action or transferring the document/NSN initials other entries.

c. The initials will go on the last line of entry.

DATE: 26-APR-93

EQUIPMENT MAINTENANCE AND  
INSPECTION WORKSHEET

DA FORM 5988-E

WK4WRC

B CO, 703 INF BN

## ----- EQUIPMENT DATA -----

ADMIN NUM: 812  
 EQUIP MODEL: M998  
 EQUIP NOUN: TRK UTL CGO 1.25T 4X4  
 EQUIP NSN: 2320011077155

EQUIP SERIAL NUM: 050493  
 REGISTRATION NUM: N638NA  
 TYPE INSPECTION: W  
 CURRENT READING: M 010987

PUBLICATION: TM 9-2320-280-10  
 PUBLICATION: TM 9-2320-280-10-HR

DATE CHANGE NUMBER  
 06/91 02  
 05/88 00

SIGNATURE: Sid Jones SP TIME: \_\_\_\_\_ SIGNATURE: Val Emmett SSO TIME: \_\_\_\_\_

## ----- PARTS REQUESTED -----

| FAULT | DOC NUM   | NIIN      | QTY<br>DUE/REC | STATUS<br>DATE | DATE<br>COMP | PRI | DLC |
|-------|-----------|-----------|----------------|----------------|--------------|-----|-----|
| 0001  | 3116 0001 | 000785961 | 00002 -----    |                | 0            | 13  | N   |
| 0002  | 3116 0002 | 000000001 | 00001 -----    |                | 0            | 13  | N   |

## ----- MAINTENANCE FAULTS -----

| ITEM<br>NUM | FAULT<br>DATE | FAULT<br>STATUS | FAULT<br>DESCRIPTION                       | CORRECTIVE<br>ACTION                                 | INITIALS |
|-------------|---------------|-----------------|--------------------------------------------|------------------------------------------------------|----------|
| 0001        | 26-APR-93     | /               | WON'T START                                | ELECTRICAL                                           |          |
| 0002        | 26-APR-93     | X               | CLUTCH SLIPPING                            | ADJUST                                               |          |
| 0003        | 26-APR-93     | X               | EXHAUST MANIFOLD LEAKING                   | REPLACE PACKING                                      |          |
| 8           |               | /               | CLASS II LEAK AT<br>REAR DIFF.             | TORQUED BOLTS TO<br>35 LB FT. CHECKED<br>FLUID LEVEL | R.J.     |
| 9           |               | /               | REAR SHOCK BUSHINGS<br>STARTING TO DRY ROT | 2310-01-561-1083<br>4 EA                             |          |

Figure 12-5. Sample of an ULLS generated DA Form 5988-E, Equipment Maintenance and Inspection Worksheet (for maintenance services and inspections)

## Legend for Figure 12-5:

Completion instructions for ULLS generated Equipment Maintenance and Inspection Worksheet, DA Form 5988-E (Automated) (used for maintenance services and inspections)

## Equipment Data Section:

a. Admin number, Equipment Model, Equipment Noun, Equipment National Stock Number (NSN), Equipment Serial Number, Registration Number, Type Inspection, and the Publication Numbers (with changes) will be retrieved from the equipment data file. No entries from the operator/supervisor are needed in these areas.

b. The person performing the service or inspection will review the data fields prior to ensure information listed on the worksheet is correct. If any fields are incorrect, pencil in the correct data and give to the ULLS operator. The OLLS operator will update data fields using the ULLS Menu process. For more information about these data fields, refer to the ULLS End User Manual ADSM-25-L3N-AWA-ZTH-EUM.

**Type Inspection.** The person performing the service or inspection will request a worksheet with the type of inspection or service to be performed. See ULLS End User Manual or Chapter 3 of this pamphlet for explanation of these symbols.

Note: A continuation sheet may be needed to perform the inspection or service. The ULLS has this option available.

**Signature.** The person performing service/inspection signs and enters rank after inspection is completed.

**Time.** Leave blank or use as needed locally.

**Signature.** The maintenance supervisor or designated representative signs name and enters rank after service/inspection is completed and parts have been ordered.

**Time.** Leave blank or use as needed locally. For missile system/subsystem reported under AR 700-138, enter the time when you find a deficiency.

**Part Requested Section:** The system will check the document control register (DCR) and print any parts that have been ordered against the admin number on the worksheet. Maintenance personnel and supervisors will review this section and take appropriate action as required. For more information about this section, see the ULLS End User Manual ADSM-25-L3N-AWA-ZTH-EUM.

**Fault.** Shows the fault number for which the part is requested.

**Doc Number.** The document number under which the required part has been ordered.

**NIIN.** National Item Identification Number.

**QTY Due.** Due-in quantity for the part on order.

**QTY Rec.** The quantity received.

**Status Date.** Shows date of status code.

**Date Comp.** The date the transaction was completed.

**PRI.** The priority for item ordered.

**DLC.** Deadline code. "D" if deadline; "N" if not deadline.

#### **Maintenance Faults Section:**

##### **Item Num.**

a. Put the PMCS item number that applies to the fault listed in this column. If the PMCS has no item numbers, list the page, paragraph, or sequence number. Circle the PMCS number if the fault is listed in the "Equipment is not ready/available if" column or "Not Mission Capable if" column of the PMCS. If the PMCS has no ready/available or not mission capable column, circle the TM item number, page or paragraph number of any fault that makes equipment NMC.

b. Pubs or TM sections other than PMCS may be required for safety faults or local dispatching. For example, AR 385-55 lists safety checks that may not be in the PMCS. Those faults will not be counted as NMC for Materiel Condition Status Report (MCSR) reporting unless they are in the PMCS "not ready" column or the not mission capable column. But, you will list them if you find a problem with one of them.

**Fault Date.** Enter the date the service is performed or the date the equipment went non mission capable (NMC).

**Fault Status.** Enter the status symbol that applies to the fault or deficiency.

##### **Fault Description.**

a. If you find a fault that can be repaired, stop the PMCS and correct the fault. Do not enter faults that have been repaired or already listed on the worksheet. Continue the PMCS to make sure no other faults exist.

b. Briefly describe the fault. Skip one or two lines between faults. This will give maintenance room to note actions they take.

c. When more than one TM covers the equipment, draw a line under the TM. Under the line, write the TM number of the manual you will use next. After you finish the PMCS and list all faults you cannot fix, give the form to the maintenance supervisor.

##### **Corrective Action.**

a. Explain corrective actions taken.

b. If parts are needed, the mechanic will enter the NSN or part number in this column.

c. Faults that need support maintenance will go on a ULLS, generated maintenance request. Print (SPT-MAINT) in this column.

d. The commander's designated representative will decide what maintenance can be delayed. Faults that do not affect the operation of the equipment and the operator's safety can be deferred because

: (1) Support is backed up and cannot get to the equipment right away.

(2) The needed repair part is not on hand.

(3) Other reasons at the commander's discretion.

e. Those faults that the commander's designated representative decides to defer will be printed in this column.

##### **Initials.**

a. The mechanic initials any dash or diagonal status symbols that are fixed. For status symbol "X", the mechanic's initials will go on the last line for entry. The inspector or a designated rep will check all corrected status symbol "X" faults. The inspector will then initial the status symbol. The person who did the work initials in the initial column.

b. For quality control, the worksheet will be maintained on file until the next service is completed.

DATE: 27-OCT-92 OPERATOR QUALIFICATION RECORD DA FORM 348-E

LAST NAME: DUTRA FIRST NAME: ANN INITIAL: K

DOB: 17-APR-53 SEX: F WT: 99 HT: FT 5 IN 1 HAIR: BRO EYES: GRE

SOCIAL SECURITY NUMBER: 324-14-3241 LICENSE EXPIRATION DATE: 01-OCT-95

MILES SINCE LAST ACTION: 097697 HOURS SINCE LAST ACTION: 000099

DAYS SINCE LAST ACTION: 000004 TOTAL MILES DRIVEN: 097697

COMMANDER'S SIGNATURE: Randy P. Cash crr

## EQUIPMENT QUALIFICATIONS

| EQ CLS CD | CODE DESCRIPTION      | DATE QUALIFIED |
|-----------|-----------------------|----------------|
| E3        | GENR 200 KW AND BELOW | 01-OCT-92      |
| LI        | LICENSE ISSUED        | 06-OCT-92      |
| T1        | M1 FAMILY             | 12-SEP-92      |
| T2        | M2/3 FAMILY           | 12-SEP-92      |
| T3        | M113 FAMILY EXC M548  | 12-SEP-92      |
| W1        | 1 - 1/4 TON AND BELOW | 21-OCT-92      |

| CODE | DATE      | DESCRIPTION         | VERIFIER |
|------|-----------|---------------------|----------|
| R1   | 26-OCT-92 | EYEGLASSES REQUIRED | DELGADO  |
| R2   | 26-OCT-92 | DAYLIGHT ONLY       | DELGADO  |

| CODE | DATE      | DESCRIPTION            | VERIFIER |
|------|-----------|------------------------|----------|
| AA   | 23-OCT-92 | DRUNK DRIVING AT NIGHT | GARCIA   |

Figure 12-6. Sample of an ULLS generated DA Form 348-E, Operator Qualification Record

Legend for Figure 12-6:

Completion instructions for ULLS generated Operator Qualification Record/DA Form 348-E (Automated). This listing is produced as required, but always when you are adding a new operator or changing an already registered operator. This is to ensure that the new/updated data is correct and verified by the operator driver. This listing will also be provided to the operator upon reassignment to a new unit. Then, delete the record from the file.

**Operator Information**

- (1) **Last Name.** Self-explanatory.
- (2) **First Name.** Self explanatory.
- (3) **Initial.** Operator's middle initial.
- (4) **DOB.** Date of Birth.
- (5) **Sex.** Self Explanatory.
- (6) **WT.** Weight in pounds.
- (7) **HT, FT, IN.** Height in feet and inches.
- (8) **Hair.** Color.
- (9) **Eyes.** Color.
- (10) **Social Security Number.** Self Explanatory.

(11) **Miles Since Last Action.** Number of miles recorded for the operator since last award, accident, etc.

(12) **Days Since Last Action.** Cumulative days since last action posted. (System calculates from latest "AA" remarks code date to current date; i.e., latest Remark code date = 1 Jan 91 and current date = 1 Jan 92, then last days since last action = 365.)

(13) **License Expiration Date.** License Expiration Date.

(14) **Hours Since Last Action.** Number of Hours recorded since last action (award, accident, etc.).

(15) **Total Miles Driven.** Shows total accumulated miles driven.

(16) **Commander's Signature—Primarily used when an individual transfers.** This verifies information and qualifications.

**Equipment Qualifications**

This section is used to record the driver's equipment class code, code description, and date qualified.

**The Code, Date, Description, and Verified Section reflects restrictions/actions.** The last grouping shown displays a record of accident data, traffic violations, safety awards earned, etc. "OO" codes reflect special training, and "AA" codes reflect awards, accidents, etc.

**Verifier.** The person verifying the remarks/action will be entered by the ULLS operator.

DATE: 06-OCT-92

CLASS CODES

DA FORM 5985-E

B CO 703 INF BN

DODAAC: WK4WRC

| CODE | DESCRIPTION               |
|------|---------------------------|
| A1   | COMM VEH BELOW 10,000 #   |
| A2   | COMM VEH OVER 10,000 #    |
| B1   | BUSES LESS THAN 25 PASS   |
| B2   | BUS 25 PASS AND BELOW     |
| B3   | BUS 48 PASS AND BELOW     |
| B4   | BUS 90 PASS AND BELOW     |
| C1   | CRANE 5 TON               |
| C2   | CRANE 7 1/2 TON           |
| C3   | CRANE 12 1/2 TON          |
| C4   | CRANE 20 TON              |
| C5   | CRANE 25 TON              |
| C6   | CRANE 40 TON              |
| C7   | CRANE 65 TON              |
| C8   | CRANE 140 TON             |
| C9   | CRANE 250 TON             |
| D1   | BULLDOZER, ALL MODELS     |
| D2   | SCRAPERS, ALL MODELS      |
| D3   | GRADERS, ALL MODELS       |
| D4   | BACKHOE, ALL MODELS       |
| D5   | SCOOPLOADER, ALL MODELS   |
| D6   | ROLLER, ALL MODELS        |
| DM   | ENGINEER EQUIP ALL        |
| E1   | GENR 10 KW AND BELOW      |
| E2   | GENR 60 KW AND BELOW      |
| E3   | GENR 200 KW AND BELOW     |
| E4   | POWER STATION OVER 200 KW |
| F1   | TRACTOR WAREHOUSE         |
| G1   | COMPRESSOR 175PSI & BELOW |
| G2   | COMPRESSOR 750PSI & BELOW |
| G3   | COMPRESSOR OVER 750 PSI   |
| H1   | FORKLIFT 6000 LB & BELOW  |
| H2   | F/L RT 10000 LB & BELOW   |
| H3   | F/L RT 50000 LB CONT HAND |
| I1   | FORKLIFT ELECTRIC, ALL    |
| L1   | LICENSE ISSUED            |
| P1   | PUMP 225 GPM & UNDER      |
| P2   | PUMP OVER 225 GPM         |
| QA   | AWARD WHL VEH DRIVER      |
| QB   | AWARD TRACKED VEH DRIVER  |
| QC   | AWARD DRIVER - M          |

Figure 12-7. Sample of an ULLS generated DA Form 5985-E, Class Codes

## Legend for Figure 12-7:

This report will be generated as required. Dispose of this listing when no longer needed. This listing is produced by Unit and DODAAC.

**Code.** The Equipment Class Code as recorded within ULLS. This code is used in the dispatch process to check if the operator is qualified to operate a specific piece of equipment.

**Description.** The narrative description of the Equip Class Code as recorded within ULLS.



| DATE: 06-OCT-92 |              | EQUIPMENT AVAILABILITY |           | AWCMF417 |
|-----------------|--------------|------------------------|-----------|----------|
| DODAAC: WK4WRC  |              | B CO 703 INF BN        |           |          |
| ADMIN NUM       | MODEL        | NOUN                   | STATUS    |          |
| H99             | M3           | MACHINE GUN, 50 CAL    | AVAILABLE |          |
| B3              | M3A4         | GENERATOR, SMOKE MPJ   | W/O DSU   |          |
|                 |              |                        | DISP      |          |
| B18             | M3A3         | GENERATOR, SMOKE MPJ   | AVAILABLE |          |
| B9              | M876WW       | TRK MAINT TEL CNT WW   | D/L PARTS |          |
|                 |              |                        | D/L ORG   |          |
|                 |              |                        | D/L ORG   |          |
|                 |              |                        | DISP      |          |
| B11             | M876WW       | TRK MAINT TEL CNT WW   | AVAILABLE |          |
| B29             | M559         | TRUCK TNK FS 2.5K GAL  | AVAILABLE |          |
| B27             | M559         | TRUCK TNK FS 2.5K GAL  | AVAILABLE |          |
| B12             | M55WW        | TRK CGO 5T XLWB WW     | W/O DSU   |          |
| B15             | M55WW        | TRK CGO 5T XLWB WW     | AVAILABLE |          |
| B16             | M55WW        | TRK CGO 5T XLWB WW     | AVAILABLE |          |
| B22             | M113A2       | CARRIER PERSONNEL      | D/L ORG   |          |
|                 |              |                        | W/O DSU   |          |
| B5              | M3           | MACHINE GUN, 50 CAL    | AVAILABLE |          |
| B7              | AN/VRC-88A   | RADIO SET              | AVAILABLE |          |
| B1              | AN/VRC-90A   | RADIO SET              | AVAILABLE |          |
| B28             | M1A1         | TANK, COMBAT, FT       | AVAILABLE |          |
| B28             | M2           | MACHINE GUN, 50 CAL    | AVAILABLE |          |
| B28             | M240         | MACHINE GUN, 7.62MM    | AVAILABLE |          |
| B22             | AN/VRC-88A   | RADIO SET              | AVAILABLE |          |
| B22             | AN/GRC - 160 | RADIO SET              | AVAILABLE |          |

Figure 12-9. Sample of an ULLS generated AWCMF417, Equipment Availability Report

Legend for Figure 12-9:

This report is produced by DODAAC and Unit.

**Admin No.** Self-explanatory

**Model.** Displays the model of the equipment.

**Noun.** Name of the equipment.

**Status.** The status of the vehicle; e.g., available, deadlined, dispatched, etc. Dispose of this form when no longer needed.

```

DATE: 06-OCT-92      SERVICE SCHEDULE      AWCME452
DODAAC: WK4WRC      B CO 703 INF BN

-----
ADMIN NUM: WS2      READING: K 098164

NSN: 2350010871095  MODEL: M1A1      NOUN: TANK, COMBAT, FT
PUB DATA:  TM 9-2350-264-10-1      10 09/90 LAST SERVICE: B 28-SEP-92
              TM 9-2350-264-10-2      10 09/90

              SERVICE DATA

DATE TYPE SERVICE DUE      INTERVAL DAYS      READING DUE
05-OCT-92      W      007      K      399
28-OCT-92      M      030      K      699
27-DEC-92      Q      090      K      1499
27-MAR-93      S      180      K      2699
29-SEP-93      A      365      K      5099
29-SEP-94      B      730      K      9899
10-OCT-92      Z      0      K      101
01-OCT-92      L1      100
01-NOV-92      L2      200
01-DEC-92      L3      300

```

Figure 12-10. Sample of an ULLS generated AWCME452, Service Schedule

## Legend for Figure 12-10:

This listing gives you the information which was being reflected on the front side of the manual DD Form 314.

- (1) **Admin Num.** Self-explanatory.
- (2) **Reading.** Displayed by "K" for Kilometers or "M" for miles.
- (3) **NSN.** Shows the National Stock Number of the item.
- (4) **Model.** Model number of the item.
- (5) **Noun.** Name of the item.

(6) **Pub Data.** Displays latest publications and date pertinent to this item.

(7) **Last Service.** Last service accomplished by code (see ULLS End User Manual or Chapter 3 of this pamphlet) and date.

**Service Data shown is:** (1) **Date Type Service Due.** Self-explanatory.

(2) **Interval Days.** Shows days between service.

(3) **Reading Due.** Shows "K" (for kilometers) or "M" (for miles) and reading for next service.

|                                           |  |                         |                     |                      |  |
|-------------------------------------------|--|-------------------------|---------------------|----------------------|--|
| DATE: 27-OCT-92                           |  | MAINTENANCE REQUEST     |                     | DA FORM 5990-E       |  |
| ----- CUSTOMER DATA -----                 |  |                         |                     |                      |  |
| UIC: WH99B0                               |  | B CO 703 INF BN         |                     | PHONE: (883)212-3131 |  |
| UTIL CODE: 0                              |  |                         |                     |                      |  |
| ----- ACTIVITY DATA -----                 |  |                         |                     |                      |  |
| SUP WON:                                  |  | B CO 703 MAINT BN       |                     | PHONE: 331-2820      |  |
| SUP UIC: WH99BA                           |  |                         |                     | SHOP SEC:            |  |
| ----- EQUIPMENT DATA -----                |  |                         |                     |                      |  |
| TYPE MNT REQ: 1                           |  | ID: A                   | NSN: 2320005798985  | MODEL: M884          |  |
| NOUN: TK CGO 1.25T                        |  | SER NUM: W24BE7S2114595 |                     | QTY: 00001           |  |
| ORG WON: H99B01200015                     |  | PRIORITY: 12            | FAILURE DETECTED: D |                      |  |
| MI/KM: M 038375                           |  | HOURS: 000000           | ROUNDS:             |                      |  |
| IN WARRANTY: N                            |  | LEVEL OF WORK: F        | ADMIN NUM: B8       |                      |  |
| MALFUNCTION/REMARKS: TRANSMISSION FAILURE |  |                         |                     |                      |  |
| PD AUTHENTICATING SIGNATURE: _____        |  |                         |                     |                      |  |
| ----- SIGNATURE DATA -----                |  |                         |                     |                      |  |
| SUBMITTED BY: _____                       |  | ORD DATE: _____         | MIL TIME: _____     |                      |  |
| ACCEPTED BY: _____                        |  | STATUS: _____           | ORD DATE: _____     | MIL TIME: _____      |  |
| ----- ACTION DATA -----                   |  |                         |                     |                      |  |
| WORK STARTED BY: _____                    |  | STATUS: _____           | ORD DATE: _____     | MIL TIME: _____      |  |
| INSPECTED BY: _____                       |  | STATUS: _____           | ORD DATE: _____     | MIL TIME: _____      |  |
| PICKED UP BY: _____                       |  | STATUS: _____           | ORD DATE: _____     | MIL TIME: _____      |  |
| ----- COMPLETION DATA -----               |  |                         |                     |                      |  |
| QTY RPR: _____                            |  | QTY CONDEMNED: _____    | NRTS: _____         |                      |  |
| EVAC WON: _____                           |  | EVAC UNIT NAME: _____   |                     |                      |  |

Figure 12-11. Sample of an ULLS generated DA Form 5990-E, Maintenance Request

## Legend for Figure 12-11:

Completion instructions for ULLS generated Maintenance Request (DA Form 5990-E (Automated)).

**Customer Data:**

All data within this section is ULLS generated and self-explanatory.

**Activity Data:**

Displays all support activity data.

**SUP WON.** Blank. Support work order number will be assigned by support maintenance activity.

**Name of Maintenance Activity.** ULLS generated; self-explanatory.

**Phone.** ULLS generated; self-explanatory.

**SUP UIC.** The support maintenance activity's UIC.

**Shop Section.** Blank. Assigned by support maintenance activity.

**Equipment Data:**

**Type MNT REQ.** ULLS operator enters alpha/numeric code which

identifies the type of maintenance required on an item of equipment. For a definition of the codes, see the ULLS EM.

**ID.** The identifying number code which identifies whether the equipment is for an NSN, part number, or other numbers.

**NSN.** The National Stock Number or other number for the equipment.

**Model.** Self-explanatory.

**Noun.** Self-explanatory.

**SER NUM.** Serial Number. Self-explanatory.

**QTY.** Quantity. Enter the number of items on the work request.

**ORG WON.** The ULLS generated organizational work order number.

**Priority.** The ULLS operator will enter the priority designator (PD) for the request. Assign PDs based on the Urgency of Need Designator (UND) and Force Activity Designator (FAD). AR 750-1, AR 710-2, and AR 725-50 cover assignment of PDs.

**Failure Detected.** For values and explanation, see Appendix B, Table B-3, or the ULLS EM.

**MI/KM.** The miles/kilometers recorded within ULLS.

**Hours.** If applicable; ULLS generated entry.

**Rounds.** If applicable; manual entry.

**In Warranty.** ULLS generated entry. Y if under warranty; N is not under warranty.

**Level of Work.** ULLS generated entry.

**Admin NUM.** ULLS generated based on ULLS operator input.

**Malfunction/Remarks—The ULLS operator will enter a brief description of the malfunction or symptom.**

**PD Authenticating Signature.** The CO or the CO's designated representative signs for all priority 01 through 10 requests. The signature approves the use of the PD.

**Signature Data:**

**Submitted by.** The person submitting the request signs on this line.

**ORD Date.** The person submitting this request will enter the ordinal date; e.g., 11 Sep 90 would be entered as 90254.

**MIL Time.** Enter the Military time that the maintenance request was accepted.

**Accepted By.** The person accepting the maintenance requests signs on this line.

**Status.** The person accepting the request will enter an A. This will relay back to the ULLS customer that the equipment is awaiting initial inspection.

**ORD Date.** The person submitting the maintenance request will enter the ordinal date; e.g., 11 Sep 90 would be entered 90254.

**MIL Time.** Enter the military time that the maintenance request was accepted.

**Action Data:**

**Support Maintenance will fill out the following blocks:**

**Work Started By.** The person assigned to do the work reflected on the maintenance request signs on this line.

**Status.** The person who signed the "Work Started By" will annotate completion status. Appendix B, Table B-21, lists work request status codes (STA). In addition, the ORD Date and MIL Time will be annotated in the space provided.

**Inspected By.** The person inspecting the equipment will sign on this line.

**Status.** Annotate the work request status code that applies. In addition, the ORD Date and MIL Time will be annotated in the space provided.

**Picked Up By.** The person picking up the equipment will sign on this line.

**Status.** Always annotate "U" (pickup). In addition, the ORD Date and MIL Time will be annotated in the space provided.

**Completion Data:**

**QTY RPR.** The support maintenance activity will annotate the quantity of part(s) repaired.

**QTY Condemned.** The support maintenance activity will annotate the quantity of items condemned.

**NRTS.** The support maintenance activity will annotate the quantity of items not repairable this station.

**EVAC WON.** If item is evacuated, the work order number assigned by the receiving activity will be annotated on this line.

**EVAC Unit Name.** Annotate the name of the unit to whom the equipment is evacuated.

| DATE: 27-OCT-92             |              | MAINTENANCE REQUEST REGISTER |      |      | DA FORM 5989-E |       |
|-----------------------------|--------------|------------------------------|------|------|----------------|-------|
| DODAAC: WK4WRC              |              | B CO 703 INF BN              |      |      |                |       |
| ADMIN#                      | ORG WON      | SUP WON                      | NMCS | NMCM | STATUS         | DATE  |
| B18<br>TRANSMISSION CRA     | H99B00200003 | H99BA2264003                 | 0012 | 0008 | B              | 92264 |
| B11<br>CHECK/ADJUST HYD SYS | H99B00200005 |                              | 0000 | 0000 |                | 00000 |
| H99<br>FIRING PIN BROKE     | H99B00200012 |                              | 0000 | 0000 |                | 00000 |
| B3<br>THROTTLE LINKAGE      | H99B01200008 |                              | 0000 | 0000 |                | 00000 |
| B22<br>BROKE                | H99B01200011 |                              | 0000 | 0000 |                | 00000 |
| B8<br>TRANSMISSION FAI      | H99B01200015 |                              | 0000 | 0000 |                | 00000 |

Figure 12-12. Sample of an ULLS generated DA Form 5989-E, Maintenance Request Register

Legend for Figure 12-12:

This listing is printed as required. It provides a list of all ORGWON maintenance requests forwarded to support units. Dispose of when no longer needed.

**ADMIN #.** The administration number of the equipment.

**ORG WON.** The organizational work order number (ULLS assigned).

**SUP WON.** The support work order number assigned. Input when

SAMS transaction disk is loaded through automated maintenance status.

**NMCS.** Number of hours equipment is down for Not Mission Capable Supply.

**NMCM.** Number of hours equipment is down for Not Mission Capable Maintenance.

**STATUS.** The work request status code. See Appendix B, Table B-21.

**Date.** The date of status.

```

OPERATOR'S PERMIT                                OF 346E:
-----:
U.S. ARMY MOTOR VEHICLE                          :
OPERATOR'S IDENTIFICATION CARD                   :
Name of Operator      MI      Sex  Date Issued:
GLYNN      JOSEPH      E      M      12-NOV-92:
Height  Weight  Date of Birth  SSN      Date Expired:
5 10      195      12-NOV-43      012-32-9109  12-NOV-99 :
Color of                                     :
Hair  Eyes                                     :
BRN      BRN                                     :
-----:
SIGNATURE OF OPERATOR:
Name/Loc Issue Unit                                     :
B CO 703 INF BN      CPT RANDY P. CASH      :
MANHEIM, FRG  APO NY 96217      WO2 YANCY K. TURPIN :
NOT TRANSFERABLE: CARD REQUIRED TO OPERATE GOVT VEHICLE:
PREVACY ACT OF 1974 APPLIES                                     :
-----:
COMM VEH BELOW 10,000 #      COMM VEH OVER 10,000 #      :
M1 FAMILY      M2/3 FAMILY      :
M113 FAMILY EXC M548      1 - 1/4 TON AND BELOW      :

```

Figure 2-13. Sample of an ULLS generated OF 346E, Operator's Permit

Legend for Figure 2-13:

*Completion instructions for ULLS generated U.S. Army Motor Vehicle Operator's Identification Card (OF 346E)*

**Name of Operator.** The operator's last and first name.

**MI.** The operator's middle initial.

**Sex.** M for male; F for female.

**Date Issued.** Self-explanatory.

**Height.** Self-explanatory.

**Weight.** Self-explanatory.

**Date of Birth.** Self-explanatory.

**SSN.** Operator's Social Security Account Number.

**Date expired.** Date the license will expire.

**Color of Hair/Eyes.** Self-explanatory.

**Signature of Operator.** The operator whose name appears will sign here.

**Name/Loc Issue Unit.** The name and location of the issuing unit. In addition, this block contains the name and title of the issuing officer. The issuing officer will sign above name.

The date below the dotted line displays Operator's qualifications and/or restrictions.

DATE: 06-OCT-92 DISPATCH CONTROL LOG DA FORM 5982-E

DODAAC: WK4WRC B CO 703 INF BN UIC: WH99B0  
 ADMIN NUMBER: B8 DESTINATION: TANK RANGE 8  
 D/L AUTH: SCH SVC AUTH: DISPATCHER: PFC GARCIA

DATE/TIME DISPATCHED DATE/TIME EXP RETURN DATE/TIME RETURNED  
 01-OCT-92 / 1030 01-OCT-92 / 1730 06-OCT-92 / 1408

OPERATOR #1 NAME/LIC NUM: DUTRA / D3241 REMARKS IN:  
 OPERATOR #2 NAME/LIC NUM: GLYNN / G9109

OFFICIAL USER'S NAME/PHONE: CPT ROBERT SCHMIDT / 331-2121  
 REMARKS OUT:

---

ADMIN NUMBER: B1 DESTINATION: RANGE 18  
 D/L AUTH: SCH SVC AUTH: DISPATCHER: PFC GARCIA

DATE/TIME DISPATCHED DATE/TIME EXP RETURN DATE/TIME RETURNED  
 01-OCT-92 / 1017 01-OCT-92 / 1730 --- / ---

OPERATOR #1 NAME/LIC NUM: DOOLEY / D0443 REMARKS IN:  
 OPERATOR #2 NAME/LIC NUM: /

OFFICIAL USER'S NAME/PHONE: CPT ROBERT SCHMIDT / 331-2121  
 REMARKS OUT:

---

ADMIN NUMBER: B22 DESTINATION: RANGE 18  
 D/L AUTH: SCH SVC AUTH: DISPATCHER: PFC GARCIA

DATE/TIME DISPATCHED DATE/TIME EXP RETURN DATE/TIME RETURNED  
 28-SEP-92 / 1325 28-SEP-92 / 1730 --- / ---

OPERATOR #1 NAME/LIC NUM: DABNEY / D1234 REMARKS IN:  
 OPERATOR #2 NAME/LIC NUM: /

OFFICIAL USER'S NAME/PHONE: CPT ROBERT SCHMIDT / 331-2121  
 REMARKS OUT:

Figure 12-14. Sample of an ULLS generated DA Form 5982-E, Dispatch Control Log

Legend for Figure 12-14:

This listing is produced as required. However, this form will always be produced prior to purging the Dispatch Control Log when equipment

has been involved in an accident or other situation under investigation. Dispose of the listing after the investigation is complete. For other than investigations, dispose of IAW local SOP.

This listing replaces the requirement to maintain a DA Form 2401. All entries are self-explanatory, except D/L Auth and Sch Svc Auth, which are not used at this time.

DATE: 07-OCT-92 EQUIPMENT PERIODIC USAGE DA FORM 5992-E

UIC: WH99B0 B CO 703 INF BN UTIL CODE: 0

| ADMIN# | MODEL | NSN           | SERIAL NUMBER | REG NUM | YR | USAGE    |
|--------|-------|---------------|---------------|---------|----|----------|
| B23    | M3    | 1005003229716 | 2326751       | N45256  | 80 | M 009990 |
| B21    | M3    | 1005003229716 | 992753        | N16823  | 80 | M 000001 |
| B8     | M3A3  | 1040005873618 | 677621        | Q4193   | 88 | M 000001 |
| B1     | M3A4  | 1040011439506 | 129863        | H38517  | 88 | M 000001 |

Figure 12-15. Sample of an ULLS generated DA Form 5992-E, Equipment Periodic Usage Report

Legend for Figure 12-15:

**DATE.** The date of the report (prints automatically).

**UIC.** Unit Identification Code.

**UNIT NAME.** Self-explanatory.

**UTIL CODE.** Utilization Code. See Appendix B, Table B-6, for an explanation of these codes.

**ADMIN #.** ULLS generated.

**MODEL.** The equipment model.

**NSN.** National Stock Number.

**SERIAL NUMBER.** Equipment's serial number.

**REG NUM.** U.S. Army Registration Number.

**YR.** Year of manufacture.

**USAGE.** Total cumulative miles or kilometers usage reading. The reading is prefixed with an "M" or "K" to designate the type usage (miles or kilometers) being reported.

DATE: 07-JAN-93 \*76-79  
 EQUIPMENT PERIODIC USAGE  
 DA FORM 5992-E  
 UIC: WH99BO → 7-12 B CO 703 INF BN  
 UTIL CODE: 0 → 13

| ADMIN# | MODEL       | NSN           | SERIAL NUMBER | REG NUM | YR | USAGE    |
|--------|-------------|---------------|---------------|---------|----|----------|
| B100   | M998        | 2320011077155 | 53061         | NG3CEM  | 83 | M 006650 |
| B101   | M998        | 2320011077155 | 52038         | NG3AJU  | 79 | M 007388 |
| B12    | M998        | 2320011077155 | 50493         | NG38NA  | 88 | M 010987 |
| B120   | M1037       | 2320011147193 | 59585         | NG3C8N  | 89 | M 003709 |
| B125   | M151A2/ROPS | 2320012644819 | B15166552     | NB0T9Y  | 76 | M 017210 |
| B128   | M151A2      | 2320001779258 | A15128365     | NB01GU  | 76 | M 041976 |
| B51    | M1009       | 2320011232665 | J9GH111662    | NF0FEL  | 86 | M 061480 |
| B67    | M997        | 2310011112274 | 47404         | NG22PN  | 88 | M 001509 |
| B2     | M886        | 2310005799078 | BE7S091451    | NG08N8  | 87 | M 021376 |
| B78    | SECM1975    | 4940010162262 | SECM2570      | NG12DX  | 76 | M 026740 |
| B89    | M1008 W/E   | 2320011236827 | J5FF148643    | NF0B6K  | 85 | M 026732 |
| B11    | M1025       | 2320011289551 | 6250          | NG21JV  | 85 | M 007540 |
| B60    | M1010       | 2310011232666 | J4GF442010    | NG2FP3  | 86 | M 021655 |
| B56    | M880        | 2320005798942 | BE7S165494    | NG0VV9  | 77 | M 004191 |
| B5     | M35         | 2320008358463 | M41829        | 4A4554  | 57 | M 043584 |
| B89    | M966        | 2320011770153 | 6603          | NG1ZWY  | 85 | M 010110 |
| B25    | M151A1      | 2320007631092 | A15140242     | NB0BP7  | 73 | M 026321 |
| B93    | M109        | 2320008358515 | M34192        | 4E8209  | 70 | M 005907 |
| B55    | M884        | 2320005798985 | BE7S289570    | NG07L9  | 86 | M 059810 |
| B77    | M1008A1     | 2320011232671 | J7EF108997    | NF1309  | 86 | M 005814 |
| B1     | M1028A1     | 2320011580820 | J9GF892561    | NF0519  | 85 | M 068145 |

Figure 12-16. Sample of an ULLS generated DA Form 5992-E, Equipment Periodic Usage Report, with instructions for data reduction

## Legend for Figure 12-16:

Completion instructions for data reduction of information contained on the Equipment Periodic Usage Report (DA Form 5992-E (Automated)).

## Position Special Instructions

1-6 Leave blank.

7-12 Enter UIC.

13 Enter Utilization Code.

14 Leave blank.

15-22 Enter model—no special characters (i.e., slashes/dashes, etc).

23-35 Enter NSN—no special characters—left justify.

36-45 Enter Serial Number(right justify—do not prefix with zeros and no special characters—enter the last 10 characters only.).

46-53 Enter Registration Number (do not prefix with zeros or enter special characters—right justify. Alpha O and I will be entered as zero (0) or one (1)).

54 Leave blank.

55 Enter "M".

56-57 Year of Mfg-enter the two digit year of manufacture (i.e., 93).

58 Enter "M" for miles; "K" for kilometers to indicate type usage being reported.

59 Enter "C".

60-64 Leave blank.

65-70 Enter the usage information (miles or kilometers)-right justify and prefix with zeroes.

71-75 Leave blank.

76-79 Enter Julian Date of report (i.e., 3007)

Note: Date must be converted to Julian date before submitting to Data Reduction Centers.80 Enter "J".

DATE: 07-OCT-92

EXCESS MANAGEMENT REPORT  
FOR DODAAC: WK4WRC

| NIIN      | NOUN      | LOC    | STOCK<br>CD | AUTH | O/H | QUANTITY<br>D/I | O/O | EXCESS |
|-----------|-----------|--------|-------------|------|-----|-----------------|-----|--------|
| 00424165  | TRANSMIT  | 2A60   | DS          | 1    | 3   | 0               | 0   | 00002  |
| 000446914 | LAMP INC  | NO LOC | DS          | 0    | 1   | 6               | 6   | 00001  |
| 000500810 | ARM WIND  | 2C10   | DS          | 1    | 0   | 2               | 0   | 00001  |
| 000424165 | WINDOW    | 2D60   | DS          | 1    | 3   | 0               | 0   | 00002  |
| 000446774 | LAMP INC  | NO LOC | DS          | 0    | 1   | 6               | 6   | 00001  |
| 000500220 | ARM WIND  | 2B10   | DS          | 1    | 0   | 2               | 0   | 00001  |
| 000455165 | TRANSMIT  | 2E60   | DS          | 1    | 3   | 0               | 0   | 00002  |
| 000500990 | ARMS      | 2F10   | DS          | 1    | 0   | 2               | 0   | 00001  |
| 000344165 | BOLT      | 1C60   | DS          | 1    | 3   | 0               | 0   | 00002  |
| 000446914 | LAMP      | NO LOC | DS          | 0    | 1   | 6               | 6   | 00001  |
| 000588810 | ARM       | 2M10   | DS          | 1    | 0   | 2               | 0   | 00001  |
| 000500810 | ARM WIND  | 2C10   | DS          | 1    | 0   | 2               | 0   | 00001  |
| 000446914 | LAMP, INC | NO LOC | DS          | 0    | 1   | 6               | 6   | 00001  |

Legend for Figure 12-17;

Note: See Chapter 12, Paragraph 12-16a.

Figure 12-17. Sample of an ULLS generated Excess Management Report

DATE: 27-OCT-92

## COMMANDER'S EXCEPTION REPORT

AWCSF176

| DOCUMENT NUMBER  | DESCRIPTION | ADMIN<br>NUMBER | QTY   | PRI | EXTENDED<br>PRICE | INITIALS |
|------------------|-------------|-----------------|-------|-----|-------------------|----------|
| WK4WRC 2296 0001 | BATTERY     | PLL             | 00001 | 02  | \$ 115.42         | _____    |
| WK4WRC 2296 0002 | PARTS KI    | PLL             | 00003 | 02  | \$ 5.98           | _____    |
| WK4WRC 2296 0003 | FILTER      | PLL             | 00010 | 05  | \$ 9.47           | _____    |

-----  
COMMANDER'S SIGNATURE

DATE: 27-OCT-92

## COMMANDER'S FINANCIAL TRANSACTION LISTING

| DOCUMENT NUMBER  | DESCRIPTION | ADMIN<br>NUMBER | QUANTITY | PRIORITY | EXTENDED<br>PRICE |
|------------------|-------------|-----------------|----------|----------|-------------------|
| WK4WRC 2296 0001 | BATTERY     | B14             | 00001    | 02       | \$ 115.42         |
| WK4WRC 2296 0002 | BATTERY     | PLL             | 00001    | 02       | \$ 115.42         |
| WK4WRC 2296 0003 | PARTS KI    | B140            | 00001    | 05       | \$ 5.98           |
| GRAND TOTAL      |             |                 |          |          | \$ 236.82         |

Legend for Figure 12-18;

Note: See Chapter 12, Paragraph 12-16b.

Figure 12-18. Sample of an ULLS generated AWCSF-176, Commander's Exception Report and Financial Transaction Listing

|                 |                      |          |
|-----------------|----------------------|----------|
| DATE: 07-OCT-92 | SERVICE SCHEDULE DUE | AWCMF450 |
| DODAAC: WK4WRC  | B CO 703 INF BN      |          |

---

|                    |             |                            |
|--------------------|-------------|----------------------------|
| NSN: 1040011439506 | MODEL: M3A4 | NOUN: GENERATOR, SMOKE MPJ |
|--------------------|-------------|----------------------------|

|                               |    |       |
|-------------------------------|----|-------|
| PUBLICATION: TM 3-1040-276-10 | 10 | 09/85 |
| TM 3-1040-276-23              | 10 | 10/85 |

SERVICE DATA

|           |                  |               |             |
|-----------|------------------|---------------|-------------|
| ADMIN NUM | DATE SERVICE DUE | INTERVAL DAYS | READING DUE |
| B3        | 01-SEP-93 A      | 365           | M 2         |

---

|                    |             |                            |
|--------------------|-------------|----------------------------|
| NSN: 1040005873618 | MODEL: M3A3 | NOUN: GENERATOR, SMOKE MPJ |
|--------------------|-------------|----------------------------|

|                                |    |       |
|--------------------------------|----|-------|
| PUBLICATION: TM 3-1040-202-ESC | 10 | 10/73 |
| TM 3-1040-202-12               | 10 | 12/75 |

SERVICE DATA

|           |                  |               |             |
|-----------|------------------|---------------|-------------|
| ADMIN NUM | DATE SERVICE DUE | INTERVAL DAYS | READING DUE |
| B11       | 01-SEP-93 A      | 365           | M 2         |

---

|                    |               |                            |
|--------------------|---------------|----------------------------|
| NSN: 2320000000114 | MODEL: M876WW | NOUN: TRK MAINT TEL CNT WW |
|--------------------|---------------|----------------------------|

|                               |    |       |
|-------------------------------|----|-------|
| PUBLICATION: TM 9-2320-269-10 | 12 | 08/92 |
| TM 9-2320-269-10-HR           | 12 | 08/92 |

SERVICE DATA

|           |                  |               |             |
|-----------|------------------|---------------|-------------|
| ADMIN NUM | DATE SERVICE DUE | INTERVAL DAYS | READING DUE |
| B23       | 25-OCT-92 M      | 030           | M 1100      |
| B18       | 21-DEC-92 Q      | 090           | M 1500      |
| B10       | 20-MAR-93 S      | 180           | M 2700      |
| B22       | 01-SEP-93 A      | 365           | M 5100      |
| B36       | 12-SEP-93 A      | 365           | M 10100     |

---

|                    |             |                             |
|--------------------|-------------|-----------------------------|
| NSN: 2320004457250 | MODEL: M559 | NOUN: TRUCK YNK FS 2.5K GAL |
|--------------------|-------------|-----------------------------|

|                               |    |       |
|-------------------------------|----|-------|
| PUBLICATION: TM 9-2320-233-10 | 10 | 06/76 |
| TM 9-2320-233-10-HR           | 10 | 05/83 |

SERVICE DATA

|           |                  |               |             |
|-----------|------------------|---------------|-------------|
| ADMIN NUM | DATE SERVICE DUE | INTERVAL DAYS | READING DUE |
| B35       | 12-OCT-92 M      | 030           | M 700       |
| B19       | 21-MAR-93 S      | 180           | M 2700      |

Legend for Figure 12-19;  
Note: See Chapter 12, Paragraph 12-16c.

Figure 12-19. Sample of an ULLS generated AWCMF450, Service Schedule Due Report

DATE: 29-SEP-92 PLL INVENTORY REPORT  
FOR DODAAC: WK4WRC

| LOCATION | NIIN      | NOUN      | STOCK<br>CODE | UI | QTY ON<br>HAND | QUANTITY<br>INVENTORIED |
|----------|-----------|-----------|---------------|----|----------------|-------------------------|
| A12A1    | 011181318 | BELTS,V   | DS            | SE | 2              | _____                   |
| A13A1    | 009663831 | LAMP,INC  | CS            | EA | 1              | _____                   |
| A13A2    | 003792815 | BELTS,V   | NS            | SE | 1              | _____                   |
| A14A1    | 011476410 | BELT,V    | DS            | EA | 2              | _____                   |
| A14A3    | 010466949 | SWITCH,R  | CS            | EA | 1              | _____                   |
| A06A1    | 008567095 | PARTS KI  | DS            | EA | 2              | _____                   |
| B-14     | 001776160 | HOSE AS   | CS            | EA | 1              | _____                   |
| B01A1    | 011482792 | BELT,V    | DS            | EA | 1              | _____                   |
| B01B2    | 009059792 | FILTERS,F | DS            | EA | 1              | _____                   |
| B02B1    | 001345036 | SWITCH,R  | DS            | EA | 1              | _____                   |
| B02B2    | 006863298 | CKTBREAK  | CS            | EA | 1              | _____                   |

Figure 12-20. Sample of an ULLS generated PLL Inventory Report

Legend for Figure 12-20:

Note: See Chapter 12, Paragraph 12-16d.

DATE: 13-OCT-92 PARTS RECEIVED NOT INSTALLED AWCMP436  
DODAAC: WK4WRC UNIT & CO 703 INF BN

| DOC NUM   | NIIN      | QTY DUE | QTY REC | FAULT NUM | DATE COMP | ADMIN# |
|-----------|-----------|---------|---------|-----------|-----------|--------|
| 2238 0710 | 008400022 | 00000   | 00001   | 0004      | 92240     | RHC-3  |
| 2238 0711 | 009876543 | 00000   | 00002   | 0001      | 92241     | RHC-5  |
| 2239 0711 | 007896543 | 00000   | 00005   | 0006      | 92242     | RHC-6  |
| 2240 0710 | 008400022 | 00000   | 00001   | 0002      | 92240     | RHC-7  |
| 2241 0711 | 009876543 | 00000   | 00002   | 0005      | 92241     | RHC-8  |
| 2242 0800 | 007896543 | 00000   | 00005   | 0002      | 92242     | RHC-4  |
| 2243 0710 | 008400022 | 00000   | 00001   | 0004      | 92240     | RHC-2  |

Figure 12-21. Sample of an ULLS generated AWCMP436, Parts Received Not Installed Report

Legend for Figure 12-21:

This report is printed by DODAAC and Unit name.

**DOC NUM.** The document number under which the required part(s) was ordered.

**NIIN.** National Item Identification Number.

**QTY Due.** Due-in quantity for the part on order.

**QTY REC.** The quantity of items received.

**FAULT NUM.** Shows the fault number for which the part is required.

**DATE COMP.** The date transaction was completed.

**ADMIN #.** Self-explanatory.

|                       |                        |                             |                    |              |  |
|-----------------------|------------------------|-----------------------------|--------------------|--------------|--|
| DATE: 13-OCT-92       |                        | NON-MISSION CAPABLE REPORT  |                    | AWCMF458     |  |
| UTC: W09980           |                        | B CO 703 INF BN             |                    | UTIL CODE: 0 |  |
| ADMIN NUMBER: B23     |                        | SERIAL NUMBER: 2326751      |                    | LIN: T53858  |  |
| ORG WON: H99B00200006 |                        | DOCUMENT NUMBER: 2268 0002  |                    |              |  |
| NAR DATE: 1 92268     |                        | NIIN/PART NUMBER: 000000077 |                    |              |  |
| ORIG                  | DATE NMC: 92268        | QTY DUE: 00001              |                    |              |  |
|                       | ORG DATE: 92268        | QTY REC: -----              |                    |              |  |
|                       | DSU DATE: 00000        | STATUS/DATE: -----          | STATUS/DATE: 00000 |              |  |
|                       | REMARKS: PARTS KIT     | SHIP DATE: -----            |                    |              |  |
|                       | SUP WON:               | DEFICIENCY:                 |                    |              |  |
| ORG WON: H99B00200006 |                        | DOCUMENT NUMBER: 2268 0001  |                    |              |  |
| NAR DATE: 1 92268     |                        | NIIN/PART NUMBER: 000000077 |                    |              |  |
| ORIG                  | DATE NMC: 92268        | QTY DUE: 00001              |                    |              |  |
|                       | ORG DATE: 92268        | QTY REC: -----              |                    |              |  |
|                       | DSU DATE: 00000        | STATUS/DATE: -----          | STATUS/DATE: 00000 |              |  |
|                       | REMARKS: BATTERY       | SHIP DATE: -----            |                    |              |  |
|                       | SUP WON:               | DEFICIENCY:                 |                    |              |  |
| ORG WON: H99B00200006 |                        | DOCUMENT NUMBER: 0000 0001  |                    |              |  |
| NAR DATE: C 92268     |                        | NIIN/PART NUMBER: 00000     |                    |              |  |
| ORIG                  | DATE NMC: 92268        | QTY DUE: 00000              |                    |              |  |
|                       | ORG DATE: 92268        | QTY REC: 00000              |                    |              |  |
|                       | DSU DATE: 00000        | STATUS/DATE: -----          | STATUS/DATE: 00000 |              |  |
|                       | REMARKS: WIPER BLADE   | SHIP DATE: -----            |                    |              |  |
|                       | SUP WON:               | DEFICIENCY:                 |                    |              |  |
| ORG WON: H99B00200006 |                        | DOCUMENT NUMBER: 0000 0003  |                    |              |  |
| NAR DATE: E 92268     |                        | NIIN/PART NUMBER: 00000     |                    |              |  |
| ORIG                  | DATE NMC: 92268        | QTY DUE: 00000              |                    |              |  |
|                       | ORG DATE: 92268        | QTY REC: 00000              |                    |              |  |
|                       | DSU DATE: 00000        | STATUS/DATE: -----          | STATUS/DATE: 00000 |              |  |
|                       | REMARKS: LOCK W/2 KEYS | SHIP DATE: -----            |                    |              |  |
|                       | SUP WON:               | DEFICIENCY:                 |                    |              |  |
| ADMIN NUMBER: B8      |                        | SERIAL NUMBER: 677621       |                    | LIN: D12087  |  |
| ORG WON: H99B00200009 |                        | DOCUMENT NUMBER: 0000 0003  |                    |              |  |
| NAR DATE: C 92273     |                        | NIIN/PART NUMBER: 00000     |                    |              |  |
| ORIG                  | DATE NMC: 92273        | QTY DUE: 00000              |                    |              |  |
|                       | ORG DATE: 92273        | QTY REC: 00000              |                    |              |  |
|                       | DSU DATE: 00000        | STATUS/DATE: -----          | STATUS/DATE: 00000 |              |  |
|                       | REMARKS: BATTERY       | SHIP DATE: -----            |                    |              |  |
|                       | SUP WON:               | DEFICIENCY:                 |                    |              |  |
| ORG WON: H99B00200009 |                        | DOCUMENT NUMBER: 0000 0002  |                    |              |  |
| NAR DATE: C 92273     |                        | NIIN/PART NUMBER: 00000     |                    |              |  |
| ORIG                  | DATE NMC: 92273        | QTY DUE: 00000              |                    |              |  |
|                       | ORG DATE: 92273        | QTY REC: 00000              |                    |              |  |
|                       | DSU DATE: 00000        | STATUS/DATE: -----          | STATUS/DATE: 00000 |              |  |
|                       | REMARKS: LOCK W/2KEYS  | SHIP DATE: -----            |                    |              |  |
|                       | SUP WON:               | DEFICIENCY:                 |                    |              |  |

Figure 12-22. Sample of an ULLS generated AWCMF458, Non-Mission Capable Report

## Legend for Figure 12-22:

This report is produced by unit UIC, with the unit name.

**ADMIN NUMBER.** Self-explanatory.**SERIAL NUMBER.** Serial number of item or piece of equipment.**LIN.** Line item number of the item or piece of equipment.**ORG WON.** The ULLS generated organizational work order number.**NAR DATE.** This displays the Not Available Reason Code (NAR) (see ULLS EM for a list of these codes) and the date of this code.**ORIG DATE NMC.** Shows the date the item was originally non mission capable.**ORG DATE.** Date item was NMC at organizational level.**DSU DATE.** Date equipment was down for support level maintenance.**STATUS/DATE.** Shows the date of most recent status.

**REMARKS.** Brief description of part or reason for deadline.

**SUP WON.** Displays the machine generated support work order number.

**DOCUMENT NUMBER.** The document number that identifies the part ordered. This defaults to a fault sequence number when the parts are received.

**NIIN/PART NUMBER.** National Item Identification Number or Part Number.

**QTY DUE.** Quantity of items due-in.

**QTY REC.** Quantity of items received.

**STATUS/DATE.** Displays the status and date for a shipment.

**SHIP DATE.** Shows the shipping date, if available.

**DEFICIENCY.** Identifies reason item is NMC.

```

PREPARED 07 APR 93          SAMS-1 WORK ORDER DETAIL          PCN AHN-018
                                STA DATE TIME
WORK ORDER DATA:          A 92066 1046
WON          UIC CUST INTNS REIMB SHOP SAMS-2 UIC UTIL TYPE MNT ID AND NSN          MODEL OR NOUN          B 92069 1409
                                K 92085 1120
DJAA0A200483 MDJAA0      N      N      U      MDAYAK      0      D      A 1005011121629          GHS, M2/3

DRG WON/DOC      SERIAL NUMBER      ECC EIC QTY REC PD MALFUNCTION          FDD EQUIP USAGE PROJ CD SNT APC
                                372          GL ALG      1 12 INOP          H          000000
                                                000000
                                                000000

DRF AUTH WRNTY BUMPER NO LVL WORK MH PROJ MH EXP MH RMN QTY RPR QTY CONDEM QTY NRTS EVAC WON DRF TRANS
                                N          F          5.0      0.0      5.0      0      0      0

WON          MIL DIRECT LABOR          CIV DIRECT LABOR          TOTAL DIRECT          INDIRECT          REPAIR PARTS          TOTAL COST OF
MH          COST          MH          COST          LABOR COST          LABOR COST          COST          MAINTENANCE
DJAA0A200483 0.0          $0.00      0.0          $0.00          $0.00          $0.00          $397.16          $397.16
TOTALS      0.0          $0.00      0.0          $0.00          $0.00          $0.00          $397.16          $397.16

*****
TASK DATA:          *** P L A N N E D   D A T A   ***          *** C O M P L E T E D   D A T A   ***

TASK ACT TASK DESCRIPTION          QTY WORK FAIL MH TASK          OLD EQ SN          TRANS ACT          QTY MH
NO RQD          TO BE RPR CENTER CD RMN ID AND NSN          NEW EQ SN          DATE COMPL          RPR EXP
U01 C INOP          1 ARMT 068 5.0          0 0.0

                                EMPLOYEE NO MH EXPENDED OVERTIME
                                0.0 0.0
                                0.0 0.0
                                0.0 0.0
                                0.0 0.0

*****
PART DATA:
TASK FAIL PART ID AND NSN SUFFIX QTY PRIME ID AND NSN PART NOUN          QTY SRCE NMCS          PARTS COST          DOCUMENT NUMBER
NO CD          RQD          ISS
U01 A1090011988684 1 A1090011988684 GRIP AS 1 A N $171.00 NONE
U01 A1090011988684 A 1 A1090011988684 GRIP AS 1 A N $171.00 NONE
U01 A5935011164446 1 A5935011164446 CONNECTO 0 S N $27.58 WK4KKK20840081
U01 A5935011164446 A 1 A5935011164446 CONNECTO 0 S N $27.58 WK4KKK22610051

                                END PAGE 1

```

Figure 12-23. Sample of a SAMS generated PCN AHN-018, SAMS-1 Work Order Detail Report

## Legend for Figure 12-23:

This report provides current data associated with a specific work order, and includes equipment, task, and repair parts data. The SAMS-1 supports the ULLS user in preparing this report when requested.

## WORK ORDER DATA:

**WON.** The 12-position support work order number assigned by the supporting DSU.

**UIC CUST.** Customer Unit Identification Number.

**INTNS.** Intransit Customer. Value will be either "Y" (yes) or "N" (no).

**Reimb.** Applicable to intransit reimbursable customers only. Value will either be a "Y" (yes) or "N" (no).

**Shop.** This unique code identifies the shop in support maintenance.  
**SAMS-2 UIC.** Self-explanatory.

**UTIL.** Utilization Code. See Appendix 13, Table B-6.

**TYPE Mnt.** Type Maintenance Request Code. These codes are used to describe the maintenance action requested. See Appendix B, Table B-20.

**ID AND NSN.** The identification number identifies the type of number in the NSN field; e.g., A=National Stock Number (NSN), C=Manufacturer's Code and Reference Number, D=Management Control Number (MCN), and P=all others.

**Model or Noun.** Self-explanatory.

**STA DATE TIME.** Shows the statuses and the dates and times they changed.

**Org WON/DOC.** The organizational work order number or document number.

**SERIAL NUMBER.** Self-explanatory.

**ECC.** Identifies the Equipment Category Code. See Appendix B, Table B-18.

**EIC.** The end item code assigned to the equipment.

**QTY REC.** Quantity received.

**PD.** Priority designator.

**MALFUNCTION.** Self-explanatory.

**FDD.** The failure detected during code. A required entry.

**EQUIP USAGE.** Miles/kilometers/hours/rounds recorded on the item.

**PROJ CD.** If there is a project code assigned, it will be reflected here; otherwise, this will be blank.

**SNT.** The serial number tracking designator. "Y" (yes) or "N" (no).

**APC.** Account processing code. This is a code prescribed locally for costing and budget identification of customers and organizations. May be blank if not required locally.

**ORF AUTH.** Operational readiness float authorized. A "Y" indicates this is a candidate.

**WRNTY.** If item is under warranty, a "Y" will be reflected on the report.

**BUMPER NO.** Self-explanatory.

**LVL WORK.** Indicates the level of work. A blank indicates the work will be done by a contractor.

**MAN-HOURS.** Covers three areas:

MH PROJ—The number of man-hours projected in hours and tenths.

MH EXP—The number of man-hours expended in hours and tenths.

MH RMN—The number of man-hours remaining in hours and tenths.

**QUANTITIES.** Quantities repaired (RPR), condemned (CONDEM), and not repairable this station (NRTS) are reflected as applicable.

**EVAC WON.** Evacuation work order number, if applicable, is reflected on this report.

**ORF TRANS.** Operational Readiness. Float Transfer. An "I" indicates an ORF item has been issued; "R" indicates an ORF item has been repaired.

#### **COST DATA INFORMATION:**

**WON.** A 12-position support work order number assigned by the supporting DSU.

Cost data for direct labor is shown for military and civilian to include the man-hours and the cost, and the total direct labor cost. Also shown is indirect labor cost, when applicable. The repair costs show the total cost for all parts. The last column is the total cost of maintenance.

**TASK DATA.** Shown for planned data and completed data.

#### **PLANNED DATA:**

**TASK NO.** This code is a unique number assigned at support maintenance.

**ACT RQD.** Action code. See Appendix B, Table B-5.

**TASK DESCRIPTION.** Self-explanatory.

**QTY TO BE RPR.** Report will reflect the quantity of items to be repaired.

**WORK CENTER.** A unique code assigned within the support maintenance activity.

**FAIL CD.** Failure code. See Appendix B, Tables B-1 and B-2.

**MH RMN.** Man-hours remaining or projected to complete the job.

**TASK ID AND NSN.** For serial number tracking (SNT) only.

#### **COMPLETED DATA:**

**OLD/NEW EQ SN.** For use with SNT. If a serial numbered item has been replaced, then both numbers will be reflected here.

**TRANS DATE.** For SNT only.

**ACT COMPL.** The action completed code.

**QTY RPR.** Quantity repaired.

**MH EXP.** Man-hours expended.

**EMPLOYEE NO.** A code used to identify employee.

**MH EXPENDED.** Man-hours expended.

**OVERTIME.** Self-explanatory.

#### **PART DATA:**

**TASK NO.** The task for which the part was ordered.

**FAIL CD.** The failure code.

**PART ID AND NSN.** The identifying number code and NSN of the part required to repair the item.

**SUFFIX.** The part suffix code.

**QTY RQD.** Quantity of that part required to repair the item.

**PRIME ID AND NSN.** The primary identifying number code and NSN of the repair part.

**PART NOUN.** The name of the part.

**QTY ISS.** The quantity issued.

**SRCE.** The source code.

**NMCS.** The not mission capable supply code.

**PARTS COST.** The part's unit cost as shown on the repair parts master file.

## **Chapter 13**

### **Standard Army Maintenance System (SAMS) Unit Level Procedures**

#### **13-1. SAMS users**

a. The SAMS for the DS and GS levels of maintenance provides maintenance and management information to each level of command from the user to the division or corps, wholesale, and DA levels.

b. SAMS is divided into two levels: SAMS-1, which operates at the GS/DS maintenance company; and SAMS-2, which operates at command levels above the maintenance company, such as the support battalion or maintenance battalion, Materiel Management Center (MMC), division support command, corps support command, and echelon above corps. Also see (1) through (3) below:

(1) SAMS-1 tracks all work orders and repair parts, and processes information received from supported units.

(2) SAMS-2 collects, stores, and retrieves maintenance information from SAMS-1 sites, and allows managers to coordinate maintenance workloads.

(3) SAMS-2 also passes significant maintenance and supply information to higher commands for the purpose of maintenance engineering and readiness reporting.

#### **13-2. Using unit procedures**

a. Unit level activities with Unit Level Logistics System (ULLS) will report maintenance information to SAMS. Unit level activities without ULLS may report maintenance information to SAMS if local or higher commands desire. Reporting of maintenance information will be accomplished as outlined below.

(1) When ULLS is fielded to a company, maintenance, and INOP information will be passed to SAMS utilizing an output process in ULLS.

(2) Units without ULLS supported by a SAMS DS/GS activity, who are to report customer inop equipment data on the DA Form 2406 for reportable/maintenance-significant items, will utilize DA Form 5409 and DA Form 5410. Units will complete the forms per this chapter.

(3) Units without ULLS will maintain a DA Form 2405 requesting support maintenance from DS/GS activities supported by SAMS (see chap 3).

(4) The using units will keep other forms as required in chapters 2, 3, 5, and 11, and appendix E.

*b.* The automated processes in SAMS supersede all manual procedures. If the SAMS Standard Army Management Information System (STAMIS) fields a new version of software, and the changes require updates to the SAMS user manual, then the user manual takes precedence over this DA pamphlet. In cases that there is a conflict on form disposition instructions between this pamphlet and the SAMS user manual, then this pamphlet takes precedence.

### 13-3. SAMS forms and procedures

*a.* See chapter 3 for procedures and examples of maintenance forms used by manual units as well as those units supported by SAMS.

*b.* Unique SAMS forms are addressed in this chapter. DA Forms 5409 and 5410 feeds the inoperative equipment process at the SAMS-2 level. SAMS applies the term "inoperative (inop)equipment" to a reportable or locally designated command maintenance significant item that is NMC (see para 13-5). The inop module in SAMS-2 is intended to provide readiness management capability within the division, COSCOM, SUPCOM, etc. It is not for compliance with DA/wholesale readiness reporting requirements. In other words, SAMS-2 Inop reporting is not intended for reporting property book equipment shortages.

### 13-4. DA Form 2407 and 2407-1, serial number tracking (SNT) implementation within SAMS

*a. Background.* A new process has been added to SAMS with System Change Package (SCP) L21-04-00 that meets the initial DA directed requirements for reporting of critical/high dollar value components of selected end items associated with the M1, M1A1, and M1IP tanks. The purpose of the process is to capture maintenance actions performed on these items in the DS/GS SAMS-1 activities and forward them through SAMS-2 to LOGSA.

*b. Updating the SAMS files.* The SAMS-2 Equipment Master File (EMF) will contain those DA designated SNT reportable end items and components as shown below. The major end item NSN and its associated SNT component NSNs must be identified as SNT "Y."

(1) Major end item NSNs and component NSNs required to be reported by serial number are listed in table 13-1.

(2) The SAMS-2 operator is responsible for updating the SAMS2 EMF with the NSNs in table 13-1 and will in turn "download" these changes to SAMS-1.

#### *c. SAMS/SNT procedures.*

(1) When SAMS-1 receives a maintenance request for an SNT item, which may be the end item or the component, and the work involved based on the task record is associated with an SNT component, SAMS-1 will enter data from the task record with the appropriate information, based on the maintenance action performed.

(2) DA Form 2407, Block 25, will be used to record SNT information. The information will be annotated by the work center NCO/foreman and will be updated by him or her prior to being turned into the production control clerk. Maintenance activities utilizing SAMS-1 will ensure that all necessary data required is entered to record SNT data for the selected end items and components listed in table 13-1. (See fig 3-19 for a sample DA Form 2407 used for serial number tracking.)

**Table 13-1**  
**List of SNT reportable Items**

| NSN              | EIC | ECC | Nomenclature                |
|------------------|-----|-----|-----------------------------|
| 2520-01-067-9048 | N/A | FB  | Transmission M1             |
| 2520-01-121-6467 | N/A | FB  | Transmission M1             |
| 2520-01-136-1191 | N/A | FB  | Transmission w/o container  |
| 2520-01-157-3745 | N/A | FB  | Transmission M1 w/container |

**Table 13-1**  
**List of SNT reportable Items—Continued**

| NSN              | EIC | ECC | Nomenclature                               |
|------------------|-----|-----|--------------------------------------------|
| 2520-01-202-9865 | N/A | FB  | Transmission M1A1 w/ container             |
| 2520-01-203-0178 | N/A | FB  | Transmission M 1A1 w/o container           |
| 2520-01-207-3527 | N/A | FB  | Transmission M1 A1 w/o hangons             |
| 2520-01-210-8795 | N/A | FB  | Transmission M1A1 w/ hangons and cannister |
| 2835-01-073-0724 | N/A | FB  | RGB for M1 W/o container                   |
| 2835-01-073-7747 | N/A | FB  | Rear module M1 w/o container               |
| 2835-01-073-8053 | N/A | FB  | AGB for M1 w/o container                   |
| 2835-01-083-2975 | N/A | FB  | Forward module M1 w/o container            |
| 2835-01-119-4095 | N/A | FB  | AGB for M1                                 |
| 2835-01-120-3674 | N/A | FB  | Engine, M1                                 |
| 2835-01-120-3675 | N/A | FB  | Forward module M1                          |
| 2835-01-140-2367 | N/A | FB  | RGB for M1                                 |
| 2835-01-178-7244 | N/A | FB  | Forward module M1                          |
| 2835-01-178-7245 | N/A | FB  | Rear module M1                             |
| 2835-01-178-7246 | N/A | FB  | RGB for M1                                 |
| 2835-01-197-8325 | N/A | FB  | AGB for M1                                 |
| 2835-01-216-8639 | N/A | FB  | Engine M1A1                                |
| 2835-01-222-7936 | N/A | FB  | Forward module M1A1                        |
| 2350-01-061-2445 | AAA | FB  | Tank combat 105 M1                         |
| 2350-01-087-1095 | AAB | FB  | Tank combat FT M1A1                        |
| 2350-01-136-8738 | AAC | FB  | Tank combat FT M1IP                        |

#### *d. Reporting requirements.*

(1) Serial number reporting is not required when a serviceable item is removed solely to aid other maintenance actions and the same serial numbered item is to be immediately reinstalled on the item from which it was removed.

(2) Serial number reporting is required when a designated NSN in table 13-1 has any action done as designated by the following action code:

- (a) A—Replaced.
- (b) C—Repaired.
- (c) H—Modification work order applied.
- (d) O(Alpha)—Overhauled.
- (e) R—Removed.
- (f) S—Installed.

### 13-5. DA Form 5409 (inoperative Equipment Report(IER))

*a. Purpose.* DA Form W9 provides SAMS with the customer unit portion of the inoperative equipment data required to automate readiness management. (See Figures 13-1 through 13-3.)

*b. Use.* DA Form 5409 is used to report inoperative items that are reportable equipment identified in AR 700-138, including subsystems of reportable weapon systems, or command maintenance significant equipment that is designated by your local commander for special management. The DA Form 5409 will not be used by units operating under the ULLS.

#### *c. General instructions.*

(1) A DA Form 5409 is required whenever an item of equipment becomes NMC and meets the definition of an inoperative item in paragraph 13-3b. The form is prepared by the unit maintenance clerk and forwarded to support maintenance for input to SAMS. Turn in all 5409 IERs to the supporting DS SAMS-1 site each day. If an inoperative item goes to DS for repair after becoming NMC, make sure the DA Form 5409 is sent with the item to the DS shop. When an item is evacuated, SAMS tracks the item while in the support shop using the ORGWON.

(2) A DA Form 5409 can also be used when an inoperable item has a change in status at the customer level. However, if minimum input is desired, additional status may be limited to only significant changes (e.g., when evacuated to DS for repair). Only blocks 1, 2,

and 12a, b, and c are required for a status change on a DA Form 5409.

(3) So that support maintenance and SAMS-2 know what to do with the information on the form, use of a File Input Action Code in block (1) is required. There are three action codes associated with DA Form 5409; "A"—used only when the item initially becomes inoperative; "C"—used to report changes in status for an inoperative item that has been reported, or for a Controlled Exchange action; and "D"—used to remove an inoperative item from deadline. When a DA Form 5409 IER with action code "D" is submitted, the associated part records for the inoperative item are also deleted in SAMS-2.

*d. Disposition.*

(1) After entering information in blocks (11) through (21), copies of DA Form 5409 will be distributed as follows:

(a) Send one copy to support maintenance.

(b) Insert one copy in the Visible File Index with any previous ones.

(c) Insert one copy in the DA Form 3999-4 (Maintenance Work Request Envelope).

(2) Although one copy of the form must go to support maintenance, local SOP can change the distribution of the other copies. Individual copies of the form are not retained at unit level unless required for local use. Those copies, if required locally, will not be maintained past the current MCSR reporting period.

### **13-6. DA Form 5410 (Unit Level Deadlining Parts Report (ULDPR))**

*a. Purpose.* DA Form 5410 is used to identify/report parts that cause inoperative reportable equipment to be not mission capable—supply (NMCS). (See figs 13-4 through 13-6.)

*b. Use.* DA Form 5410 is used—

(1) To track NMCS parts in SAMS.

(2) By SAMS-2 maintenance managers to target critical parts for intensive management. The DA Form 5410 will not be used by units operating under the ULLS.

(3) To cross reference a maintenance request with any deadlining part and to provide deadlining parts information to the MMC.

*c. General instructions.*

(1) When inoperative equipment is NMCS, the first DA Form 5410 related to the deadlined part(s) should be submitted to support maintenance with the DA Form 5409 reporting the deadline. If this is not the case, a DA Form 5410 must be submitted to support maintenance as soon as any deadlined parts are identified, but not on hand. An action code of "A" must be entered in Block I of the DA Form 5410. Leave Block 6 blank.

(2) Submit a DA Form 5410 (ULDPR) with an action code of "C" in Block 1, showing the new quantity on hand in block 6, when a partial or complete receipt occurs. Blocks 2, 3, 4, 5, 7, 8, 9, and 10 must also have entries.

(3) Submit a DA Form 5410 with an action code of "D" when the quantity required for a particular part is cancelled or no longer required. Only Blocks 1, 2, 3, 8, 9, and 10 are required for submission of a DA Form 5410 with an action code of "D". If by satisfying the part requirement, the equipment is no longer deadlined, the submission of the DA Form 5409 with an action code of "D", removing it from deadline, will automatically delete associated part records in SAMS for that item of equipment. All deadlining parts for one ORGWON must be entered on the same DA Form 5410, if possible.

(4) A DA Form 5410 with an action code of "D" can also be used to report complete receipt of parts, if your SAMS site agrees.

*d. Disposition.*

(1) Forward the original copy of the form to support maintenance.

(2) Forward the 2d copy to the battalion maintenance office.

(3) Keep the 3d copy behind the DA Form 5409 in the maintenance shop control (visible index) file for ready reference.

### **13-7. Maintenance control file**

*a.* Each unit will set up a maintenance control file in a visible index file to show the status of reportable equipment in the unit and at support maintenance. Copies of current DA Forms 5509 and 5410 go in this file.

(1) A recommended record-keeping system to make sure that DA Form 5409 and DA Form 5410 are properly filled out and submitted is contained in DA Pam 750-35.

(2) ULLS automates this record-keeping at the unit level.

*b.* DA Forms 5409 go in the maintenance control file in ORGWON sequence. The oldest appears at the top of the file; the newest, at the bottom. As work requests are closed out, remove the DA Form 5409 and throw it out.

*c.* Update information in the maintenance control file whenever a maintenance request status changes. Fill in a new DA Form 5409 and file it on top of any previous DA Forms 5409 with the same ORGWON. The DA Form W9 will be forwarded to support maintenance each day prior to the established cutoff. Do not fill out a DA Form 5409 if no status changes occur during the day.

*d.* DA Forms 5410 showing status of an inoperative reportable item will be filed in the maintenance control file under the DA Form 5409 for that item.

*e.* Maintenance supervisors check the maintenance control file weekly to make sure that forms are thrown out as actions are completed and forms have been added for any new deficiencies. Supervisors will also review forms on older, existing deficiencies to confirm the status and ensure that all possible actions have been taken to repair the equipment.

### **13-8. DA Form 3999-4 (Maintenance Work Request Envelope)**

*a. Use.*

(1) The DA Form 3999-4 is used to store the forms required to record maintenance actions.

(2) It tracks the work order and the equipment location by entries on the face of the envelope each time the related equipment moves from one location to another. (See fig 13-7.)

*b. General instructions.*

(1) DA Form 3999-4 is a reusable envelope. The envelope has four preprinted blocks for posting a work order number and the applicable identification. Each block has four columns entitled "Location", "Section", "Mechanic", and "Date".

(2) Each section supervisor or repairer receiving the maintenance work request envelope will sign for the envelope in the applicable block on the form. The last entry will indicate the exact location of the equipment by bay, parking lot, or bin number.

(3) When the maintenance request has been closed, the block pertaining to that request will be marked out and the next open block of the remaining blocks will be used for a new maintenance request.

*c. Disposition.* Destroy the envelope when the current maintenance request on the envelope has been closed and all other blocks have been used.

### **13-9. Selected SAMS output reports**

*a.* SAMS provides various output reports, as shown below, providing maintenance management information for all levels. Some of these reports are contained in figures 13-8 through 13-11.

(1) *SAMS-1 Customer Work Order Reconciliation, PCN AHN-004.*

(a) This reconciliation report verifies that the equipment listed is physically in the possession of the supporting maintenance activity. An example of this report is shown in figure 13-8.

(b) The report should be provided to the customer unit on a weekly basis.

(c) The "Write ULLS Diskette" process can be used instead of PCN AHN-004 for those SAMS-1 sites supporting ULLS customers.

(2) *SAMS-2 Equipment Deadlined Over NNN Days by Battalion, PCN AHO-026.*

(a) This report provides a list of WOs that are more than a

specified number of days old (NNN). The specified number of days is entered by the SAMS-2 manager when requesting the report. An example of this report is shown in figure 13-9.

(b) This report is divided into three parts. Part I lists all DA Form 2406 reportable items on deadline. Part II lists all command maintenance-significant items on deadline. Part III is a summary of the complete report, which lists the Parent UIC and name, reportable items, ERC A, pacing items, maintenance-significant items, and gives a command total within each area per battalion.

(c) When the number of days (NNN) is set to 000 (or blank), the report is a current "reverse side" DA Form 2406.

(3) *SAMS-2 Work Order Status and Parts Listing, PCN AHO-032.*

(a) The Work Order Status and Parts Listing Report is selective

by UIC (support or unit), WO status, and ECC or EIC for open work orders which, by priority, exceed the number of days set when requesting the report. This report also provides a listing of parts by WO or ECC for each EIC.

(b) Information is sorted by support UIC or customer UIC, support ECC, or work order number (WON). An example of the report will be shown in figure 13-10.

(4) *SAMS-2 Maintenance Cost by Customer, PCN AHO-022.*

(a) This report is produced to provide the customer with an exact cost for the repair of unit equipment by WON. The report can also be used to bill a customer for services performed when using inter-service support agreements. An example of this report is shown in figure 13-11.

(b) Information is sorted in order by UIC support, UIC customer, and WON.

| INOPERATIVE EQUIPMENT REPORT                                          |                                  |                  |                                                    |                              |                            |                         |                  |             |            |                     |                         |
|-----------------------------------------------------------------------|----------------------------------|------------------|----------------------------------------------------|------------------------------|----------------------------|-------------------------|------------------|-------------|------------|---------------------|-------------------------|
| For use of this form, see PAM 738-750; the proponent agency is DCSLOG |                                  |                  |                                                    |                              |                            |                         |                  |             |            |                     |                         |
| 1. FILE INPUT ACT CD                                                  | 2. UNIT WORK ORDER NO. (ORG WON) |                  |                                                    | 3. ID                        | 4. NSN OF DEADLINED ITEM   |                         |                  |             |            |                     |                         |
| A                                                                     | Z E C E A D 6 0 0 0 7 3          |                  |                                                    | A                            | 2 3 2 0 0 0 1 7 7 9 2 5 8  |                         |                  |             |            |                     |                         |
| 5. SERIAL NUMBER OF DEADLINED ITEM                                    |                                  |                  |                                                    |                              | 6. MALFUNCTION DESCRIPTION |                         |                  |             |            |                     |                         |
| 2 4 7 5                                                               |                                  |                  |                                                    |                              | W A T E R I N O I L        |                         |                  |             |            |                     |                         |
| 7. ERC                                                                | 8. WS D/L                        | 9. WPN SYS EIC   | 10. SERIAL NUMBER OF WEAPON SYSTEM (WS SERIAL NO.) |                              |                            | 11. NUMBER NO./TAIL NO. |                  |             |            |                     |                         |
| A                                                                     | Y                                | B A F            | 2 4 7 5                                            |                              |                            | H Q 2 2                 |                  |             |            |                     |                         |
| 12a. STATUS CODE                                                      | b. ORDINAL DATE                  | c. MILITARY TIME | d. REPORTED BY                                     | e. DATE ENTERED AT SAMS SITE | f. TIME ENTERED            | g. SAMS SITE REP INIT   |                  |             |            |                     |                         |
| C                                                                     | 8 6 0 7 1                        | 1 0 3 0          | Y W Z                                              |                              |                            |                         |                  |             |            |                     |                         |
|                                                                       |                                  |                  |                                                    |                              |                            |                         |                  |             |            |                     |                         |
|                                                                       |                                  |                  |                                                    |                              |                            |                         |                  |             |            |                     |                         |
|                                                                       |                                  |                  |                                                    |                              |                            |                         |                  |             |            |                     |                         |
|                                                                       |                                  |                  |                                                    |                              |                            |                         |                  |             |            |                     |                         |
|                                                                       |                                  |                  |                                                    |                              |                            |                         |                  |             |            |                     |                         |
|                                                                       |                                  |                  |                                                    |                              |                            |                         |                  |             |            |                     |                         |
| 13. UNIT WORK ORDER NUMBER                                            |                                  |                  |                                                    | 14. PD                       | 15. INSP                   | 16. PARTS               | 17. WAITING SHOP | 18. IN SHOP | 19. AT SPT | 20. WAITING PICK-UP | 21. NUMBER NO./TAIL NO. |
| Z E C E A D 6 0 0 0 7 3 0 5                                           |                                  |                  |                                                    |                              |                            |                         |                  |             |            |                     | H Q 3 2                 |

This portion is provided for convenience in typing the lower lines.  
To be detached prior to placing in KARDEX or other visible-type file.

Figure 13-1. Sample of a completed DA Form 5409 (Add)

Legend for Figure 13-1:

Completion instructions by block number and title for DA Form 5409 (Add)

- (1) **File Input Act Cd.** Enter the File Input Action Code "A" for—Addition of a New Inop Record.
- (2) **Unit Work Order No. (ORG WON).** Enter the Organization WON (ORGWON) assigned from the unit DA Form 2405.
- (3) **ID.** Enter an "A" for NSN.
- (4) **NSN Of Deadlined Item.** Enter the NSN for the inoperative item.
- (5) **Serial Number Of Deadlined Item.** Enter the serial number of the inoperative item.
- (6) **Malfunction Description.** Enter brief description of the deadlining fault in 16 alpha/numeric characters or less.
- (7) **ERC.** Enter the Equipment Readiness Code (ERC) for the item. Codes are "A," "B," "C," "P" or space. If a weapon system is inoperative, enter the ERC of the weapon system. An ERC is assigned to each

item in your MTOE. Pacing items are identified in AR 220-1, which governs the use and application of ERCs.

(8) **WS D/L.** Is the item causing a weapon system to be inoperative (deadlined)? Enter Weapon System Deadline Code "Y" (Yes), or "N" (No).

Note: If you enter N in Block (8), leave blocks (9) and (10) blank. If you enter Y, you must fill in blocks (9) and (10).

(9) **WPN Sys EIC.** Enter the Weapon System End Item Code (EIC) for the weapon system if it is reportable on the MCSR. AR 700-138 lists the equipment and their subsystems. Leave blank if Block (8) WS D/L is N. WPN Sys EIC's are also identified on the Reportable Equipment Validation File Listing (REVF) which can be obtained from the SAMS-2 sites.

(10) **Serial Number Of Weapon System.** Enter the serial number of the deadlined weapon system. Leave blank, if an "N" is entered in Block 8 (WS D/L)

(11) **Bumper No./Tail No.** Enter the bumper number, tail number, or administration number, if applicable.

(12a) **Status Code.** Enter the current status code. Valid Status codes are:

Code Description

1 Awaiting NMCS Parts

B In Shop

C Awaiting Shop

I Awaiting Shop While Awaiting Parts

J In Shop Awaiting NMCS Parts

M Evacuated NMCS

O Awaiting Evacuation

(12b) **Ordinal Date.** Enter the ordinal date of the current status entered in Block 12a.

(12c) **Military Time.** Enter the military time of day of the current status entered in Block 12a.

(12d) **Reported By.** The person reporting the status information initials in this block.

(12e)-(12g) Will be completed by the clerk at the SAMS site.

(13)-(21) If you put the IER in a visible file, you can enter the ORGWON, PD, and bumper number at the bottom. You can then use a signal tab to identify the current status (Blocks 15-20).

| INOPERATIVE EQUIPMENT REPORT                                                                                                                 |                                                       |                |                          |                                                    |                            |                              |                         |                    |            |                       |
|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------|--------------------------|----------------------------------------------------|----------------------------|------------------------------|-------------------------|--------------------|------------|-----------------------|
| For use of this form, see PAM 738-750; the proponent agency is DCSLOG                                                                        |                                                       |                |                          |                                                    |                            |                              |                         |                    |            |                       |
| 1. FILE INPUT ACT CD<br>C                                                                                                                    | 2. UNIT WORK ORDER NO. (ORG WON)<br>Z.E.C.E.A.0600073 |                |                          |                                                    | 3. ID                      | 4. NSN OF DEADLINED ITEM     |                         |                    |            |                       |
| 5. SERIAL NUMBER OF DEADLINED ITEM                                                                                                           |                                                       |                |                          |                                                    | 6. MALFUNCTION DESCRIPTION |                              |                         |                    |            |                       |
| 7. ERC                                                                                                                                       | 8. WS D/L                                             | 9. WPN SYS EIC |                          | 10. SERIAL NUMBER OF WEAPON SYSTEM (WS SERIAL NO.) |                            |                              | 11. BUMPER NO./TAIL NO. |                    |            |                       |
| 12a. STATUS CODE<br>B                                                                                                                        | b. ORDINAL DATE<br>860721                             |                | c. MILITARY TIME<br>1230 | d. REPORTED BY<br>JWZ                              |                            | e. DATE ENTERED AT SAMS SITE |                         | f. TIME ENTERED    |            | g. SAMS SITE REP INIT |
|                                                                                                                                              |                                                       |                |                          |                                                    |                            |                              |                         |                    |            |                       |
|                                                                                                                                              |                                                       |                |                          |                                                    |                            |                              |                         |                    |            |                       |
|                                                                                                                                              |                                                       |                |                          |                                                    |                            |                              |                         |                    |            |                       |
|                                                                                                                                              |                                                       |                |                          |                                                    |                            |                              |                         |                    |            |                       |
|                                                                                                                                              |                                                       |                |                          |                                                    |                            |                              |                         |                    |            |                       |
|                                                                                                                                              |                                                       |                |                          |                                                    |                            |                              |                         |                    |            |                       |
|                                                                                                                                              |                                                       |                |                          |                                                    |                            |                              |                         |                    |            |                       |
| 13. UNIT WORK ORDER NUMBER<br>Z.E.C.E.A.0600073                                                                                              |                                                       |                |                          | 14. PD                                             | 15. INP                    | 16. PARTS                    | 17. WAITING SHOP        | 18. IN SHOP MAINT. | 19. AT SPT | 20. WAITING PICK-UP   |
| 05                                                                                                                                           |                                                       |                |                          |                                                    |                            |                              |                         |                    |            |                       |
|                                                                                                                                              |                                                       |                |                          | 21. BUMPER NO./TAIL NO.<br>H.022                   |                            |                              |                         |                    |            |                       |
| This portion is provided for convenience in typing the lower lines.<br>To be detached prior to placing in KARDEX or other visible-type file. |                                                       |                |                          |                                                    |                            |                              |                         |                    |            |                       |

Figure 13-2. Sample of a Completed DA Form 5409 (Status Update)

Legend for Figure 13-2:

Completion instructions by block number and title for DA Form 5409 (Status Update)

(1) **File Input Act Cd.** Enter File Input Action Code "C" for—Change to previous input; status changes, corrections, or Controlled Exchange.

(2) **Unit Work Order No. (ORG WON).** Enter the Organization WON (ORGWON) of the work order that the status update applies to.

(3)-(11) **Leave blank.**

(12a) **Status Code.** Enter the update status. Valid Status codes are:

Code Description

1 Awaiting NMCS Parts

B In Shop

C Awaiting Shop

I Awaiting Shop While Awaiting Parts

J In Shop Awaiting NMCS Parts

M Evacuated NMCS

O Awaiting Evacuation

(12b) **Ordinal Date.** Enter the ordinal date of the update status entered in Block 12a.

(12c) **Military Time.** Enter the military time of day of the update status entered in Block 12a.

(12d) **Reported By.** The person reporting the status information initials in this block.

(12e)-(12g) Will be completed by the personnel at the SAMS site.

(13)-(21) If you put the IER in a visible file, you can enter the ORGWON, PD, and bumper number at the bottom. You can then use a signal tab to identify the current status (Blocks 15-20).

| INOPERATIVE EQUIPMENT REPORT                                                                                                                         |                                                          |                  |                                                    |                              |                            |                          |               |            |                     |                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|------------------|----------------------------------------------------|------------------------------|----------------------------|--------------------------|---------------|------------|---------------------|-------------------------|
| For use of this form, see PAM 738-750; the proponent agency is DCSLOG                                                                                |                                                          |                  |                                                    |                              |                            |                          |               |            |                     |                         |
| 1. FILE INPUT ACT CD<br>D                                                                                                                            | 2. UNIT WORK ORDER NO. (ORG WON)<br>Z.E.C.E.A.D.6000.7.3 |                  |                                                    |                              | 3. ID                      | 4. NSN OF DEADLINED ITEM |               |            |                     |                         |
| 5. SERIAL NUMBER OF DEADLINED ITEM                                                                                                                   |                                                          |                  |                                                    |                              | 6. MALFUNCTION DESCRIPTION |                          |               |            |                     |                         |
| 7. ERC                                                                                                                                               | 8. WS D/L                                                | 9. WPN SYS EIC   | 10. SERIAL NUMBER OF WEAPON SYSTEM (WS SERIAL NO.) |                              |                            | 11. BUMPER NO./TAIL NO.  |               |            |                     |                         |
| 12a. STATUS CODE                                                                                                                                     | b. ORDINAL DATE                                          | c. MILITARY TIME | d. REPORTED BY<br>JWZ                              | e. DATE ENTERED AT SAMS SITE | f. TIME ENTERED            | g. SAMS SITE REP INIT    |               |            |                     |                         |
|                                                                                                                                                      |                                                          |                  |                                                    |                              |                            |                          |               |            |                     |                         |
|                                                                                                                                                      |                                                          |                  |                                                    |                              |                            |                          |               |            |                     |                         |
|                                                                                                                                                      |                                                          |                  |                                                    |                              |                            |                          |               |            |                     |                         |
|                                                                                                                                                      |                                                          |                  |                                                    |                              |                            |                          |               |            |                     |                         |
|                                                                                                                                                      |                                                          |                  |                                                    |                              |                            |                          |               |            |                     |                         |
|                                                                                                                                                      |                                                          |                  |                                                    |                              |                            |                          |               |            |                     |                         |
|                                                                                                                                                      |                                                          |                  |                                                    |                              |                            |                          |               |            |                     |                         |
| 13. UNIT WORK ORDER NUMBER                                                                                                                           |                                                          |                  | 14. PD                                             | 15. INOP                     | 16. PARTS                  | 17. WAITING SHOP         | 18. IN MAINT. | 19. AT SPT | 20. WAITING PICK-UP | 21. BUMPER NO./TAIL NO. |
|                                                                                                                                                      |                                                          |                  |                                                    |                              |                            |                          |               |            |                     |                         |
| <p>This portion is provided for convenience in typing the lower lines.<br/>To be detached prior to placing in KARDEX or other visible-type file.</p> |                                                          |                  |                                                    |                              |                            |                          |               |            |                     |                         |

Figure 13-3. Sample of a Completed DA Form 5409 (Deletion/Closeout)

Legend for Figure 13-3:

Completion Instructions by block number and title for DA Form 5409 (Deletion/Closeout)

(1) **File Input Act Cd.** Enter File Input Action Code "D" for—Deletion/Closeout of an INOP record.

Note:

This input also deletes all associated part records. Do NOT submit DA Form 5410 "Deletes".

(2) **Unit Work Order No. (ORG WON).** Enter the Organization WON (ORGWON) of the work order that the delete applies to.

(3)–(12c) Leave blank.

(12d) **Reported By.** The person reporting the status information signs in this block.

(12g)–(12g) Will be completed by the personnel at the SAMS site.

(13)–(21) If you put the IER in a visible file, you can enter the ORGWON, PD, and bumper number at the bottom. You can then use a signal tab to identify the current status (Blocks 15–20).

[illegible]



[illegible]

DA FORM 3999-4  
1 APR 78

REPLACES EDITION OF 1 JAN 72 WHICH WILL BE USED UNTIL EXHAUSTED.

**Figure 13-7. Sample of a DA Form 3999-4**

(2) blocks on the back of the envelope. When the work request is completed, cross out the applicable block used for that work request. Use any of the remaining open blocks for the next work request.

**Work Order Number.** Enter the Organization Work Order Number (ORGWON) from DA Form 2405.

**Equip.** Enter the noun abbreviation.

**USA Ser No.** Enter the equipment serial number, registration number, or other identifying number.

**Location.** The person preparing the form will enter the initial location of the equipment. As the equipment moves, the person receiving the equipment for work will enter the new location.

**Section.** The mechanic who receives the equipment will enter his or her section identification.

**Mechanic.** The mechanic performing the work will enter his or her initials.

**Date.** Enter the date the equipment moved into the section: DDMMYY. Note:

Each time the equipment and envelope change hands, the person receiving the equipment for work will fill out the Location, Section, Mechanic, and Date blocks on the next open line.

| PREPARED 24 JUL 90                        |    |    |        |                    |            |               |     |              |           |      |            |
|-------------------------------------------|----|----|--------|--------------------|------------|---------------|-----|--------------|-----------|------|------------|
| SAMS-1 CUSTOMER WORK ORDER RECONCILIATION |    |    |        |                    |            |               |     |              |           |      |            |
| PCN AHN-004                               |    |    |        |                    |            |               |     |              |           |      |            |
| UIC SUPPORT                               |    |    |        | UNIT NAME SUPPORT  |            |               |     | UIC CUSTOMER |           |      |            |
| WDKAD0                                    |    |    |        | D CQ, 4TH MSB      |            |               |     | WA2550       |           |      |            |
| SHP BUMPER                                |    |    |        | UNIT NAME CUSTOMER |            |               |     |              |           |      |            |
| WON                                       | PD | CD | NO     | NSN                | MODEL      | SERIAL NO     | QTY | NMC CAT      | FROM DATE | TIME | TO DATE    |
| A400000                                   | 03 | A  | SVC 01 | 2320-00-050-8978   | TRUCK TRAC | V763075647-76 | 1   | M            | 84347     | 0830 | 84347 0830 |
| A400011                                   | 13 | I  | SVC 49 | 2320-00-051-0489   | TRUCK WREC | TTT123        | 1   | M            | 84353     | 0706 | PRESENT    |
| A400012                                   | 13 | I  | SVC 50 | 2320-00-077-1642   | M292A2     | 435678        | 1   | M            | 84353     | 0744 | PRESENT    |
| A400013                                   | 13 | I  | SVC 77 | 2320-01-025-3733   | M911       | PPQXR-4       | 1   | M            | 84355     | 0833 | PRESENT    |
| A500021                                   | 03 | T  | SVC 22 | 1005-01-025-0095   | M240       | 2939-11       | 1   | M            | 85001     | 1012 | PRESENT    |

Figure 13-8. Sample of SAMS-1 Customer Work Order Reconciliation PCN AHN-004

Legend for Figure 13-8:

The specific headings for the SAMS-1 Customer Work Order Reconciliation, PCN AHN-004, are—

(1) **UIC Support.** Support unit UIC.

(2) **Unit Name Support.** Name of support unit.

(3) **UIC Customer.** Shows the UIC of the customer activity. Your UIC.

(4) **Unit Name Customer.** The customer unit name, the unit for whom the list is prepared. Your unit name.

(5) **WON (Work Order Number).** The 12-position SPT WON assigned to the work order by the supporting DSU.

(6) **PD.** Priority Designator.

(7) **Shop CD.** Shop Code.

(8) **Bumper No.**

(9) **NSN.** The NSN or other identifying number of the item at support maintenance.

(10) **Model.** The model and/or the name of the item.

(11) **Serial No.** The serial number of the specific item at support maintenance.

(12) **Qty.** The quantity of these items which were accepted for repair.

(13) **NMC CAT (Not Mission Capable Category).** This column has 3 entries: NMCM—"M", NMCS—"S", or EVAC—"E". Each time there is a status change, the NMC category prints along with the date/time. This information is used by SAMS to produce the MCSR and can be used by you to verify NMCM and NMCS time.

(14) **From/To Date/Time.** The ordinal date (YYDDD) and time covered by the indicated NMC category.

(15) **Current Status.** The current status of the work order. Appendix B, Table B-21, lists these status codes. Note: The customer compares the list with his or her open Maintenance Request Forms (DA Form 2407) to ensure agreement. This report is used to determine what was sent to the DSU and provides current work order status on the as-of date of the report.

|                                             |                          |                                                         |       |              |        |       |       |             |       |       |       |                             |
|---------------------------------------------|--------------------------|---------------------------------------------------------|-------|--------------|--------|-------|-------|-------------|-------|-------|-------|-----------------------------|
| PREPARED 16 JUL 92 TIME 1531                |                          | SAMS-2 EQUIPMENT DEADLINED OVER 001 DAYS BY BATTALION   |       |              |        |       |       |             |       |       |       | PCN AHO-026                 |
|                                             |                          | PART 1 - REPORTABLE ITEMS                               |       |              |        |       |       |             |       |       |       | REPORT SORTED BY: MODEL/AGE |
|                                             |                          | UICS SELECTED FOR THIS REPORT = WABCD E                 |       |              |        |       |       |             |       |       |       |                             |
|                                             |                          | EICS SELECTED FOR THIS REPORT = BMA B20 BBD BBE BRT AAA |       |              |        |       |       |             |       |       |       |                             |
| UIC BATTALION                               | UNIT NAME BATTALION      |                                                         |       |              |        |       |       |             |       |       |       |                             |
| WABCD E                                     | 6TH EN 99TH FA           |                                                         |       |              |        |       |       |             |       |       |       |                             |
| WPN SYS MODEL OR NOUN/SERIAL NUMBER         | SYS DL                   | WQ                                                      | STA   | MON          | MM-RMN | DATE  | DATE  | DATE        | DATE  | DATE  | DATE  | DATE                        |
| END ITEM MODEL OR NOUN BUMPER SERIAL NUMBER | NO                       | CD                                                      | DATE  | QTY          | CD     | CD    | CD    | CD          | CD    | CD    | CD    | CD                          |
| DOC NO                                      | REPAIR PART NOUN AND NSN | QTY                                                     | NO    | SRCE         | PD     | ESD   | ESD   | ESD         | ESD   | ESD   | ESD   | ESD                         |
| M35A2TRKCGO                                 | C9 054012840             | ORG                                                     | 00000 | ABCD00200490 |        | 00000 | 00000 | 00000       | 00000 | 00000 | 00000 | 00000                       |
| MISSING ORG DATA                            |                          | SPT B                                                   | 92193 | JFGH0A275192 |        | 4.0   | 92130 |             |       |       |       | 67                          |
| M925WH                                      | AB 054012129             | ORG M                                                   | 92190 | ABCD00200257 |        |       | 92160 | PIPE BROKEN |       |       |       | 37                          |
| NO SUPPORT STATUS RECEIVED                  |                          |                                                         |       |              |        |       |       |             |       |       |       |                             |
| M977WH                                      | C30 014523               | ORG M                                                   | 92161 | ABCD00200249 |        |       | 92161 | ENGINE INOP |       |       |       | 36                          |
|                                             |                          | SPT M                                                   | 92162 | JFGH0A275196 |        | .0    | 92162 |             |       |       |       |                             |
|                                             |                          | EMA 1                                                   | 92193 | JKLE0A266200 |        | 20.0  | 92162 |             |       |       |       |                             |
| WABCD E21630022                             | ELBOW                    | 2010-00-222-3333                                        | 1     | 0            | A      | 03    | 92189 | 92198       | S     |       |       |                             |
| WABCD E21631111                             | INJECTOR                 | 2520-01-477-1212                                        | 1     | 0            | A      | 03    | 92189 | 92198       | S     |       |       |                             |
| WABCD E21630050                             | FITTING TEE              | 4100-01-565-9999                                        | 1     | 0            | A      | 03    | 92189 | 92198       | S     |       |       |                             |
| M998                                        | C32 047428               | ORG M                                                   | 92191 | ABCD00200374 |        |       | 92191 | SWITCH ROT  |       |       |       | 6                           |
|                                             |                          | SPT 1                                                   | 92194 | JFGH0A275193 |        | 6.0   | 92194 |             |       |       |       |                             |
| W99HA521940011                              | LINING, F                | 2530-01-185-6699                                        | 2     | 0            | A      | 03    |       |             | S     |       |       |                             |
| W99HA521940010                              | SWITCH ROT               | 2920-01-134-5036                                        | 1     | 0            | A      | 03    |       |             | S     |       |       |                             |
| W99HA521940002                              | SWITCH, S                | 2920-01-249-3492                                        | 1     | 0            | A      | 03    |       |             | S     |       |       |                             |
| BATTALION UNIT TOTAL                        |                          |                                                         |       |              |        |       |       |             |       |       |       |                             |

Figure 13-9. Sample of a SAMS-2 Equipment Deadlined Over NNN Days by Battalion, PCN AHO-026

Legend for Figure 13-9:  
The specific headings for the SAMS-2 Equipment Deadlined Over NNN Days by Battalion, PCN AHO-026, are—  
(1) SAMS-2 Equipment Deadlined Over NNN Days By Battalion.

The heading of the report shows the number of days that is the cutoff (i.e., equipment deadlined over that number of days are shown on the report).

**(2) Part I — Reportable Items, or Part II — Maintenance Significant Items.** This heading shows Part I or Part II of the report. The formats for both parts are identical.

**(3) UIC Battalion.** Unit Identification Code of the battalion (UIC BN).

**(4) Unit Name Battalion.** Unit name in the clear.

**(5) Weapon System Mode I or Noun/End Item Model or Noun.** Name or model number of the item of equipment (WPN SYS not shown on Part II).

**(6) Serial Number.** Serial number of the weapon system/end item.

**(7) SYS DL.** Weapon System Deadlined Code for the item (not shown on Part II). Codes are:

Y—Deadlined System (NMC)

N—Not System Applicable (does not deadline system)

P—Impairs system (partial mission capable). Aviation only; not presently used in SAMS.

**(8) WO CD.** The Work Request Status Code, indicating the status of work being done.

**(9) STA DATE.** The Status Date indicates when the status code (in (8)) was last changed.

**(10) WON.** Work Order Number, assigned to identify and track the maintenance request.

**(11) MH—RMN.** Man—hours Remaining. Estimate of the number of man—hours still required to complete the work order.

**(12) Date DL.** Date the item was deadlined at unit level or date accepted at support.

**(13) Malfunction Description.** A brief description of the problem.

**(14) ERC.** Equipment Readiness Code of the item is a code used to show whether the item is:

A—Primary Weapons and Equipment (PWE)

B—Auxiliary Equipment (AE)

C—Admin Support Equipment (ASE)

P—Pacing Item (Item so important it is subject to continuous monitoring.)

**(15) Days DL.** Total number of days (as of the prepared date) the item has been deadlined.

**(16) Bumper No.** Locally assigned number used to identify the item.

**(17) DOC NO.** Document number of the supply transaction requesting repair parts for the work order.

**(18) Repair Part Noun and NSN.** Name and number of the repair part needed.

**(19) QTY RQD. Quantity Required.** Quantity of the part needed to accomplish the repair.

**(20) QTY OH.** Quantity On Hand. Quantity of the part available to issue to the work order.

**(21) SRCE.** Supply Source Code indicates where the part comes from.

**(22) PD.** Priority Designator. Priority assigned the supply transaction.

**(23) Status CD and Date.** Last status of the supply transaction and the date the status was assigned.

**(24) ESD.** Estimated Shipping Date. Estimated date the part will be shipped (if provided by the supply source).

**(25) Maint Level.** Level at which maintenance is being performed. O=Organization, S=Support.

**(26) Battalion Unit Total.** Total number of equipment/system deadlined for the battalion shown in (3) and (4).

**REMARKS.** PART III SUMMARY gives the Command Totals for Reportable Items, Pacing Items, ERC A Items, and Maintenance Significant Items.

| PREPARED 16 JUL 92                         |    | TIME 0907                             |                       | SAMS-2 WORK ORDER STATUS AND PARTS LISTING |                  |              |     |     |    |      |    |       |       |        |          |              | PCN AHO-0330 |  |  |  |
|--------------------------------------------|----|---------------------------------------|-----------------------|--------------------------------------------|------------------|--------------|-----|-----|----|------|----|-------|-------|--------|----------|--------------|--------------|--|--|--|
| PD 01-03 WORK ORDERS OVER                  |    | 0 DAYS OLD, PD 04-08 WORK ORDERS OVER |                       | 0 DAYS OLD, PD 09-15 WORK ORDERS OVER      |                  | 0 DAYS OLD   |     |     |    |      |    |       |       |        |          |              |              |  |  |  |
| UIC'S SELECTED FOR THIS REPORT = WJUD80    |    |                                       |                       |                                            |                  |              |     |     |    |      |    |       |       |        |          |              |              |  |  |  |
| WO STATUSES SELECTED FOR THIS REPORT = ALL |    |                                       |                       |                                            |                  |              |     |     |    |      |    |       |       |        |          |              |              |  |  |  |
| ECC'S SELECTED FOR THIS REPORT = ALL       |    |                                       |                       |                                            |                  |              |     |     |    |      |    |       |       |        |          |              |              |  |  |  |
| MON                                        | PD | ECC                                   | MODEL OR NOUN         | QTY REC                                    | NSN              | PART NOUN    | RCD | ISS | DI | SRCE | CD | DATE  | ESD   | WO AGE | STA DATE | EVAC MON     |              |  |  |  |
| *** DENOTES RECEIPT                        |    |                                       |                       |                                            |                  |              |     |     |    |      |    |       |       |        |          |              |              |  |  |  |
| JUD80A202934                               | 13 | GL                                    | HEATER PERSONNEL ASSY | 1                                          | 2540-00-930-8938 | WAAHCO       | 1   | 0   |    |      |    | 92145 | M     | 92196  | 52       | DC9X0A003437 |              |  |  |  |
| JUD80A203421                               | 03 | JA                                    | AN/PVS-5              | 1                                          | 5855-00-150-1820 | WAAHCO       | 1   | 0   |    |      |    | 92160 | 1     | 92169  | 37       |              |              |  |  |  |
| ***                                        |    |                                       | W44WEN21610024        |                                            | 5855-00-125-0753 | RETAINER     | 1   | 1   | 0  | A    |    | BB    | 92194 | 92201  |          |              |              |  |  |  |
| ***                                        |    |                                       | W44WEN21610053        |                                            | 5855-01-034-3845 | IMAGE IN     | 1   | 1   | 0  | A    |    | RC    | 92194 |        |          |              |              |  |  |  |
| JUD80A203422                               | 03 | JA                                    | AN/PVS-5              | 1                                          | 5855-00-150-1820 | WAAHCO       | 1   | 0   |    |      |    | 92163 | 1     | 92196  | 34       |              |              |  |  |  |
| ***                                        |    |                                       | W44WEN21630020        |                                            | 5855-00-125-0753 | RETAINER     | 1   | 1   | 0  | A    |    | RC    | 92194 |        |          |              |              |  |  |  |
| ***                                        |    |                                       | W44WEN21630021        |                                            | 5855-00-137-6548 | LENS AS      | 2   | 0   | 2  | A    |    | BB    | 92190 | 92200  |          |              |              |  |  |  |
| JUD80A204233                               | 03 | QH                                    | M54                   | 1                                          | 4320-01-047-1927 | WAAHCO       | 1   | 0   |    |      |    | 92166 | M     | 92191  | 31       | OV4FDA018389 |              |  |  |  |
| JUD80A205196                               | 06 | HS                                    | M131ASC               | 4                                          | 2330-00-226-6080 | WAAHCO       | 1   | 0   |    |      |    | 92178 | 1     | 92193  | 21       |              |              |  |  |  |
| ***                                        |    |                                       | W44WEN21800019        |                                            | 5340-00-664-1311 | HINGE STRAP  | 2   | 2   | 0  | A    |    | RC    | 92187 |        |          |              |              |  |  |  |
| ***                                        |    |                                       | W44WEN21800020        |                                            | 9535-00-232-0378 | SHEET METAL  | 15  | 0   | 15 | A    |    | BB    | 92188 |        |          |              |              |  |  |  |
| JUD80A205325                               | 03 | HJ                                    | M816HW                | 1                                          | 2320-00-051-0489 | WAAHCO       | 1   | 0   |    |      |    | 92184 | C     | 92193  | 13       | OV4FDA026630 |              |  |  |  |
| ***                                        |    |                                       | W44WEN21870001        |                                            | 2590-00-472-1642 | CONTROL BOX  | 1   | 1   | 0  | A    |    | RC    | 92193 |        |          |              |              |  |  |  |
| ***                                        |    |                                       | W44WEN21870001        |                                            | 2815-01-178-0269 | ENGINE       | 1   | 1   | 0  | A    |    | RC    | 92193 |        |          |              |              |  |  |  |
| ***                                        |    |                                       | W44WEN21870014        |                                            | 2910-00-444-0257 | GOVERNOR FUE | 1   | 1   | 0  | A    |    | RC    | 92193 |        |          |              |              |  |  |  |
| ***                                        |    |                                       | W44WEN21870025        |                                            | 2910-00-497-1925 | PARTS KI     | 1   | 1   | 0  | A    |    | RC    | 92193 |        |          |              |              |  |  |  |

END PAGE 1

Figure 13-10. Sample of a SAMS-2 Work Order Status and Parts Listing, PCN AHO-032

Legend for Figure 13-10:

The specific headings in the SAMS-2 Work Order Status and Parts Listing, PCN AHO-032, are—

(1) Report Parameters. Age of work orders, by priority designator group, that are shown on the report.

(2) UIC's, WO StatUSES.ECC's/EIC's Selected for this Report. The selections made in the Reports Activity appear here.

(3) Equipment Category Code. ECC of the equipment being repaired.

- (4) **UIC and Unit Name.** Support UIC and name, or unit UIC and name.
- (5) **WON.** The Work Order Number of the item being repaired.
- (6) **PD.** The Priority Designator shows the priority assigned to the maintenance request by the supported unit (01–15).
- (7) **Model or Noun.** The model or noun of the item being repaired.
- (8) **Evac WON.** The WON assigned this job by the activity to which it was evacuated.
- (9) **QTY REC.** Quantity Received. The number of items to be repaired under this WON.
- (10) **UIC CUST.** The Unit Identification Code of the customer owning the item being repaired.
- (11) **TYPE MNT.** Type Maintenance to be Performed. The code which designates the major maintenance action to be taken.
- (12) **UTIL CD.** Equipment Utilization Code is used to identify the purpose to which a reportable end item is applied by the reporting unit.
- (13) **PROJ CD.** The Project Code is used to identify requisitions and documentation related to a common purpose. Displayed if one has been assigned.

- (14) **DATE ACPT.** Date Accepted. The ordinal date when this job was accepted at the maintenance facility.
- (15) **WO STA and Date.** The current status and the date that the work order status change took place.
- (16) **WO Age.** Work Order Age is the prepared date minus the date accepted (14).
- (17) **Part NSN.** NSN of the part on order for the piece of equipment listed above it on the report.
- (18) **Part Noun.** Name of the part on order.
- (19) **Quantities RQD.** ISS, DI. Quantities required, issued, and due-in for this work order.
- (20) **NSN.** National Stock Number of the item being repaired.
- (21) **SRCE CD.** Source Code indicates where part comes from (e.g., QSS, SSL, etc).
- (22) **DOC NO.** Document Number of the supply request.
- (23) **Status CD, Date.** Supply Status Code and date of status.
- (24) **ESD.** Estimated Shipping Date. Approximate date the item will be shipped (if provided by source of supply).

| UNCLASSIFIED                 |                   |           |               |                                      |               |                                   |                         |                       |                   |                                       |  |  |
|------------------------------|-------------------|-----------|---------------|--------------------------------------|---------------|-----------------------------------|-------------------------|-----------------------|-------------------|---------------------------------------|--|--|
| PREPARED 23 JUL 98 TIME 1454 |                   |           |               | SAMS-2 MAINTENANCE COST BY CUSTOMER  |               |                                   |                         |                       |                   | PCN AHO-022                           |  |  |
| REPORT START DATE            |                   | 98082     |               | EIC'S SELECTED FOR THIS REPORT = ALL |               |                                   |                         |                       |                   |                                       |  |  |
| REPORT END DATE              |                   | 98084     |               | UIC SUPPORT<br>WACLA                 |               | UNIT NAME SUPPORT<br>501ST SIG BN |                         | UIC CUSTOMER<br>WACLA |                   | UNIT NAME CUSTOMER<br>CO A 501 SIG BN |  |  |
| WON                          | MODEL OR NOUN EIC | WO QTY    | MIL DIRECT MH | LABOR COST                           | CIV DIRECT MH | LABOR COST                        | TOTAL DIRECT LABOR COST | INDIRECT LABOR COST   | REPAIR PARTS COST | TOTAL COST OF MAINTENANCE             |  |  |
| A983818                      | TA-43/PT          | HKK 00001 | .0            | \$ .00                               | .0            | \$ .00                            | \$ .00                  | \$ .00                | \$15.03           | \$15.03                               |  |  |
| A983852                      | CX-4566A          | 00001     | .0            | \$ .00                               | .0            | \$ .00                            | \$ .00                  | \$ .00                | \$173.78          | \$173.78                              |  |  |
| A983332                      | CX-4566A          | 00001     | .0            | \$ .00                               | .0            | \$ .00                            | \$ .00                  | \$ .00                | \$ .00            | \$ .00                                |  |  |
| A983333                      | CX-4566A          | 00001     | .0            | \$ .00                               | .0            | \$ .00                            | \$ .00                  | \$ .00                | \$ .00            | \$ .00                                |  |  |
| A983336                      | CX-4566A          | 00001     | .0            | \$ .00                               | .0            | \$ .00                            | \$ .00                  | \$ .00                | \$ .00            | \$ .00                                |  |  |
| A983347                      | CX-4566A          | 00001     | .0            | \$ .00                               | .0            | \$ .00                            | \$ .00                  | \$ .00                | \$ .00            | \$ .00                                |  |  |
| A983348                      | CX-4566A          | 00001     | .0            | \$ .00                               | .0            | \$ .00                            | \$ .00                  | \$ .00                | \$ .00            | \$ .00                                |  |  |
| A983351                      | CX-4566A          | 00001     | .0            | \$ .00                               | .0            | \$ .00                            | \$ .00                  | \$ .00                | \$ .00            | \$ .00                                |  |  |
| A983352                      | CX-4566A          | 00001     | .0            | \$ .00                               | .0            | \$ .00                            | \$ .00                  | \$ .00                | \$ .00            | \$ .00                                |  |  |
| A983375                      | AN/DRA-39A        | OCA 00001 | .0            | \$ .00                               | .0            | \$ .00                            | \$ .00                  | \$ .00                | \$ .00            | \$ .00                                |  |  |
| TOTALS:                      |                   |           |               |                                      |               |                                   |                         |                       |                   |                                       |  |  |
| UIC CUSTOMER WACLA           |                   |           | .0            | \$ .00                               | .0            | \$ .00                            | \$ .00                  | \$ .00                | \$188.81          | \$188.81                              |  |  |

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Figure 13-11. Sample of SAMS-2 Maintenance Cost by Customer PCN AHO-022

Legend for Figure 13-11:

The specific headings for the SAMS-2 Maintenance Cost by Customer, PCNAHO-022, are—

- (1) **Report Start and End Date.** The start and end dates of the period for which this report was prepared. The SAMS-2 manager will enter the proper dates for the period you want to cover.
- (2) **UIC Support.** The support maintenance unit UIC.

(3) **Unit Name Support.** The name of the support maintenance activity.

(4) **UIC Customer.** The customer's unit identification code. Your UIC.

(5) **Unit Name Customer.** The customer unit name. Your unit name.

(6) **WON.** Work Order Number. The SPT WON assigned to each of your work orders.

- (7) **Model or Noun.** The item model or name.
- (8) **EIC.** The End Item Code for this item.
- (9) **WO Qty.** Work Order Quantity. The total number of items on each work order.
- (10) **MIL Direct Labor MH and Cost.** The military man-hours worked and the labor cost totals for this WON.
- (11) **CIV Direct Labor MH and Cost.** The civilian man-hours worked and the labor cost totals for this WON.
- (12) **Total Direct Labor Cost.** Combines the military and civilian labor costs into one total.
- (13) **Indirect Labor Cost.** A percentage (determined by the maintenance activity) of overall cost, used to compute overhead expenses.
- (14) **Repair Parts Cost.** The total cost of all repair parts used in repairing this equipment.
- (15) **Total Cost of Maintenance.** All costs for direct labor, indirect labor, and repair parts are added to produce a total cost of maintenance for this WON.
- (16) **TOTALS.** The SPT WON totals roll up to customer unit totals at the bottom of the page.

## Appendix A References

### Section I Required Publications

#### AR 385-55

Prevention of Motor Vehicle Accidents. (Cited in paras 1-8 and 2-1.)

#### AR 600-55

Motor Vehicle Driver and Equipment Operator Selection, Training, Testing and Licensing. (Cited in para 2-1.)

#### AR 700-138

Army Logistics Readiness and Sustainability. (Cited in paras 1-6, 3-3, 3-6, 3-8, 6-1, 12-17, and 13-5.)

#### AR 750-1

Army Materiel Maintenance and Policies and Retail Management Operations. (Cited in paras 1-1, 1-5, 1-8, 1-10, 3-4,3-6, 3-10, 4-3, 7-2, table 10-1,12-2, and 12-12.)

### Section II Related Publications

A related publication is merely a source of additional information. The user does not have to read it to understand this publication.

#### AR 12-12

Processing Discrepancy Reports Against Foreign Military Sales Shipments

#### AR 30-12

Inspection of Subsistence Supplies and Services

#### AR 40-660

DOD Hazardous Food and Nonprescription Drug Recall System

#### AR 50-6

Nuclear and Chemical Weapons & Materiel Chemical Surety

#### AR 55-19

Marine Casualties

#### AR 55-38

Reporting of Transportation Discrepancies in Shipments

#### AR 56-9

Watercraft

#### AR 75-1

Malfunctions Involving Ammunition and Explosives

#### AR 190-11

Physical Security of Arms, Ammunition, and Explosives

#### AR 190-51

Security of Army Property at Unit and Installation level

#### AR 220-1

Unit Status Reporting

#### AR 310-25

Dictionary of United States Army Terms

#### AR 310-50

Authorized Abbreviation and Brevity Codes

#### AR 380-5

Department of the Army Information Security Program

#### AR 380-86

Classification of Chemical Warfare and Chemical and Biological Logical Defense Information

#### AR 385-40

Accident Reporting and Records

#### AR 385-55

Prevention of Motor Vehicle Accidents

#### AR 600-55

Motor Vehicle Driver and Equipment Operator Selection, Training, Testing, and Licensing

#### AR 672-20

Incentive Awards

#### AR 700-22

Worldwide Ammunition Reporting System (WARS)

#### AR 700-84

Issue and Sale of Personal Clothing

#### AR 700-139

Army Warranty Program Concept and Policies

#### AR 710-2

Supply Policy Below the Wholesale Level

#### AR 710-3

Asset Transaction Reporting System

#### AR 735-11-2

Reporting of Item and Packing Discrepancies

#### AR 750-2

Army Materiel Maintenance, Wholesale Operations

#### AR 750-10

Modification of Materiel and Issuing Safety-of-Use Messages and Commercial Vehicle Safety Recall Campaign Directive

#### DA Pam 710-2-1

Using Unit Supply System(Manual Procedures)

#### DA Pam 738-751

Functional Users Manual for The Army Maintenance Management System-Aviation(TAMMS-A)

#### DA Pam 750-10

US Army Equipment Index of Modification Work Orders

#### DA Pam 750-35

Functional Users Guide for Motor Pool Operations

#### FM 21-17

Driver Selection, Training and Supervision – Track Combat Vehicles

#### FM 21-305/AFR 77-2

Manual for the Wheeled Vehicle Driver

#### FM 21-306

Manual for the Track Combat Vehicle Driver

#### FM 55-30

Army Motor Transport Units and Operations

#### SB 700-20

Army Adopted/Other Items Selected for Authorization/List of Reportable Items

**SB 708-41/42**

Federal Supply Code for Manufacturers, United States and Canada-Name to Code and Code to Name

**SB 708-43**

Cataloging Handbook H4/H8 Commercial and Government Entity (CAGE) Sections C and D

**SB 742-1**

Ammunition Surveillance Procedures

**TB 43-0140**

Instructions for Preparation of Request for Disposition or Waiver (DA Form 3590) for USATROSCOM Equipment and USATACOM, Non-Developmental Item (NDI)

**TB 55-1900-205-24**

Watercraft Information and Reporting System (WIRS) Data Collection for Configuration Control

**TB 600-1**

Procedures for Selection, Training, Testing and Qualifying Operators of Equipment/Systems, excluding Selected Watercraft and Aircraft Managed/Supported by U.S. Aviation Troop Command

**TB 600-2**

Procedures for Selection, Training, Testing, Qualifying, and Licensing Operators of Construction Equipment, Material Handling Equipment and Armor Vehicle Launched Bridge (AVLB) Managed/Supported by US Army Tank-Automotive Materiel Readiness Command

**TB 750-25**

Maintenance of Supplies and Equipment: Army Test, Measurement, & Diagnostic Equipment (TMDE) Calibration & Repair Support Program

**TB 750-38**

Alteration of Communication Security Equipment

**TB 750-651**

Use of Antifreeze Solutions, Antifreeze Extender, Cleaning Compounds and Test Kit in Engine Cooling Systems

**TM 9-1000-202-14**

Operator's, Organizational, Direct Support and General Support Maintenance Manual for Evaluation of Cannon Tubes

**TM 38-450**

Storage and Maintenance of Prepositioned Materiel Configured to Unit Sets (POMCUS)

**TM 43-0001-47**

Army Equipment Data Sheets Ammunition Peculiar Equipment

**Section III**

**Prescribed Forms**

**DA Form 2401**

Organizational Control Record for Equipment. (Prescribed in para 2-6a.)

**DA Form 2402**

Exchange Tag. (Prescribed in para 2-6a.)

**DA Form 2404**

Equipment Inspection and Maintenance Worksheet. (Prescribed in para 3-4a.)

**DA Form 2405**

Maintenance Request Register. (Prescribed in para 3-5a)

**DA Form 2407**

Maintenance Request. (Prescribed in para 3-6a)

**DA Form 2407-1**

Maintenance Request-Continuation Sheet. (Prescribed in para 3-6a.)

**DA Form 240&a**

Weapon Record Data. (Prescribed in para 5-3a.)

**DA Form 2409-5**

Equipment Modification Record. (Prescribed in para 5-6a.)

**DA Form 2409-9**

Equipment Control Record. (Prescribed in para 5-6a.)

**DA Form 2408-14**

Uncorrected Fault Record. (Prescribed in para 3-10a.)

**DA Form 2408-20**

Oil Analysis Log. (Prescribed in para 5-7a.)

**DA Form 2409**

Equipment Maintenance Log. (Prescribed in para 5-8a.)

**DA Form 2415**

Ammunition Condition Report. (Prescribed in para 9-4a.)

**DA Form 5409**

Inoperative Equipment Report. (Prescribed in para 12-13.)

**DA Form 5410**

Unit Level Deadlining Parts Report. (Prescribed in para 12-13.)

**DA Form 5587-R**

Report of Drydocking, Painting, and Condition of Vessel Bottom. (Prescribed in para 6-1b(5).)

**DA Form 5823**

Equipment Identification Card. (Prescribed in para 2-4a.)

**DA Form 5992-E**

Dispatch Control Log. (Prescribed in para. 12-1b(3).)

**DA Form 5983**

Equipment Operator's Qualification Record (Automated). (Prescribed in para 12-1b(11).)

**DA Form 5983-1-E**

Equipment Operator's Qualification Record (Automated). (Prescribed in para 12-1b(11).)

**DA Form 5984**

Operator's Permit Record. (Prescribed in para 12-1b(12).)

**DA Form 5985-E**

Class Codes. (Prescribed in para 12-1b(13).)

**DA Form 5987-E**

Motor Equipment Dispatch. (Prescribed in para 12-1b(2).)

**DA Form 5988-E**

Equipment Maintenance and Inspection Worksheet. (Prescribed in para 12-1b(5).)

**DA Form 5989-E**

Maintenance Request Register. (Prescribed in para 12-1b(6).)

**DA Form 5990-E**

Maintenance Request. (Prescribed in para 12-1b(7).)

**DA Form 5991-E**

Oil Analysis Request. (Prescribed in para 12-1b(9).)

**DA Form 5992-E**

Equipment Periodic Usage. (Prescribed in para 12-1b(10).)

**DD Form 314**

Preventive Maintenance Schedule and Record. (Prescribed in para 3-3a.)

**DD Form 862**

Daily Inspection Worksheet for Diesel Electric Locomotives and Locomotive Cranes. (Prescribed in para 7-3a.)

**DD Form 1335**

Field Inspection Data USA, USAX, USNX, DODX Rail Cars. (Prescribed in para 7-4a.)

**Section IV****Referenced Forms****DA Form 200**

Transmittal Record

**DA Form 285**

U.S. Army Accident Report

**DA Form 348**

Equipment Operator's Qualification Record

**DA Form 348-E**

Operator Qualification Record

**DA Form 1687**

Notice of Delegation of Authority Receipt for Supplies

**DA Form 1352**

Army Aircraft Inventory, Status and Flying Time

**DA Form 2406**

Materiel Condition Status Report

**DA Form 2765-1**

Request for Issue or Turn-In

**DA Form 3254-R**

Oil Analysis Recommendation and Feedback

**DA Form 3999-4**

Maintenance Work Request Envelope

**DA Form 3266-Series**

Missile Equipment Supply Assistance Request

**DA Form 4640**

Harbor Boat Deck Department Log for Class A and B Vessels

**DA Form 5273**

Harbor Boat Deck and Engine Log for Class A &amp; B Vessels

**DA Form 5533**

SMART Suggestion Form

**DD Form 173**

Joint Message Form

**DD Form 173/1**

Joint Message Form

**DD Form 518**

Accident Identification Card

**DD Form 1348**

DOD Single Line Item Requisition System Document (Manual)

**DD Form 1348-1**

DOD Single Line Item Release/Receipt Document

**DD Form 1575**

Suspended Tag-Materiel

**DD Form 1576**

Test/Modification Tag-Materiel

**DD Form 1577**

Unserviceable (Condemned) Tag-Materiel

**DD Form 1650**

Ammunition Data Card

**DD Form 1970**

Motor Equipment Utilization Record

**DD Form 2026**

Oil Analysis Request

**DD Form 2332**

Materiel Deficiency Exhibit

**FAA Form 6030-1**

Facility Maintenance Log

**Form FRA F6180-49A**

Locomotive Inspection and Repair Record

**OF Form 346**

U.S. Government Motor Vehicle Operator's Identification Card

**SF Form 91**

Operator Report on Motor Vehicle Accidents

**SF Form 364**

Report of Discrepancy (ROD)

**SF Form 368**

Product Quality Deficiency Report

**Appendix B****Codes and Conversion Tables**

**B-1.** The codes and conversion tables in this appendix are used to prepare referenced forms in this pamphlet (e.g., DA Form 2407/2407-1, DA Form 2408-9, DA Form 5409, and DA Form 5410). (See tables B-1 through B-24.)

**B-2.** These codes will be used as the standard when automating any maintenance functions.

**B-3.** No additional codes will be assigned unless authorized by Department of the Army, ATTN: DALO-SMM.

**Table B-1****Failure codes—alphabetical**

Code Description

|     |                            |
|-----|----------------------------|
| 717 | Accident damage            |
| 127 | Adjustment improper        |
| 002 | Air leak                   |
| 128 | Air start failure          |
| 031 | Alignment improper         |
| 007 | Arcing, arced              |
| 693 | Audio faulty               |
| 129 | Backfiring                 |
| 731 | Battle damage              |
| 710 | Bearing or bushing failure |
| 780 | Bent                       |

**Table B-1**  
**Failure codes—alphabetical—Continued**

| Code | Description                                                            |
|------|------------------------------------------------------------------------|
| 705  | Beyond specified tolerance                                             |
| 135  | Binding, includes friction excessive, locked                           |
| 050  | Blistered                                                              |
| 060  | Brittle                                                                |
| 070  | Broken                                                                 |
| 108  | Broken safety wire or key                                              |
| 720  | Brush failure/worn excessively                                         |
| 109  | Buckled, or twisted                                                    |
| 900  | Burned, includes charred                                               |
| 080  | Burned out                                                             |
| 171  | Burred                                                                 |
| 111  | Burst, exploded, ruptured                                              |
| 024  | Calibration incorrect                                                  |
| 025  | Capacitance incorrect                                                  |
| 120  | Chafed                                                                 |
| 910  | Chipped                                                                |
| 180  | Clogged                                                                |
| 026  | Cold solder joint                                                      |
| 027  | Collapsed                                                              |
| 160  | Contact/connection defective                                           |
| 306  | Contamination                                                          |
| 114  | Controls inoperative                                                   |
| 844  | Corona effect                                                          |
| 170  | Corroded (metal), includes rusting                                     |
| 190  | Cracked                                                                |
| 845  | Crystallized                                                           |
| 029  | Current incorrect                                                      |
| 116  | Cut                                                                    |
| 115  | Damaged                                                                |
| 846  | Delaminated                                                            |
| 200  | Dented                                                                 |
| 210  | Detent action poor                                                     |
| 117  | Deteriorated                                                           |
| 968  | Dioding                                                                |
| 118  | Disconnected                                                           |
| 230  | Dirty                                                                  |
| 201  | Distortion                                                             |
| 999  | Drive/disk failure/crash (computers)                                   |
| 235  | Dry                                                                    |
| 293  | Electrical power loss                                                  |
| 295  | Electromagnetic environmental effect Electronic interference/discharge |
| 231  | Elongated                                                              |
| 234  | Excessive G forces                                                     |
| 015  | Excessive noise (electronics)                                          |
| 508  | Exposed to fire/high temperature                                       |
| 507  | Exposed to salt water environment                                      |
| 290  | Fails diagnostic/automatic tests                                       |
| 051  | Fails to tune or drifts                                                |
| 602  | Failure caused by other component failure                              |
| 281  | Faulty instrument reading                                              |
| 055  | Feedback incorrect                                                     |
| 240  | Flaking                                                                |
| 069  | Flame out                                                              |
| 301  | Foreign object damage                                                  |
| 250  | Frayed                                                                 |
| 037  | Fluctuates, unstable                                                   |
| 748  | Frequency, erratic or incorrect                                        |
| 179  | Fuel pressure incorrect                                                |
| 280  | Fungus effect                                                          |
| 472  | Fuse blown                                                             |
| 061  | Fused, includes melted                                                 |
| 001  | Gassy                                                                  |
| 214  | Grooved                                                                |
| 300  | Grounded                                                               |
| 311  | Hard landing                                                           |
| 855  | Heat damage                                                            |
| 320  | High voltage breakdown                                                 |
| 065  | High VSWR                                                              |
| 079  | Hot firing damage                                                      |
| 317  | Hot start                                                              |
| 248  | Icing                                                                  |

**Table B-1**  
**Failure codes—alphabetical—Continued**

| Code | Description                                                            |
|------|------------------------------------------------------------------------|
| 916  | Impending or incipient failure indicated by spectrometric oil analysis |
| 703  | Improper amplitude                                                     |
| 627  | Improper attenuation                                                   |
| 688  | Improper energy response                                               |
| 239  | Improper fit, form, function                                           |
| 689  | Improper source output                                                 |
| 340  | Improperly installed                                                   |
| 088  | Incorrect gain                                                         |
| 064  | Incorrect modulation                                                   |
| 169  | Incorrect voltage                                                      |
| 350  | Insulation breakdown                                                   |
| 081  | Interference                                                           |
| 360  | Intermittent                                                           |
| 374  | Internal failure                                                       |
| 370  | Jammed                                                                 |
| 381  | Leaking (liquid)                                                       |
| 382  | Liquid/ vapor lock                                                     |
| 730  | Loose                                                                  |
| 383  | Lock-on malfunction                                                    |
| 385  | Loose or missing rivets                                                |
| 105  | Loose bolts, nuts, screws                                              |
| 181  | Low compression                                                        |
| 004  | Low GM or emission                                                     |
| 537  | Low power or torque                                                    |
| 092  | Low power (electronic)                                                 |
| 500  | Lubrication (over or under) or absent                                  |
| 604  | Manifold pressure beyond limits                                        |
| 040  | Mechanical binding                                                     |
| 372  | Metal on magnetic plug                                                 |
| 009  | Microphonic                                                            |
| 253  | Misfires                                                               |
| 106  | Missing bolts, nuts, screws, safety wire                               |
| 908  | Miswired                                                               |
| 420  | Moisture saturation (condensation)                                     |
| 425  | Nicked                                                                 |
| 799  | No defect                                                              |
| 305  | No fuel cutoff                                                         |
| 367  | No indicating lights                                                   |
| 022  | No oscillation                                                         |
| 255  | No output/incorrect output                                             |
| 008  | Noisy (chattering)                                                     |
| 398  | Oil consumption excessive                                              |
| 603  | Oil in induction system                                                |
| 307  | Oil leak                                                               |
| 405  | Oil pressure incorrect                                                 |
| 450  | Open                                                                   |
| 003  | Open filament tube circuit                                             |
| 457  | Oscillating                                                            |
| 790  | Out of adjustment, includes out of tolerance/calibration               |
| 461  | Output too high                                                        |
| 462  | Output too low                                                         |
| 481  | Over heats                                                             |
| 021  | Over loaded                                                            |
| 464  | Overspeed                                                              |
| 259  | Over size                                                              |
| 927  | Pinched                                                                |
| 520  | Pitted                                                                 |
| 530  | Polarity reversed                                                      |
| 263  | Poor bonding                                                           |
| 964  | Poor spectrum                                                          |
| 977  | Pressure incorrect                                                     |
| 540  | Punctured                                                              |
| 476  | Rate of feather slow                                                   |
| 567  | Resistance high                                                        |
| 568  | Resistance low                                                         |
| 734  | Rise time incorrect                                                    |
| 324  | RPM beta governing faulty                                              |
| 315  | RPM fluctuation/incorrect                                              |
| 740  | Saturation resistance high                                             |
| 935  | Scored                                                                 |
| 473  | Seal/gasket blown                                                      |
| 840  | Seized                                                                 |

**Table B-1**  
**Failure codes—alphabetical—Continued**

| Code | Description                             |
|------|-----------------------------------------|
| 807  | Servo mag amp time constant             |
| 585  | Sheared                                 |
| 196  | Shorted                                 |
| 163  | Slip ring or commutator failure         |
| 640  | Slippage                                |
| 314  | Slow acceleration                       |
| 318  | Slow deceleration                       |
| 159  | Smoking                                 |
| 279  | Spray pattern defective                 |
| 271  | Sprung                                  |
| 513  | Stalls, compressor                      |
| 329  | Starting stall                          |
| 660  | Stripped                                |
| 945  | Structural failure                      |
| 504  | Sudden stoppage, blade/propeller strike |
| 519  | Surged                                  |
| 649  | Sweep malfunction                       |
| 695  | Sync absent or incorrect                |
| 334  | Temperature incorrect                   |
| 664  | Tension incorrect                       |
| 274  | Timing off                              |
| 379  | Tooth broken on gear                    |
| 947  | Torn                                    |
| 167  | Torque incorrect                        |
| 816  | Total impedance, high                   |
| 817  | Total impedance, low                    |
| 561  | Unable to adjust limit                  |
| 670  | Unbalanced                              |
| 275  | Undersize                               |
| 680  | Unstable                                |
| 690  | Vibration excessive                     |
| 692  | Video faulty                            |
| 701  | Warped                                  |
| 622  | Wet                                     |
| 722  | Weld cracked, broken, or defective      |
| 020  | Worn Excessively                        |

**Table B-2**  
**Failure codes—numerical**

| Code | Description                   |
|------|-------------------------------|
| 001  | Gassy                         |
| 002  | Air leak                      |
| 003  | Open filament tube circuit    |
| 004  | Low GM or emission            |
| 007  | Arcing, arced                 |
| 008  | Noisy (chattering)            |
| 009  | Microphonic                   |
| 015  | Excessive noise (electronics) |
| 020  | Worn excessively              |
| 021  | Over loaded                   |
| 022  | No oscillation                |
| 024  | Calibration incorrect         |
| 025  | Capacitance incorrect         |
| 026  | Cold solder joint             |
| 027  | Collapsed                     |
| 029  | Current incorrect             |
| 031  | Alignment improper            |
| 037  | Fluctuates/unstable           |
| 040  | Mechanical binding            |
| 050  | Blistered                     |
| 051  | Fails to tune or drifts       |
| 055  | Feedback incorrect            |
| 060  | Brittle                       |
| 061  | Fused, includes melted        |
| 064  | Incorrect modulation          |
| 065  | High VSWR                     |
| 069  | Flame out                     |
| 070  | Broken                        |
| 079  | Hot firing damage             |

**Table B-2**  
**Failure codes—numerical—Continued**

| Code | Description                                  |
|------|----------------------------------------------|
| 080  | Burned out                                   |
| 081  | Interference                                 |
| 088  | Incorrect gain                               |
| 092  | Low power (electronic)                       |
| 105  | Loose bolts, nuts, screws                    |
| 106  | Missing bolts, nuts, screws                  |
| 108  | Broken safety wire or key                    |
| 109  | Buckled or twisted                           |
| 111  | Burst, exploded, ruptured                    |
| 114  | Controls inoperative                         |
| 115  | Damaged                                      |
| 116  | Cut                                          |
| 117  | Deteriorated                                 |
| 118  | Disconnected                                 |
| 120  | Chafed                                       |
| 127  | Adjustment improper                          |
| 128  | Air start failure                            |
| 129  | Backfiring                                   |
| 135  | Binding, includes friction excessive, locked |
| 159  | Smoking                                      |
| 160  | Contact/connection defective                 |
| 163  | Slip ring or commutator failure              |
| 167  | Torque incorrect                             |
| 169  | Incorrect voltage                            |
| 170  | Corroded (metal), includes rusting           |
| 171  | Burred                                       |
| 179  | Fuel pressure incorrect                      |
| 180  | Clogged                                      |
| 181  | Low compression                              |
| 190  | Cracked                                      |
| 196  | Shorted                                      |
| 200  | Dented                                       |
| 201  | Distortion                                   |
| 210  | Detent action poor                           |
| 214  | Grooved                                      |
| 230  | Dirty                                        |
| 231  | Elongated                                    |
| 234  | Excessive G forces                           |
| 235  | Dry                                          |
| 239  | Improper fit, form, function                 |
| 240  | Flaking                                      |
| 248  | Icing                                        |
| 250  | Frayed                                       |
| 253  | Misfires                                     |
| 255  | No output/incorrect output                   |
| 259  | Over size                                    |
| 263  | Poor bonding                                 |
| 271  | Sprung                                       |
| 274  | Timing off                                   |
| 275  | Undersize                                    |
| 279  | Spray pattern defective                      |
| 280  | Fungus effect                                |
| 281  | Faulty instrument reading                    |
| 290  | Fails diagnostic/automatic tests             |
| 293  | Electrical power loss                        |
| 295  | Electromagnetic environmental effect         |
|      | Electronic interference/discharge            |
| 300  | Grounded                                     |
| 301  | Foreign object damage                        |
| 305  | No fuel cutoff                               |
| 306  | Contamination                                |
| 307  | Oil leak                                     |
| 311  | Hard landing                                 |
| 314  | Slow acceleration                            |
| 315  | RPM fluctuation/incorrect                    |
| 317  | Hot start                                    |
| 318  | Slow deceleration                            |
| 320  | High voltage breakdown                       |
| 324  | RPM beta governing faulty                    |
| 329  | Starting stall                               |
| 334  | Temperature incorrect                        |
| 340  | Improperly installed                         |
| 350  | Insulation breakdown                         |

**Table B-2**  
**Failure codes—numerical—Continued**

| Code | Description                                             |
|------|---------------------------------------------------------|
| 360  | Intermittent                                            |
| 367  | No indicating lights                                    |
| 370  | Jammed                                                  |
| 372  | Metal on magnetic plug                                  |
| 374  | Internal failure                                        |
| 379  | Tooth broken on gear                                    |
| 381  | Leaking (liquid)                                        |
| 382  | Liquid/vapor lock                                       |
| 383  | Lock-on malfunction                                     |
| 398  | Oil consumption excessive                               |
| 405  | Oil pressure incorrect                                  |
| 420  | Moisture saturation (condensation)                      |
| 425  | Nicked                                                  |
| 450  | Open                                                    |
| 457  | Oscillating                                             |
| 461  | Output too high                                         |
| 462  | Output too low                                          |
| 464  | Overspeed                                               |
| 472  | Fuse blown                                              |
| 473  | Seat/gasket blown                                       |
| 476  | Rate of feather slow                                    |
| 481  | Over heats                                              |
| 500  | Lubrication (over or under) or absent                   |
| 504  | Sudden stoppage, blade/propeller strike                 |
| 507  | Exposed to salt water environment                       |
| 508  | Exposed to fire/high temperature                        |
| 513  | Stalls, compressor                                      |
| 519  | Surged                                                  |
| 520  | Pitted                                                  |
| 530  | Polarity reversed                                       |
| 537  | Low power or torque                                     |
| 540  | Punctured                                               |
| 561  | Unable to adjust limit                                  |
| 567  | Resistance high                                         |
| 568  | Resistance low                                          |
| 585  | Sheared                                                 |
| 602  | Failure caused by other component failure               |
| 603  | Oil in induction system                                 |
| 604  | Manifold pressure beyond limits                         |
| 622  | Wet                                                     |
| 627  | Improper attenuation                                    |
| 640  | Slippage                                                |
| 649  | Sweep malfunction                                       |
| 660  | Stripped                                                |
| 664  | Tension incorrect                                       |
| 670  | Unbalanced                                              |
| 680  | Unstable                                                |
| 688  | Improper energy response                                |
| 689  | Improper source output                                  |
| 690  | Vibration excessive                                     |
| 692  | Video faulty                                            |
| 693  | Audio faulty                                            |
| 695  | Sync absent or incorrect                                |
| 701  | Warped                                                  |
| 703  | Improper amplitude                                      |
| 705  | Beyond specified tolerance                              |
| 710  | Bearing or bushing failure                              |
| 717  | Accident damage                                         |
| 720  | Brush failure/worn excessively                          |
| 722  | Weld cracked, broken or defective                       |
| 730  | Loose                                                   |
| 731  | Battle damage                                           |
| 734  | Rise time incorrect                                     |
| 740  | Saturation resistance high                              |
| 748  | Frequency, erratic or incorrect                         |
| 780  | Bent                                                    |
| 790  | Out of adjustment includes out of tolerance/calibration |
| 799  | No defect                                               |
| 807  | Servo mag amp time constant                             |
| 816  | Total impedance, high                                   |
| 817  | Total impedance, low                                    |
| 840  | Seized                                                  |
| 844  | Corona effect                                           |

**Table B-2**  
**Failure codes—numerical—Continued**

| Code | Description                                                            |
|------|------------------------------------------------------------------------|
| 845  | Crystallized                                                           |
| 846  | Delaminated                                                            |
| 855  | Heat damage                                                            |
| 900  | Burned, includes charred                                               |
| 908  | Miswired                                                               |
| 910  | Chipped                                                                |
| 916  | Impending or incipient failure indicated by spectrometric oil analysis |
| 927  | Pinched                                                                |
| 935  | Scored                                                                 |
| 945  | Structural failure                                                     |
| 947  | Torn                                                                   |
| 964  | Poor spectrum                                                          |
| 968  | Dioding                                                                |
| 977  | Pressure incorrect                                                     |
| 999  | Drive/disk failure/crash (computers)                                   |

**Table B-3**  
**Failure detected during codes**

| Code | Description           |
|------|-----------------------|
| A    | Scheduled maintenance |
| B    | Handling              |
| C    | Test                  |
| D    | Normal operation      |
| E    | Storage               |
| F    | Inspection            |
| G    | Flight                |
| H    | Other                 |
| J    | Calibration           |

**Table B-4**  
**First Indication of trouble codes**

| Code | Description       |
|------|-------------------|
| 008  | Noisy             |
| 068  | Inoperative       |
| 258  | Overheating       |
| 387  | Low performance   |
| 790  | Out of adjustment |
| 360  | Intermittent      |
| 432  | Off frequency     |
| 680  | Unstable          |
| 077  | Accident          |
| 777  | Mid-service life  |
| 099  | Other             |

**Table B-5**  
**Action codes**

| Code | Description                                                                                                                                                                                                                                                                                                                                                                                                  |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A    | Replaced. This code will be used when an item (repair parts, components, etc.) is removed and replaced concurrently (or at a later time) by a like or an equivalent item(except for gun/ how-itzer tubes and hourmeters/odometers, see codes W and X). For the purpose of avionics, when the equivalent item changes the avionic system designation, use action codes 'R' and 'S'in lieu of action code 'A.' |
| B    | Adjusted. This code will be used when tightening, adjusting, bleeding, rigging or activating reset buttons or switches, regulating, etc.                                                                                                                                                                                                                                                                     |

**Table B-5**  
**Action codes—Continued**

| Code    | Description                                                                                                                                                                                                                                                                               |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C       | Repaired. This code will be used when a reparable item is repaired. This will include, but not be limited to, disassembly, cleaning incidental to repair action, inspection, adjustment, internal lubrication, replacement of integral parts, assemblies and sub-assemblies, and welding. |
| D       | Manufacture/Fabrication Of Repair Parts. This code will be used when repair parts are manufactured or fabricated from stock. This will include but not be limited to such items as hydraulic tubes, lines and hoses, and noncritical airframe members and brackets.                       |
| E       | Services. This code will be used to report all service actions performed by maintenance personnel, to include, but not be limited to compliance with Lube Orders (LO), performance of preventive maintenance services (PMS).                                                              |
| F       | Initial Inspection. This code will be used when inspecting items to establish maintenance action(s) required to return item to serviceable status.                                                                                                                                        |
| G       | Final Inspection. This code will be used when inspecting items to determine acceptability of maintenance accomplished.                                                                                                                                                                    |
| H       | MWO. This code will be used to identify the application of Modification Work Orders.                                                                                                                                                                                                      |
| I       | Not Used.                                                                                                                                                                                                                                                                                 |
| J       | Tested. This code will be used when performing diagnostic or mechanical tests which are used to measure the performance of an item against established serviceability/technical standards.                                                                                                |
| K       | In Process Inspection.                                                                                                                                                                                                                                                                    |
| L       | Removed and Installed. This code will be used when an item is removed for any reason and the same item is reinstalled.                                                                                                                                                                    |
| M       | Checked, NRTS. This code will be used when an item is checked or tested and it is determined to be "Not Repairable at This Station or site."<br>Note: Local policy may prescribe use of NRTS codes in table B-10.                                                                         |
| N       | Checked. Not Repairable. This code will be used when an item is checked or tested and it is determined to be nonreparable (condemned). This code applies also for items beyond economic repair limitations.                                                                               |
| O       | Overhaul.                                                                                                                                                                                                                                                                                 |
| P       | Checked, Serviceable. This code will be used for items checked or tested and no repair is required. This code is applicable only if it is determined that a reported fault does not exist or cannot be duplicated.                                                                        |
| Q       | MWO Removal. This code will be used to identify the removal of an DAMWO as a result of cancellation of the DAMWO requirement.                                                                                                                                                             |
| R       | Removed. This code will be used when an item is removed, and only the removal time is to be accounted for.                                                                                                                                                                                |
| S       | Installed. This code will be used when an item is installed, and only the installation time is to be accounted for.                                                                                                                                                                       |
| T       | TB Compliance. This code will be used to identify the compliance with the instructions of a specifically cited technical bulletin.                                                                                                                                                        |
| U       | Decontamination of equipment.                                                                                                                                                                                                                                                             |
| V       | Special Purpose Alteration (SPA) apply/applied.                                                                                                                                                                                                                                           |
| W       | Hour Meter/Odometer Change. This code will be used to indicate the replacement of an hour meter and/or odometer.                                                                                                                                                                          |
| X       | Gun Change. This code will be used to report the replacement of a gun.                                                                                                                                                                                                                    |
| Y       | Special Mission Alteration (SMA) apply/applied.                                                                                                                                                                                                                                           |
| Z       | Safety Recall Order (SRO) apply/applied.                                                                                                                                                                                                                                                  |
| Numeric |                                                                                                                                                                                                                                                                                           |
| 0       | Modification By Replacement. This code will be used when modification (DAMWO) of an end item is accomplished by replacing an unmodified component/assembly with a modified component/assembly.                                                                                            |
| 8       | Maintenance action not able to be performed (SAMS Unique).                                                                                                                                                                                                                                |
| 9       | Modification by replacement.                                                                                                                                                                                                                                                              |

**Table B-6**  
**Utilization codes**

| Code | Description                                                |
|------|------------------------------------------------------------|
| 0    | Active Components (except as otherwise listed)             |
| 1    | Depot Stock                                                |
| 2    | Post supply activities                                     |
| 3    | (not used)                                                 |
| 4    | Operational readiness float (ORF)                          |
| 5    | Installation Maintenance and Service Equipment             |
| 6    | (Not Used)                                                 |
| 7    | Army National Guard, except MATES                          |
| 8    | Army National Guard (MATES)                                |
| 9    | Air Force National Guard units                             |
| A    | Army Reserve units, except equipment pools                 |
| B    | Army Reserve units, equipment pools                        |
| C    | Air Force Reserve                                          |
| D    | Army ROTC                                                  |
| E    | Air Force ROTC                                             |
| G    | Defense Atomic Support Agency                              |
| H    | U.S. Army Intelligence and Security Command                |
| J    | Defense Communications Security Agency                     |
| K    | U.S. Army Training and Doctrine Command                    |
| L    | U.S. Army Test and Evaluation Command                      |
| M    | Civilian Support Units                                     |
| N    | Prepositioned stock in Europe except POMCUS                |
| P    | Depot installation equipment                               |
| Q    | Equipment assigned to service schools and training centers |
| R    | Military Assistance Program (MAP)                          |
| S    | Overhaul facility, military                                |
| T    | Overhaul facility, commercial                              |
| U    | Manufacturing facility                                     |
| V    | Passenger-Carrying and General Purpose**                   |
| W    | Equipment assigned to National Training Centers            |
| X    | Repair Cycle Float (RCF)                                   |
| Y    | POMCUS in Europe                                           |

**Notes:**

NOTE \*\* Passenger-carrying and general purpose vehicles as listed in section II, appendix E (excludes special purpose vehicles.)

**Table B-7**  
**Time conversion codes**

| Minutes     | Parts of hour |
|-------------|---------------|
| 0 .....     | 0.0           |
| 1-6 .....   | 0.1           |
| 7-12 .....  | 0.2           |
| 13-18 ..... | 0.3           |
| 19-24 ..... | 0.4           |
| 25-30 ..... | 0.5           |
| 31-36 ..... | 0.6           |
| 37-42 ..... | 0.7           |
| 43-48 ..... | 0.8           |
| 49-54 ..... | 0.9           |
| 55-60 ..... | 1.0           |

**Notes:**

Time required in 'man-hour' columns of DA Forms contained in this pamphlet will be reported in hours and tenths of hours. When entering hours or tenths of hours on forms, a zero should be entered on either side of the decimal where appropriate, e.g., 2.0 when entering full hours, 0.7 when entering tenths of hours.

**Table B-8**  
**Equipment repair action code**

## Code Description

- W Repairs performed on selected combat or tactical vehicles under the CONUS Tactical Wheeled Vehicle Repair Program, OCONUS-Theater Intermediate General Support Repair Program (GSRP) (formerly the Theater Army Repair Program (TARP)), or other DA approved programs requiring DA Forms 2408-9.

**Table B-9**  
**Miscellaneous codes**

1. Unit Identification Code
  - a. For U.S. Army units, organizations, and activities, see DOD 4000, DODAAC UIC Cross Ref World Wide Report.
  - b. For contractors, manufacturers, and commercial activities, use their five-digit code, as prescribed in SB 708-41, 708-42, or SB 708-43, preceded by the letter 'K', e.g., General Motors-K24617.
2. Department of Defense Activity Address Code (DODAAC)
  - a. For U.S. Army units, organizations, activities and others, see DOD Activity Address Directory (DODAAD)4000.25-D (U).
  - b. This 6-digit code gives a delivery address for supplies and equipment and is used in preparation of category I and II deficiency reports.

**Table B-10**  
**NRTS (not reparable this station) codes**

## Code Description

- 1 Bench Checked-NRTS (Not Reparable This Station), Repair Not Authorized. This code will be entered when the shop is not authorized to accomplish the repair. This code will not be used unless the repair of the item is specifically prohibited by current technical directives.
- 2 Bench Check-NRTS-Lack of Equipment, Tools, or Facilities. This code will be entered when repair cannot be accomplished due to lack of equipment, tools, or facilities. Lack of authorization for the required tools, equipment, or facilities does not preclude use of this code.
- 3 Bench-Checked-NRTS-Lack of Technical Skills. This code will be entered when repair cannot be accomplished due to lack of technically qualified people.
- 4 Bench Checked-NRTS-Lack of Parts. This code will be entered when parts are not available to accomplish repair.
- 5 Bench Checked-NRTS-Shop Backlog. This code will be entered when repair cannot be accomplished due to excessive shop backlog.
- 6 Bench Checked-NRTS-Lack of Technical Data. This code will be entered when repair cannot be accomplished due to lack of maintenance manuals, drawings, etc., which describe detailed repair procedures and requirements.
- 7 Bench Checked-NRTS-Excess to Base Requirements. This code will be entered when repair will not be scheduled for shop repair due to item being excess to base requirements.
- 8 This code not used.
- 9 Bench Checked-Condemned. This code will be entered when the item cannot be repaired, and is to be processed for condemnation, reclamation, or salvage. This code will also be used when a 'condemned' condition is discovered during support maintenance disassembly or repair.

**Table B-11**  
**Vehicle use codes**

## Code Description

- A Army Operated. Includes any Army-owned passenger carrying and general purpose vehicles listed in appendix E, table E-4, used or operated by Army personnel (GOGO).

**Table B-11**  
**Vehicle use codes—Continued**

## Code Description

- B Contractor Operated. Includes any Army-owned passenger carrying and general purpose vehicles listed in appendix E, table E-4, that are furnished to contractors by the Department of the Army for contractor use (GOCO).
- R Facilities Engineering Vehicles. Includes special purpose (commercial) and military design vehicles used on installations real in the performance of property management activities by installation level director of engineering and housing personnel.
- X All Other Special Purpose Vehicles. Includes all other special purpose vehicles not covered by code R.

**Table B-12**  
**Equipment acceptance codes**

## Code Description

- A Accepted from a manufacturer (new procurement).
- B Acceptance from local procurement.

**Table B-13**  
**Equipment usage codes**

## Code Description

- C Periodic usage report.
- D Special usage report (as directed by DA).

**Table B-14**  
**Equipment transfer codes**

## Code Description

- 1 Shipped to another property account.
- 2 Received from another property account.

**Table B-15**  
**Equipment loss codes**

## Code Description

- E Loss due to disassembly of a reportable integrated set/ assembly.
- I Combat loss (abandoned, captured, destroyed).
- J Turned in to Defense Reutilization and Marketing Office (DRMO) or salvage point.
- K Shipped to Other (non-Army) Government, departments, agencies, services, MAP or foreign military sales.
- L Physical loss other than combat (pilferage, theft, etc.)
- M Identification loss, NSN redesignation.
- N Identification loss, integrated into a set assembly or system; or a change of equipment serial number or registration number.

**Table B-16**  
**Equipment gain codes**

## Code Description

- F Gain of an individual reportable item as a result of disassembly of an integrated set/assembly.
- P Combat gain (recaptured or recovered).
- Q Reclaimed from Defense Reutilization and Marketing Office or cannibalization point.
- R Received from other (non-Army) Government departments, agencies or services or security/ Military Assistance Program (MAP) countries.

**Table B-16**  
**Equipment gain codes—Continued**

| Code | Description                                                                                                                                                                                                                                                          |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S    | Identification gain, redesignated NSN.                                                                                                                                                                                                                               |
| T    | Identification gain, integrated set assembly with new NSN; or a change of equipment serial number or registration number.                                                                                                                                            |
| U    | Inventory adjustment gain (found on post). This code will also be used to report the gain of reportable items of equipment which have been added to appendix E by TWX or changes to this pamphlet and to report the gain of previously unknown or unreported assets. |

**Table B-17**  
**Equipment overhaul code**

| Code | Description                                        |
|------|----------------------------------------------------|
| V    | Item overhauled at an Army or contractor facility. |

**Table B-18**  
**Equipment category codes (ECC)**

| Code      | Description                                      |
|-----------|--------------------------------------------------|
| A         | AIRCRAFT                                         |
| B         | AIR DEFENSE SYSTEMS                              |
| C         | MISSILE SYSTEMS LAND COMBAT                      |
| D         | ARTILLERY WEAPONS                                |
| E         | SMALL ARMS                                       |
| F         | TANKS                                            |
| G         | COMBAT VEHICLES                                  |
| H         | TACTICAL VEHICLES                                |
| J         | COMMUNICATIONS AND ELECTRONIC EQUIPMENT          |
| K         | ELECTRONIC TEST EQUIPMENT                        |
| L         | FLOATING EQUIPMENT                               |
| M         | RAILWAY EQUIPMENT                                |
| N         | CONSTRUCTION EQUIPMENT                           |
| O         | MEDICAL AND DENTAL EQUIPMENT                     |
| P         | MATERIAL HANDLING EQUIPMENT                      |
| Q         | SUPPORT EQUIPMENT                                |
| R         | AMMUNITION AND AMMUNITION EQUIPMENT              |
| S         | INSTALLATION/DEPOT PECULIAR SERVICE EQUIPMENT    |
| T         | MACHINE TOOLS                                    |
| U         | SHOP SUPPORT EQUIPMENT                           |
| V         | NON-TACTICAL WHEELED VEHICLES(COMMERCIAL DESIGN) |
| W         | FURNITURE AND APPLIANCES                         |
| X         | OFFICE EQUIPMENT                                 |
| Y         | TOOLS NOT LISTED ELSEWHERE                       |
| Z         | EQUIPMENT NOT LISTED ELSEWHERE                   |
| Secondary |                                                  |
| A         | AIRCRAFT                                         |
| AC        | Air traffic control equipment                    |
| AF        | Fixed wing                                       |
| AL        | Aviation life support equipment                  |
| AR        | Rotary wing                                      |
| AT        | Training flight simulator trainer                |
| AX        | Ancillary equipment                              |
| AZ        | Tools and test equipment/Training Aids/Devices   |
| B         | AIR DEFENSE SYSTEM                               |
| BD        | AN/TSQ-73                                        |
| BE        | GM System HAWK                                   |
| BF        | Armament subsystem helicopter M-22               |
| BJ        | Redeye                                           |
| BK        | Chaparral                                        |
| BL        | Data converter air defense system                |
| BM        | LSDIS                                            |
| BN        | STINGER                                          |
| BP        | PATRIOT                                          |
| BT        | Target missile systems                           |
| BU        | Guides missile systems                           |
| BV        | Miscellaneous                                    |
| BX        | Training and handling equipment                  |

**Table B-18**  
**Equipment category codes (ECC)—Continued**

| Code | Description                                      |
|------|--------------------------------------------------|
| BZ   | Tools and test equipment/Training Aids/Devices   |
| C    | MISSILE SYSTEMS LAND COMBAT                      |
| CA   | Land Combat Support System (LCSS)                |
| CB   | TOW                                              |
| CC   | TOW II                                           |
| CD   | DRAGON                                           |
| CE   | SLUFAE                                           |
| CF   | G/VLLD M981, G/VLLD Ground                       |
| CG   | Multiple Rocket Launcher System (MLRS)           |
| CH   | HELLFIRE                                         |
| CJ   | Mast Mounted Sight (MMS)                         |
| CL   | LANCE                                            |
| CN   | Honest John                                      |
| CP   | Air-to-Air Stinger                               |
| CQ   | Little John                                      |
| CV   | Shillelagh                                       |
| CW   | Sergeant                                         |
| CX   | Training and handling equipment                  |
| CY   | Miscellaneous                                    |
| CZ   | Tools and test equipment/Training Aids/Devices   |
| D    | ARTILLERY WEAPONS                                |
| DA   | Towed howitzers                                  |
| DB   | Mortars                                          |
| DC   | Recoilless rifles                                |
| DD   | Recoilless guns                                  |
| DE   | Rocket launchers                                 |
| DF   | Computer guns                                    |
| DG   | Antiaircraft guns                                |
| DX   | Training equipment                               |
| DZ   | Tools and test equipment                         |
| E    | SMALL ARMS                                       |
| EA   | Armament subsystems                              |
| EB   | Rifles                                           |
| EC   | Machine guns                                     |
| ED   | Grenade launchers                                |
| EE   | Submachine guns                                  |
| EF   | Automatic guns                                   |
| EG   | Rocket launchers                                 |
| EH   | Carbines                                         |
| EI   | Guns, other                                      |
| EJ   | Handguns                                         |
| EK   | Shotguns                                         |
| EM   | Small arms, other                                |
| EX   | Ancillary equipment                              |
| EY   | Miscellaneous support equipment                  |
| EZ   | Tools and test equipment/Training Aids/Devices   |
| F    | TANKS                                            |
| FA   | 76MM                                             |
| FB   | 90MM, 105MM, 120MM                               |
| FC   | 152MM                                            |
| FX   | Training equipment                               |
| FZ   | Tools and test equipment/Training Aids/Devices   |
| G    | COMBAT VEHICLES                                  |
| GA   | Self-propelled howitzers                         |
| GB   | Self-propelled mortars                           |
| GC   | Combat vehicle, anti-tank                        |
| GD   | Self-propelled guns                              |
| GF   | Recovery vehicles                                |
| GG   | Combat engineer vehicles                         |
| GJ   | Tractors                                         |
| GK   | Launcher, bridge                                 |
| GL   | Personnel carriers                               |
| GM   | Armored reconnaissance airborne assault vehicles |
| GN   | Amphibious cargo carriers                        |
| GP   | Carrier, command reconnaissance                  |
| GQ   | Carriers, command post                           |
| GR   | Carriers, cargo tracked                          |
| GS   | Carriers, flamethrower (M132A1)                  |
| GW   | Carriers, other                                  |
| GX   | Ancillary equipment                              |
| GZ   | Tools and test equipment/Training Aids/ Devices  |
| H    | TACTICAL VEHICLES                                |
| HA   | Trucks, 1/4 ton, ambulance                       |

**Table B-18**  
**Equipment category codes (ECC)—Continued**

| Code | Description                                    |
|------|------------------------------------------------|
| HB   | Trucks, 1/4 ton, utility                       |
| HC   | Trucks, 1/2 ton                                |
| HD   | Trucks, 3/4 ton, cargo                         |
| HE   | Trucks, 3/4 ton, other                         |
| HF   | Trucks, 1 1/4 ton                              |
| HG   | Trucks, 2 1/2 ton, cargo                       |
| HH   | Trucks, 2 1/2 ton, other                       |
| HI   | Trucks, 5 ton, cargo                           |
| HJ   | Trucks, 5 ton, other                           |
| HK   | Trucks, 8 ton                                  |
| HL   | Trucks, 10 ton                                 |
| HM   | Trucks, 12 to 25 tons                          |
| HO   | Trucks, over 25 ton                            |
| HP   | Carriers, utility, articulated                 |
| HQ   | Armored cars                                   |
| HS   | Semi-trailers                                  |
| HT   | Trailers                                       |
| HU   | Truck chassis                                  |
| HW   | Trailer chassis (all)                          |
| HX   | Sleds                                          |
| HY   | Dollies                                        |
| HZ   | Tools and test equipment/Training Aids/Devices |
| J    | COMMUNICATIONS AND ELECTRONIC EQUIPMENT        |
| JA   | Infrared surveillance systems                  |
| JB   | Communications security equipment              |
| JC   | Telephone—telegraph terminals                  |
| JD   | Radiac sets and meters                         |
| JE   | Special use intelligence equipment             |
| JF   | Interrogator sets                              |
| JG   | Teletypewriters                                |
| JH   | SIGINT/EW equipment                            |
| JI   | Intercommunication sets                        |
| JJ   | Intrusion detections systems                   |
| JL   | Lasers                                         |
| JM   | Meteorological                                 |
| JP   | Radar                                          |
| JR   | Radios                                         |
| JS   | Operation central communications               |
| JT   | Transmitters                                   |
| JU   | Receivers                                      |
| JX   | Ancillary equipment                            |
| JY   | Digital computer systems                       |
| JZ   | Tools and test equipment/Training Aids/Devices |
| K    | ELECTRONIC TEST EQUIPMENT                      |
| KA   | Equipment                                      |
| KB   | Meters                                         |
| KC   | Analyzers                                      |
| KD   | Wire communications                            |
| KE   | Radiac equipment/radiac test equipment         |
| KF   | Meteorological                                 |
| KH   | Avionics                                       |
| KJ   | Computers                                      |
| KK   | Chargers                                       |
| KL   | Signal Generators                              |
| KY   | Miscellaneous support equipment                |
| KZ   | Tools and test equipment/Training Aids/Devices |
| L    | FLOATING EQUIPMENT                             |
| LA   | Barges                                         |
| LB   | Boat, bridging                                 |
| LC   | Boats, passenger pickets and utility           |
| LD   | Landing crafts                                 |
| LE   | Tugs                                           |
| LF   | Vessels                                        |
| LG   | Propelling units, outboard                     |
| LH   | Barge cranes                                   |
| LJ   | Boat, trailers                                 |
| LK   | Boats, recreational                            |
| LL   | Lighter, Amphibious                            |
| LM   | Transport mobile assault bridge                |
| LX   | Ancillary equipment                            |
| LY   | Miscellaneous                                  |
| LZ   | Tools and test equipment/Training Aids/Devices |
| M    | RAILWAY EQUIPMENT                              |

**Table B-18**  
**Equipment category codes (ECC)—Continued**

| Code | Description                                    |
|------|------------------------------------------------|
| MA   | Cars                                           |
| MB   | Maintenance cars                               |
| MC   | Diesel locomotives                             |
| MD   | Cranes                                         |
| ME   | Other                                          |
| MX   | Ancillary equipment                            |
| MZ   | Tools and equipment/Training Aids/Device       |
| N    | CONSTRUCTION EQUIPMENT                         |
| NA   | Crushers and plants                            |
| NB   | Paving equip/mixers/distributors               |
| NC   | Earthmoving                                    |
| ND   | Tractors                                       |
| NE   | Graders                                        |
| NF   | Cranes/shovels/excavators                      |
| NG   | Loaders                                        |
| NH   | Rollers                                        |
| NJ   | Drills                                         |
| NK   | Bridges, erection and ferry                    |
| NL   | Bridges, armor vehicle launch                  |
| NM   | Spreaders (all types)                          |
| NN   | Trucks (CCE)                                   |
| NO   | Bridges, floating                              |
| NP   | Kettles, heating bituminous                    |
| NS   | Landing mat sets                               |
| NT   | Heaters                                        |
| NU   | Conveyors/elevators                            |
| NV   | Special/miscellaneous                          |
| NX   | Ancillary equipment                            |
| NZ   | Tools and test equipment/Training Aids/Devices |
| O    | MEDICAL AND DENTAL EQUIPMENT                   |
| OA   | Anesthesia apparatus                           |
| OB   | Blood Gas Apparatus/analyzer                   |
| OC   | Centrifuge                                     |
| OD   | X-ray film processing systems                  |
| OE   | Defibrillator/monitor                          |
| OF   | Dental operating units                         |
| OG   | Compressor/dehydrator                          |
| OH   | Table operating field                          |
| OI   | Radiographics                                  |
| OJ   | Refrigerator/freezers                          |
| OK   | Respirator/ventilator                          |
| OL   | Sinks                                          |
| OM   | Sterilizers                                    |
| ON   | Suction and pressure apparatus                 |
| OO   | Medical equipment set (MES)                    |
| OP   | Medical material set (MMS)                     |
| OQ   | X-ray apparatus                                |
| OR   | Miscellaneous                                  |
| OX   | Ancillary equipment                            |
| OZ   | Tools and test equipment                       |
| P    | MATERIAL HANDLING EQUIPMENT                    |
| PA   | Cranes warehouse                               |
| PB   | Trucks, forklift electric                      |
| PC   | Trucks, forklift GED                           |
| PD   | Trucks, platform                               |
| PE   | Tractors, warehouse                            |
| PF   | Trucks, straddle                               |
| PG   | Trucks, forklift—rough, terrain                |
| PH   | Trucks, forklift—air mobile                    |
| PI   | Trucks, forklift—other                         |
| PJ   | Trucks stock selector                          |
| PK   | Truck Cranes, 140 ton or over                  |
| PL   | Trucks, forklifts, other                       |
| PM   | Hoists                                         |
| PN   | Cranes, floor and overhead                     |
| PO   | Conveyors                                      |
| PP   | Hand trucks                                    |
| PQ   | Ramp docks                                     |
| PR   | Trailers                                       |
| PS   | Trucks, material handling                      |
| PT   | Pallet jacks                                   |
| PX   | Ancillary equipment                            |
| PY   | Miscellaneous support equipment                |

**Table B-18**  
**Equipment category codes (ECC)—Continued**

| Code | Description                                                                                       |
|------|---------------------------------------------------------------------------------------------------|
| PZ   | Tools and test equipment/Training Aids/Devices                                                    |
| Q    | SUPPORT EQUIPMENT                                                                                 |
| QA   | Bakery                                                                                            |
| QB   | Generators                                                                                        |
| QC   | Compressors                                                                                       |
| QD   | Pumps                                                                                             |
| QE   | Laundry units                                                                                     |
| QF   | Air conditioners                                                                                  |
| QG   | Welding machines                                                                                  |
| QH   | Lubricating and servicing units                                                                   |
| QI   | Liquid oxygen converters                                                                          |
| QJ   | Water purification units                                                                          |
| QK   | Generating and charging plants                                                                    |
| QL   | Elevators hydraulic (guided missile)                                                              |
| QM   | Chemical protection                                                                               |
| QN   | Lighting equipment                                                                                |
| QP   | Power plants/units                                                                                |
| QQ   | Reproduction equipment                                                                            |
| QR   | Topographic/measuring/surveying/mapping                                                           |
| QS   | Repair shop equipment                                                                             |
| QT   | Special repair and utilities                                                                      |
| QU   | Firefighting equipment                                                                            |
| QV   | Special shop equipment                                                                            |
| QW   | Detection equipment                                                                               |
| QX   | Refrigeration                                                                                     |
| QY   | Miscellaneous support equipment                                                                   |
| QZ   | Tools and test equipment/Training Aids/Devices                                                    |
| R    | AMMUNITION AND AMMUNITION EQUIPMENT                                                               |
| RA   | Punch primers, etc.                                                                               |
| RB   | Protection devices                                                                                |
| RD   | Furnaces                                                                                          |
| RE   | Devices/fixtures                                                                                  |
| RF   | Panels                                                                                            |
| RG   | Plants                                                                                            |
| RH   | Tanks                                                                                             |
| RI   | Hoppers                                                                                           |
| RJ   | Vacuum chambers/separators                                                                        |
| RK   | Special equipment                                                                                 |
| RL   | Ammunition material                                                                               |
| RN   | Selected ammunition                                                                               |
| RP   | Special EOD tools and equipment                                                                   |
| RQ   | Test and handling equipment                                                                       |
| RT   | Ammunition peculiar equipment (APE)                                                               |
| RZ   | Tools and test equipment/Training Aids/Devices                                                    |
| S    | INSTALLATIONS DEPOT PECULIAR SERVICE EQUIPMENT                                                    |
| SA   | Photographic/television                                                                           |
| SB   | Public address                                                                                    |
| SC   | Maintenance platforms                                                                             |
| SD   | Measuring                                                                                         |
| SE   | Traffic controls                                                                                  |
| SF   | Conditioner/polish scrubbing                                                                      |
| SG   | Dryers/filters                                                                                    |
| SH   | Driver training/testing                                                                           |
| SI   | Optical equipment                                                                                 |
| SJ   | Safety                                                                                            |
| SK   | Vacuum lens coating                                                                               |
| SL   | Laboratory tables                                                                                 |
| SM   | Plastic processing                                                                                |
| SN   | Electrical charges                                                                                |
| SO   | Laboratory equipment                                                                              |
| SP   | Laboratory equipment—continued                                                                    |
| SQ   | Chilling machines                                                                                 |
| SR   | Communications—commercial                                                                         |
| SS   | Shelter/structure                                                                                 |
| ST   | Plating/cleaning tanks                                                                            |
| SU   | Duplicating machines                                                                              |
| SV   | Projectors (movie films)                                                                          |
| SW   | Recorder/reproducer (audio and/or video)                                                          |
| SX   | Ancillary equipment                                                                               |
| SY   | Lawn mowers, snow removal, ground maintenance, and other maintenance and services (M&S) equipment |
| SZ   | Tools and test equipment/Training Aids/Devices                                                    |
| T    | MACHINE TOOLS                                                                                     |

**Table B-18**  
**Equipment category codes (ECC)—Continued**

| Code | Description                                    |
|------|------------------------------------------------|
| TA   | Saws                                           |
| TB   | Lathes                                         |
| TC   | Grinders                                       |
| TD   | Planers                                        |
| TE   | Shapers                                        |
| TF   | Forming machines                               |
| TG   | Screw manufacturing machines                   |
| TH   | Threading machines                             |
| TJ   | Surfacers                                      |
| TK   | Boring                                         |
| TL   | Honing                                         |
| TM   | Mortisers                                      |
| TN   | Jointers                                       |
| TO   | Routers                                        |
| TP   | Broaching                                      |
| TQ   | Shear/punch/notch                              |
| TR   | Cutters                                        |
| TS   | Sanders                                        |
| TT   | Milling                                        |
| TU   | Lapping                                        |
| TV   | Presses                                        |
| TW   | Drills                                         |
| TX   | Special                                        |
| TY   | Ancillary equipment                            |
| TZ   | Tools and test equipment/Training Aids/Devices |
| U    | SHOP SUPPORT EQUIPMENT                         |
| UA   | Heat treating                                  |
| UC   | Clean, paint, process                          |
| UD   | Rubber process                                 |
| UE   | Packaging and packing                          |
| UF   | Textile/leather                                |
| UG   | Jacks                                          |
| UH   | Storage equipment                              |
| UI   | Laser equipment                                |
| UJ   | Scales                                         |
| UK   | Fans                                           |
| UL   | Tire and wheel repair                          |
| UM   | Vehicle track presses                          |
| UN   | Lubricating aids                               |
| UP   | Heaters                                        |
| UQ   | Metalizing equipment                           |
| UR   | Reels                                          |
| US   | Distribution systems                           |
| UT   | Splicing equipment                             |
| UU   | Positioners                                    |
| UV   | Drafting                                       |
| UX   | Ancillary equipment                            |
| UZ   | Tools and test equipment/Training Aids/Devices |
| V    | NON-TACTICAL WHEEL VEHICLE(COMMERCIAL DESIGN)  |
| VA   | Trucks, bolster                                |
| VB   | Trucks, dump                                   |
| VC   | Trucks, firefighting                           |
| VD   | Trucks, hopper                                 |
| VE   | Trucks, maintenance                            |
| VF   | Trucks, refuse/collection                      |
| VG   | Trucks, topographic                            |
| VH   | Trucks, tank                                   |
| VI   | Trucks, stake                                  |
| VJ   | Truck tractor (all types)                      |
| VK   | Miscellaneous                                  |
| VL   | Passenger carrying vehicles                    |
| VM   | Servicing platforms                            |
| VN   | Trucks, multipurpose                           |
| VO   | Trucks, panel                                  |
| VP   | Trucks, carryall                               |
| VQ   | Trucks, cargo                                  |
| VR   | Trucks, utility                                |
| VS   | Truck, sewage                                  |
| VT   | Trucks, other                                  |
| VU   | Trailers                                       |
| VV   | Semi-trailers                                  |
| VW   | Trucks, van                                    |
| VX   | Trucks, refrigeration                          |

**Table B-18**  
**Equipment category codes (ECC)—Continued**

| Code | Description                                       |
|------|---------------------------------------------------|
| VY   | Trucks, wrecker                                   |
| VZ   | Tools and testing equipment/Training Aids/Devices |
| W    | FURNITURE AND APPLIANCES                          |
| WA   | Desks                                             |
| WB   | Files                                             |
| WC   | Cabinets                                          |
| WD   | Rugs/curtains                                     |
| WE   | Ranges                                            |
| WF   | Refrigerators                                     |
| WG   | Frozen food displays                              |
| WH   | Water coolers                                     |
| WJ   | Musical related equipment                         |
| WK   | Washing machines                                  |
| WL   | Dryers                                            |
| WM   | Laundry extractors                                |
| WN   | Rotary files                                      |
| WR   | Davenport/couches                                 |
| WS   | Freezers                                          |
| WT   | Kitchen equipment                                 |
| WU   | Chairs                                            |
| WV   | Religious equipment                               |
| WW   | Tables                                            |
| WZ   | Tools and test equipment/Training Aids/Devices    |
| X    | OFFICE EQUIPMENT                                  |
| XA   | Safes                                             |
| XB   | Machines not listed elsewhere                     |
| XC   | Typewriters                                       |
| XD   | Addressing plates                                 |
| XE   | Calculating                                       |
| XF   | Computing                                         |
| XG   | Time/payroll recorders                            |
| XL   | Dictating                                         |
| XM   | Production control boards                         |
| XN   | Drafting tables                                   |
| XP   | Flexowriters                                      |
| XQ   | Cash registers                                    |
| XR   | Sealing units                                     |
| XU   | Engravers                                         |
| XV   | Fabricators                                       |
| XW   | Endorsers                                         |
| XX   | Flag ceremonial                                   |
| XY   | Miscellaneous support equipment ADP               |
| XZ   | Tools and test equipment/Training Aids/Devices    |
| Y    | TOOLS NOT CLASSIFIED ELSEWHERE                    |
| YA   | Aligning                                          |
| YB   | Collimators                                       |
| YD   | Saw Filers                                        |
| YE   | Multiple use gages                                |
| YF   | Metalizing guns                                   |
| YG   | Hammers                                           |
| YH   | Jacks                                             |
| YJ   | Tool kits                                         |
| YK   | Lifts                                             |
| YL   | Special machines                                  |
| YM   | Pullers                                           |
| YN   | Riveters                                          |
| YP   | Tool sets                                         |
| YQ   | Wrenches                                          |
| YR   | Vises                                             |
| YS   | Dies                                              |
| YT   | Borescopes                                        |
| YU   | Twisters                                          |
| YW   | Punches                                           |
| YZ   | Hose expanders                                    |
| Z    | EQUIPMENT NOT LISTED ELSEWHERE                    |
| ZA   | Analyzers                                         |
| ZB   | Supporters                                        |
| ZD   | Stands                                            |
| ZF   | Stain/stress measuring                            |
| ZH   | Springs                                           |
| ZJ   | Valves                                            |
| ZK   | Clothing                                          |
| ZL   | Textiles                                          |

**Table B-18**  
**Equipment category codes (ECC)—Continued**

| Code | Description             |
|------|-------------------------|
| ZM   | Museum Equipment        |
| ZN   | Footwear                |
| ZP   | Tents/canvas            |
| ZS   | Miscellaneous           |
| ZZ   | Gym and sport equipment |

**Table B-19**  
**The metric system and equivalents**

| Symbol        | When you know       | Multiple by | To Find     | Symbol |
|---------------|---------------------|-------------|-------------|--------|
| Length        |                     |             |             |        |
| in            | inches              | 2.5         | centimeters | cm     |
| ft            | feet                | 30.0        | centimeters | cm     |
| yd            | yards               | 0.9         | meters      | m      |
| mi            | miles               | 1.6         | kilometers  | km     |
| mm            | millimeters         | 0.04        | inches      | in     |
| cm            | centimeters         | 0.4         | inches      | in     |
| m             | meters              | 3.3         | feet        | ft     |
|               | meters              | 1.1         | yards       | yd     |
| km            | kilometers          | 0.62        | miles       | mi     |
| MASS (weight) |                     |             |             |        |
| oz            | ounces              | 28.0        | grams       | g      |
| lb            | pounds              | 0.45        | kilograms   | kg     |
|               | short tons (2000lb) | 0.9         | tonnes      | t      |
| g             | grams               | 0.035       | ounces      | oz     |
| kg            | kilograms           | 2.2         | pounds      | lb     |
| t             | tons (1000 kg)      | 1.1         | short tons  |        |

**Table B-20**  
**Type maintenance request code (Type MNT Req CD)**

| Code                                                                                                                                  | Description                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| These codes are used to describe the maintenance action requested. These codes are applicable to DA Form 2407, Block 5 (SAMS unique). |                                                                                                                                                                           |
| 1                                                                                                                                     | Return to user. Maintenance actions need to be performed and the equipment returned to the user.                                                                          |
| 2                                                                                                                                     | Modification Normal. A modification, special purpose alteration or special mission alteration is required to be applied on an item of equipment.                          |
| 3                                                                                                                                     | Modification Urgent/Limited. An urgent or limited urgent modification or safety recall order is required to be applied on an item of equipment.                           |
| 6                                                                                                                                     | Cosmetic Maintenance. Indicates body work, painting, etc.                                                                                                                 |
| 7                                                                                                                                     | Sample Data Collection. Data provided by user in response to query by support maintenance.                                                                                |
| 8                                                                                                                                     | Usage Device Change. Data recorded by customer unit to support unit upon change of a usage—recording device (miles, rounds, hours, kilometers).                           |
| 9                                                                                                                                     | Production. A work request applicable to more than one item, usually controlled by a maintenance control number, when a production—line type of operation may be applied. |
| A                                                                                                                                     | Estimated Cost of Damages. A request for inspection to identify cost of repairs of a specific damage, as in an accident.                                                  |
| C                                                                                                                                     | Classification. A request for the performance of an inspection to determine the classification code for turn in to the supply system.                                     |
| D                                                                                                                                     | Reparable Exchange. A request for the repair of items in support of a Reparable Exchange (RX) program.                                                                    |
| F                                                                                                                                     | Return to Stock. A work request indicating periodic maintenance is required.                                                                                              |
| H                                                                                                                                     | Recall Maintenance. Actions that can be identified and scheduled in advance.                                                                                              |
| J                                                                                                                                     | Component change. Data recorded by a customer unit upon change.                                                                                                           |

**Table B-20**  
**Type maintenance request code (Type MNT Req CD)—Continued**

| Code Description                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------|
| K Oil-Analysis Recommendation. The maintenance request is being generated as the result of an oil-analysis laboratory recommendation. |

**Table B-21**  
**Work Request Status Code (STA)**

| Code Description                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| These codes indicate the status of a work request in the maintenance shops at all levels. These codes are applicable to all SAMS and ULLS forms which have a STA block. The following describes the usage and rules of each code:                                                                                                                       |
| A Awaiting initial inspection. Includes initial inspection, acceptance, and parts determination. Code can be used at unit level. At support level, an "A" is usually entered first unless preceded by a "9".                                                                                                                                            |
| B In shop. Code can be used at unit level.                                                                                                                                                                                                                                                                                                              |
| C Awaiting shop. The initial and acceptance inspections have been completed and parts are on hand. Code can be used at unit level.                                                                                                                                                                                                                      |
| D Deferred. Equipment in use, awaiting scheduled maintenance (may or may not be awaiting parts) and not considered high priority in that equipment is operating but requires some maintenance or modification. Codes can be used at unit level. Normally used in conjunction with a non-NMC ORGWON. Can be used with a NMC ORGWON if preceded by a "2". |
| E Awaiting final inspection. Code can be used at unit level.                                                                                                                                                                                                                                                                                            |
| F Final inspection complete. Includes final inspection and work order/log book completion. NMC time is charged to the owning unit until the NMC fault is corrected and a "U" status is posted at unit level.                                                                                                                                            |
| G Test flight, or maintenance operational check. NMC time is charged to the owning unit until the NMC fault is corrected and a "U" status is posted at unit level.                                                                                                                                                                                      |
| H Awaiting disposition instructions from a higher source.                                                                                                                                                                                                                                                                                               |
| I Awaiting shop while awaiting non-NMC (not NMCS) parts. Cannot be used if due-in parts are NMCS. Code can be used at unit level. Normally used in conjunction with a non-NMC ORGWON. Can be used with a NMC ORGWON if preceded by a "2".                                                                                                               |
| J In shop awaiting NMCS parts, work continues. The calculation for NMCS/NMCM will remain in NMCM. This code was designed for aircraft but may be used for other items requiring maintenance. Code can be used at unit level.                                                                                                                            |
| K Awaiting non-NMC parts (not NMCS). No further repair actions can be made because the non-deadlining parts are not available. Normally used in conjunction with a non-NMC ORGWON. Can be used with a NMC ORGWON if preceded by a "2".                                                                                                                  |
| L EVAC NMCS. Item that was evacuated to another maintenance activity for repair and return and is now in an NMCS status at the other activity. NMC time will be applied to SUPPORT NMCS.                                                                                                                                                                |
| M EVAC NMCM. Item evacuated to another maintenance activity for repair and return. Code can be used at unit level. NMC time will be applied to SUPPORT NMCM.                                                                                                                                                                                            |
| N EVAC Depot. Equipment that is in a depot, or in for depot level repair, i.e., overhaul/MWO is being performed. Code can be used at unit level. NMC time will be applied to NMCD for ground/missile and aviation sub-system records and reportable end items. Aviation system records will reflect PMCD.                                               |
| O Awaiting evacuation. Code can be used at unit level. Allows printing of automated DA Form 2407 at support level.                                                                                                                                                                                                                                      |
| P NMC for lack of: facility, tools, test equipment, or completion of intra-shop work requests.                                                                                                                                                                                                                                                          |
| Q Awaiting estimated cost of damage (ECOD) actions. Items awaiting the release of surveying officer before repairs can be started.                                                                                                                                                                                                                      |
| R Awaiting pickup. Item has been repaired (or appropriate action taken), and the owning unit has been notified. Before code "R" can be used, the work request must be closed. If item is NMC, NMC time is charged to the owning unit until the NMC fault is corrected and a "U" status is posted at unit level.                                         |

**Table B-21**  
**Work Request Status Code (STA)—Continued**

| Code Description                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S Closed, completed by this maintenance activity. Repairs have been completed by the support activity receiving the end item or component. Work request is closed. If item is NMC, NMC time is charged to the owning unit until the NMC fault is corrected and a "U" status is posted at unit level.                                                                       |
| T Closed, completed by other maintenance activity. Repairs have been completed and returned by the other activity to the support activity. Work request is closed. If item is NMC, NMC time is charged to the owning unit until the NMC fault is corrected and a "U" status is posted at unit level.                                                                       |
| U Picked up, must be closed first. Code can be used at unit level. At unit level .... Closed the ORGWON. All related records on the Inoperative Equipment File will be closed. All INOP NMC time stops. At support level .... Picked up by customer. The SPT WON and all related DS/GS work orders will be deleted from SAMS-1 during the next weekly WO Transfer process. |
| V Closed. Requirement satisfied by ORF exchange. If item is NMC, NMC time is charged to the owning unit until the NMC fault is corrected and a "U" status is posted at unit level.                                                                                                                                                                                         |
| W Work request closed. Pending turn-in as uneconomically repairable or nonrepairable (classification). If item is NMC, NMC time is charged to the owning unit until the NMC fault is corrected and a "U" status is posted at unit level.                                                                                                                                   |
| X Work request closed. It exceeds time limits or maintenance capability (e.g., classification condition code F). If item is NMC, NMC time is charged to the owning unit until the NMC fault is corrected and a "U" status is posted at unit level.                                                                                                                         |
| Y Work request closed. It did not meet acceptance standards. If the item is NMC, NMC time is charged to the owning unit until the NMC fault is corrected and a "U" status is posted at unit level.                                                                                                                                                                         |
| 0 Not used at this time.                                                                                                                                                                                                                                                                                                                                                   |
| 1 Awaiting deadlining NMCS parts. No further repairs can be made due to lack of NMCS parts. Code can be used at unit level.                                                                                                                                                                                                                                                |
| 4 Not used at this time.                                                                                                                                                                                                                                                                                                                                                   |
| 5 Not used at this time.                                                                                                                                                                                                                                                                                                                                                   |
| 6 Re-inspection. Can only be used after a work request status code of 8—rework.                                                                                                                                                                                                                                                                                            |
| 7 Awaiting float transaction. SAMS-1 automatically prompts for a new serial number.                                                                                                                                                                                                                                                                                        |
| 8 Rework, return to shop. If work request is "S" through "Z", an 8 must be used before the job is returned to a work status.                                                                                                                                                                                                                                               |
| 9 Begin intransit time.                                                                                                                                                                                                                                                                                                                                                    |

**Table B-22**  
**Work Request NMC Indicator Codes**

| Code Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| These codes are maintenance indicator codes that denote the NMC status of a work request in the maintenance shops. These codes will only be used with work orders that have a "0" or "2" in the sixth position of the ORG WON that identify reportable inoperative equipment. A "0" denotes reportable ground or missile equipment, and "2" denotes reportable aircraft. These codes are applicable to all SAMS forms which have a STA block, and are intended to provide units and higher headquarters with timely AMSS status. These codes are SAMS unique and are not required for non-automated units. |
| 2 Stops NMC time. Item remains in the maintenance activity for non-NMC work, e.g., painting. Must be followed by a valid work request status code.                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

- 3 Restart NMC time. Must be preceded by a "2" (which stops NMC time). Must be followed by a valid work request status code.

**Table B-24**  
**Level of Work Codes**

|   |                         |
|---|-------------------------|
| O | Unit/AVUM               |
| F | Direct Support/AVIM     |
| H | General Support         |
| D | Depot                   |
| K | Contractor              |
| L | Special Repair Activity |

**Table B-23**  
**NMC Time for AMSS Reporting**

| Status Codes                                                                                                                                                                                                                                                                                                                                                                      | Unit Level-ULLS |      |      |      | Support Level-SAMS |      |      |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|------|------|--------------------|------|------|-----|
|                                                                                                                                                                                                                                                                                                                                                                                   | NMCM            | NMCS | NMCD | NMCE | NMCM               | NMCS | NMCD | FMC |
| Shown below is the NMC category for each work request status Code. This chart only applies to INOP equipment at the ULLS and SAMS level (NMC ORGWON work orders only). For example, STA code of "0" is used at support level and counts NMCM downtime at support level only. STA code "S" stops NMC downtime at both levels unless the equipment is still INOP at the unit level. |                 |      |      |      |                    |      |      |     |
| A <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                    | X               |      |      |      | X                  |      |      |     |
| B <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                    | X               |      |      |      | X                  |      |      |     |
| C <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                    | X               |      |      |      | X                  |      |      |     |
| D <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                    |                 |      |      |      |                    |      |      | X   |
| E <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                    | X               |      |      |      | X                  |      |      |     |
| F                                                                                                                                                                                                                                                                                                                                                                                 | X               |      |      |      |                    |      |      | X   |
| G                                                                                                                                                                                                                                                                                                                                                                                 | X               |      |      |      |                    |      |      | X   |
| H                                                                                                                                                                                                                                                                                                                                                                                 |                 |      |      |      | X                  |      |      |     |
| I <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                    | X               |      |      |      | X                  |      |      |     |
| J <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                    | X               |      |      |      | X                  |      |      |     |
| K                                                                                                                                                                                                                                                                                                                                                                                 |                 |      |      |      | X                  |      |      |     |
| L                                                                                                                                                                                                                                                                                                                                                                                 |                 |      |      |      |                    | X    |      |     |
| M <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                    | X               |      |      |      | X                  |      |      |     |
| N <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                    |                 |      | X    |      |                    |      | X    |     |
| O <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                    | X               |      |      |      | X                  |      |      |     |
| P                                                                                                                                                                                                                                                                                                                                                                                 |                 |      |      |      | X                  |      |      |     |
| Q                                                                                                                                                                                                                                                                                                                                                                                 |                 |      |      |      | X                  |      |      |     |
| R                                                                                                                                                                                                                                                                                                                                                                                 | X               |      |      |      |                    |      |      | X   |
| S                                                                                                                                                                                                                                                                                                                                                                                 | X               |      |      |      |                    |      |      | X   |
| T                                                                                                                                                                                                                                                                                                                                                                                 | X               |      |      |      |                    |      |      | X   |
| U <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                    |                 |      |      |      |                    |      |      | X   |
| V                                                                                                                                                                                                                                                                                                                                                                                 | X               |      |      |      |                    |      |      | X   |
| W                                                                                                                                                                                                                                                                                                                                                                                 | X               |      |      |      |                    |      |      |     |
| X                                                                                                                                                                                                                                                                                                                                                                                 | X               |      |      |      |                    |      |      |     |
| Y                                                                                                                                                                                                                                                                                                                                                                                 | X               |      |      |      |                    |      |      |     |
| Z                                                                                                                                                                                                                                                                                                                                                                                 | X               |      |      |      |                    |      |      |     |
| 0                                                                                                                                                                                                                                                                                                                                                                                 |                 |      |      | X    |                    |      |      |     |
| 1 <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                    |                 | X    |      |      | X                  |      |      |     |
| 2                                                                                                                                                                                                                                                                                                                                                                                 |                 |      |      |      |                    |      |      |     |
| 3                                                                                                                                                                                                                                                                                                                                                                                 |                 |      |      |      |                    |      |      |     |
| 4                                                                                                                                                                                                                                                                                                                                                                                 |                 |      |      |      |                    |      |      |     |
| 5                                                                                                                                                                                                                                                                                                                                                                                 |                 |      |      |      |                    |      |      |     |
| 6                                                                                                                                                                                                                                                                                                                                                                                 |                 |      |      |      | X                  |      |      |     |
| 7                                                                                                                                                                                                                                                                                                                                                                                 |                 |      |      |      | X                  |      |      |     |
| 8                                                                                                                                                                                                                                                                                                                                                                                 |                 |      |      |      | X                  |      |      |     |
| 9                                                                                                                                                                                                                                                                                                                                                                                 | X               |      |      |      |                    |      |      |     |
| NMCM (Not Mission Capable Maintenance)                                                                                                                                                                                                                                                                                                                                            |                 |      |      |      |                    |      |      |     |
| NMCS (Not Mission Capable Supply)                                                                                                                                                                                                                                                                                                                                                 |                 |      |      |      |                    |      |      |     |
| NMCD (Not Mission Capable Depot)                                                                                                                                                                                                                                                                                                                                                  |                 |      |      |      |                    |      |      |     |
| NMCE (Not Mission Capable Equipment)                                                                                                                                                                                                                                                                                                                                              |                 |      |      |      |                    |      |      |     |

Notes:

1. Can be used at unit and support level.

## Appendix C

### Warranty Control Offices (WARCOs) and Logistic Assistance Offices (LAOs)

**C-1.** This appendix lists WARCOs and supporting LAOs. These

offices are listed to assist personnel submitting warranty claim actions (WCA).

**C-2.** The WARCO manages warranty programs at posts, camps, and stations.

**C-3.** The LAO assists WARCOs in resolving warranty claim problems.

**C-4.** Table C-1 contains WARCOs and table C-2 lists LAOs.

**Table C-1**  
**Warranty Control Offices**

| Command | Location/Station | Address                                                                                                    | Phone DSN/COMM <sup>1</sup>                         |
|---------|------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| AMC     | GE, GRAFENWOEHR  | Chief, M1 Mat Fielding Team<br>ATTN:PM-GCM-MFT-E<br>APO AE 09114                                           | ETS 476-2757/2612                                   |
| AMC     | GE, SECKENHEIM   | Cdr, HQ Europe<br>ATTN: AMXEU CA<br>APO AE 09266                                                           | 380-6222/6804 0621-78791 <sup>1</sup>               |
| AMC     | HEADQUARTERS     | Cdr, AMC<br>ATTN: AMCAQ-PM<br>5001 Eisenhower Avenue<br>Alexandria, VA 22333-0001                          | 284-8269/8270(202)274-8269/<br>8270 <sup>1</sup>    |
| AMCCOM  | HEADQUARTERS     | Cdr, AMCCOM<br>ATTN:AMSMC-QAD-R<br>Rock Island, IL 61299-6000                                              | 793-2421 Ext 37(309)782-2421 <sup>1</sup><br>Ext 37 |
| ARNG    | ALABAMA          | ALARNG P.O. Box 3711<br>Montgomery, AL 36193                                                               | 363-7426/7289(205)271-7426/<br>7289 <sup>1</sup>    |
| ARNG    | ALASKA           | Director of Surface Maintenance<br>3601 C Street, Suite 62<br>Anchorage, AK 99503                          | 317-626-1532 (907)243-0656 <sup>1</sup> Ext<br>532  |
| ARNG    | ARIZONA          | Director of Surface Maintenance<br>5636 East McDowell Rd<br>ATTN: AZDM<br>Phoenix, AZ 85008                | 853-8780 (602)273-97801                             |
| ARNG    | ARKANSAS         | Director of Surface Maintenance Camp Robinson N.<br>Little Rock, AK 72118                                  | 731-5281 (501)758-4053 <sup>1</sup> Ext 281         |
| ARNG    | CALIFORNIA       | Long Beach CSMS 3500 Stearns Street<br>Long Beach, CA 90822                                                | 873-9301                                            |
| ARNG    | CALIFORNIA       | Stockton CSMS 8020 S. Airport Way<br>Stockton, CA 95206-3999                                               | 462-2596                                            |
| ARNG    | CALIFORNIA       | Director of Surface Maintenance<br>P.O.Box 214405<br>Sacramento, CA 95821                                  | 466-3330 (916)973-3330 <sup>1</sup>                 |
| ARNG    | CALIFORNIA       | Camp Roberts (MATES)<br>P.O. BOX 397<br>San Miguel, CA 93451-0397                                          | 949-8177                                            |
| ARNG    | CALIFORNIA       | Fort Irwin (MATE)<br>Fort Irwin, CA 92310-5030                                                             | 470-4236                                            |
| ARNG    | COLORADO         | Director of Military Affairs<br>ATTN:CO-SMMO<br>6848 South Revere Parkway<br>Englewood, CO 80112-6703      | 877-2169 (303)397-3169 <sup>1</sup>                 |
| ARNG    | CONNECTICUT      | SMO CTARNG Camp<br>Hartell Ella T. Grasso Turnpike Road<br>Windsor Locks, CT 06096                         | 636-8730 (203)627-4800 <sup>1</sup>                 |
| ARNG    | DELAWARE         | Director of Surface Maintenance<br>1197 River Road New<br>Castle, DE 19720                                 | 440-7311 (302)324-7311 <sup>1</sup>                 |
| ARNG    | DIST OF COLUMBIA | Director of Surface Maintenance<br>2001 E. Capitol Street<br>Washington, DC 20003                          | 288-3610 (202)433-3610 <sup>1</sup>                 |
| ARNG    | FLORIDA          | Director of Surface Maintenance<br>Rt 1 Box 478 Camp<br>Blanding Starke, FL 32091-9708                     | 960-3141/3500(904)533-3141/<br>3500 <sup>1</sup>    |
| ARNG    | GEORGIA          | Adjutant General<br>ATTN:DCS-M<br>P.O.Box 17965<br>959 E. Confederate Avenue, SE<br>Atlanta, GA 30316-0959 | 338-6540 (404)624-6540 <sup>1</sup>                 |
| ARNG    | GUAM             | Director of Surface Maintenance AG Guam ARNG<br>P.O. Box GG<br>Agana, Guam 96910                           | 315-328-1110 697-1201 ask for<br>671-477-9941       |
| ARNG    | HAWAII           | Director of Surface Maintenance<br>3949 Diamond Head Road<br>Honolulu, HI 96816-4495                       | (808) 735-0390 <sup>1</sup>                         |
| ARNG    | HEADQUARTERS     | CNGB<br>ATTN: NGB-ARL-M Pentagon<br>Washington, DC 20310-2500                                              | 225-3220                                            |
| ARNG    | IDAHO            | CSMS<br>P.O. Box 45 Boise, ID 83707-4502                                                                   | 941-5188 (208)389-5188 <sup>1</sup>                 |
| ARNG    | ILLINOIS         | Chief, Maintenance Officer<br>1301 N.MacArthur Boulevard<br>Springfield, IL 76702-2399                     | 555-3597 (217) 785-3597 <sup>1</sup>                |
| ARNG    | INDIANA          | INARNG P.O. Box 41375<br>Indianapolis, IN 46241-0375                                                       | 724-2293 (317)247-3293 <sup>1</sup>                 |

**Table C-1**  
**Warranty Control Offices—Continued**

| Command | Location/Station | Address                                                                                                       | Phone DSN/COMM <sup>1</sup>                 |
|---------|------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| ARNG    | IOWA             | Director of Surface Maintenance IAARNG<br>ATTN: AGIA-M-T<br>7700 N.W. Beaver Drive<br>Johnston, IA 50131-1902 | 946-2350 (515)278-9350 <sup>1</sup>         |
| ARNG    | KANSAS           | Director of Surface Maintenance<br>P.O.Box 2099<br>Topeka, KS 66601                                           | 720-8305 (913)266-1305 <sup>1</sup>         |
| ARNG    | KENTUCKY         | CSMS Boone NG Center<br>Frankfort, KY 40601                                                                   | 336-3455 (502)564-8455 <sup>1</sup>         |
| ARNG    | LOUISIANA        | CSMS LANG-DMT,<br>503 E Street CP Beauregard<br>Pineville, LA 71360                                           | 485-8222 EXT 232 (318)640-2080 <sup>1</sup> |
| ARNG    | MAINE            | Director of Maintenance MEARNG Camp Keyes<br>Augusta, ME Q4333                                                | 476-4258 EXT 4382(207)622-9331 <sup>1</sup> |
| ARNG    | MARYLAND         | SSMO<br>Box 1, 333 Old Bay Lane<br>Havre De Grace, MD 21078                                                   | 496-9427 (410)278-8427 <sup>1</sup>         |
| ARNG    | MASSACHUSETTS    | CSMS MAARNG<br>Barnum Road<br>Fort Devens, MA 01433-5780                                                      | 256-2646/2292 (617)796-2646 <sup>1</sup>    |
| ARNG    | MICHIGAN         | MIARNG General Depot<br>3201 W. Joseph Street<br>Lansing, MI 48913                                            | 623-0761/0752(517)483-5752 <sup>1</sup>     |
| ARNG    | MINNESOTA        | CSMS P.O. Box 179 Camp Ripley<br>Little Falls, MN 56345-0179                                                  | 871-7461 EXT 461(612)632-6631 <sup>1</sup>  |
| ARNG    | MINNESOTA        | Office of the USPFO<br>P.O. Box 288<br>Little Falls, MN 56345                                                 | 871-7333                                    |
| ARNG    | MISSISSIPPI      | Director of Surface Maintenance<br>144 Military Drive<br>Jackson, MS 39208-8880                               | 731-9539 EXT 539(601)939-3633 <sup>1</sup>  |
| ARNG    | MISSOURI         | Inspection Foreman<br>1717 Industrial Drive<br>Jefferson City, MO 65101-1468                                  | 940-9749 (314) 751-9749 <sup>1</sup>        |
| ARNG    | MONTANA          | Director of Surface Maintenance<br>P.O.Box 4789<br>1100 North Main Street<br>Helena, MT 59604-4789            | 857-3044/9350(406)444-6944 <sup>1</sup>     |
| ARNG    | NEBRASKA         | Director of Surface Maintenance<br>1111 Military Rd<br>Lincoln, NE 68508                                      | 720-1180 (402) 473-1180 <sup>1</sup>        |
| ARNG    | NEVADA           | Director of Surface Maintenance<br>2525 South Carson Street<br>Carson City, NV 89701                          | 830-5265 (702)887-7265 <sup>1</sup>         |
| ARNG    | NEW HAMPSHIRE    | Surface Maintenance Manager<br>ATTN: OMO Airport Road<br>Concord, NH 03301-5353                               | 684-9231/9312(603)225-1231/1312             |
| ARNG    | NEW JERSEY       | Director of Surface Maintenance NJDMAVA Eggerts<br>Crossing Road, CN340<br>Trenton, NJ 08625                  | 445-9206 EXT 206(609)530-3296               |
| ARNG    | NEW JERSEY       | 50th SBM CSMS<br>1299 Pleasant Valley Way West<br>Orange, NJ 07052-5269                                       | (210) 736-5250 <sup>1</sup>                 |
| ARNG    | NEW JERSEY       | 119th Mt Bn CSMS Road #2 Box 108 Route 130<br>Bordentown, NJ 08505-9617                                       | (609) 298-1130 <sup>1</sup>                 |
| ARNG    | NEW MEXICO       | Director of Surface Maintenance<br>P.O.Box 4277<br>Sante Fe, NM 87502-4277                                    | 867-9440 (505)473-2440 <sup>1</sup>         |
| ARNG    | NEW YORK         | Director of Surface Maintenance<br>330 Old Niskayuna Road<br>Latham, NY 12110-2224                            | 489-4795 (518) 786-4795 <sup>1</sup>        |
| ARNG    | NORTH CAROLINA   | CSMS<br>4105 Reedy Creek Road<br>Raleigh, NC 27607-6410                                                       | 582-9449 (919) 664-6449 <sup>1</sup>        |
| ARNG    | NORTH DAKOTA     | State Surface Maintenance Office<br>ATTN:AGND-DMT<br>P.O. Box 5511<br>Bismarck, ND 58502-5511                 | 334-5120 (701)224-5120 <sup>1</sup>         |
| ARNG    | OHIO             | Director of Surface Maintenance<br>2825 W. Granville Road<br>ATTN: AGOH-SMO<br>Worthington, OH 43085-2712     | 273-7116 (614) 889-7116 <sup>1</sup>        |
| ARNG    | OHIO             | CSMS #1 35th & Hollar Lane<br>Newark, OH 43055-1926                                                           | 580-7115 (614) 344-1148 <sup>1</sup>        |

**Table C-1**  
**Warranty Control Offices—Continued**

| Command | Location/Station | Address                                                                                                | Phone DSN/COMM <sup>1</sup>                      |
|---------|------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| ARNG    | OHIO             | CSMS #2 Camp Perry Port<br>Clinton, OH 43452-9578                                                      | 346-4119 (419) 635-4119 <sup>1</sup>             |
| ARNG    | OKLAHOMA         | Director of Surface Maintenance<br>1208 Thunderbird Street<br>Norman, OK 73069-8447                    | 956-3376                                         |
| ARNG    | OREGON           | Director of Surface Maintenance<br>2150 Fairgrounds Road, NE<br>ATTN: ARM, MIL SEPT<br>Salem, OR 97303 | 355-3909 (503)378-3909 <sup>1</sup>              |
| ARNG    | PENNSYLVANIA     | Dept of Military Affairs<br>ATTN: DSM Fort Indiantown Gap<br>Annville, PA 17003-5002                   | 238-8542 (717)865-8542 <sup>1</sup>              |
| ARNG    | PUERTO RICO      | Director of Surface Maintenance<br>P.O.Box 3786<br>San Juan, PR 00904                                  | 860-9165 EXT 229(809)753-1030 <sup>1</sup>       |
| ARNG    | RHODE ISLAND     | Director of Surface Maintenance OSMO,<br>George Wash Highway<br>Smithfield, RI 02917-1997              | 557-3371 (401)277-6069 <sup>1</sup>              |
| ARNG    | SOUTH CAROLINA   | Director of Surface Maintenance<br>1 National Guard Road<br>Columbia, SC 29201-4766                    | 583-4256 (803)748-4256 <sup>1</sup>              |
| ARNG    | SOUTH DAKOTA     | Director of Surface Maintenance<br>2823 West Main Street<br>Rapid City, SD 57702-8186                  | 747-8221 (605) 399-6221 <sup>1</sup>             |
| ARNG    | TENNESSEE        | HQ, TNARNG, STARC<br>ATTN:CGTN-MAINT Houston Barracks<br>P.O. Box 41502<br>Nashville, TN 37204-1501    | 694-3056 (615) 525-3056 <sup>1</sup>             |
| ARNG    | TEXAS            | TXARNG (CSMS #1)<br>8101 Shoreview Drive<br>Fort Worth, TX 76108-9788                                  | 739-1110 (817)246-2503 <sup>1</sup>              |
| ARNG    | TEXAS            | TXARNG (CSMS #2)<br>P.O. Box 5218<br>Austin, TX 78763-5218                                             | 954-5153 (512)465-5153 <sup>1</sup>              |
| ARNG    | TEXAS            | TXARNG (MATES)<br>P.O. Box 540<br>Gatesville, TX 76528-0540                                            | 738-0682 (817) 288-0682 <sup>1</sup>             |
| ARNG    | UTAH             | Director of Surface Maintenance<br>P.O.Box 1776<br>Draper, UT 84020-1776                               | 924-3612/3611 (801)524-3612 <sup>1</sup>         |
| ARNG    | VERMONT          | VTARNG (OSMO) Bldg 6, Camp Johnson<br>Winooski, VT 05404-1697                                          | 636-3234 (802)864-1230 <sup>1</sup>              |
| ARNG    | VIRGIN ISLANDS   | Director of Surface Maintenance<br>P.O.Box 1150<br>Christiansted St. Croix, US VI 00820                | 860-9228 (809)773-5200 <sup>1</sup> Ext 165      |
| ARNG    | VIRGINIA         | Adj General of VA, VAMA<br>501 E.Franklin Street<br>Richmond, VA 23219-2217                            | 953-2249/2250(804)225-4720/<br>4721 <sup>1</sup> |
| ARNG    | WASHINGTON       | Director of Maintenance Camp Murray<br>Tacoma, WA 98430                                                | 355-7261 (206)964-6260 <sup>1</sup>              |
| ARNG    | WEST VIRGINIA    | Director of Surface Maintenance<br>WVARNG Rt 62N, General Delivery<br>Pt Pleasant, WV 25550-9999       | 366-9265/6265(304)675-1220/<br>1250 <sup>1</sup> |
| ARNG    | WISCONSIN        | CSMS Camp<br>Douglas, WI 54618-9002                                                                    | 273-9111 EXT 298(608)427-7298 <sup>1</sup>       |
| ARNG    | WYOMING          | CSMS<br>P.O. Box 399<br>Guernsey, WY 82214-0399                                                        | 943-2315                                         |
| ATCOM   | HEADQUARTERS     | Cdr,<br>ATCOM ATTN:AMSAT-A-WC<br>St. Louis, MO 63120-1798                                              | 693-3425 (314) 263-3425 <sup>1</sup>             |
| CECOM   | HEADQUARTERS     | Cdr, CECOM<br>ATTN:AMSEL-LC-ED-TC<br>Fort Monmouth, NJ 07703-5000                                      | 992-1336                                         |
| DESCOM  | ANAD             | Cdr, Anniston Army Depot<br>ATTN:SDSAN-DQA-QS<br>Anniston, AL 36201-5030                               | 694-6131                                         |
| DESCOM  | CCAD             | Cdr, Corpus Christi AD<br>ATTN:SCSCC-QQA<br>Corpus Christi, TX 78419-6040                              | 861-2587/3872                                    |
| DESCOM  | D-SAFE (KOREA)   | Cdr, DESCOM-Spt Acty Far East<br>ATTN: SDSFE-LMD<br>APO, AP 96283                                      |                                                  |

**Table C-1**  
**Warranty Control Offices—Continued**

| Command | Location/Station | Address                                                                                                                | Phone DSN/COMM <sup>1</sup>         |
|---------|------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| DESCOM  | FWDA             | Cdr, Ft Wingate Depot Acty<br>ATTN:SDSTE-FWQ<br>Gallup, NM 87301-9503                                                  | 793-6327                            |
| DESCOM  | HEADQUARTERS     | Cdr, DESCOM<br>ATTN: AMSDS-QS<br>Chambersburg, PA 17201-4170                                                           | 570-9946                            |
| DESCOM  | BGAD             | Cdr, Blue Grass Army Depot<br>ATTN:SDSLB-QAQ<br>Lexington, KY 40511-5100                                               | 745-3968                            |
| DESCOM  | LEAD             | Cdr, Letterkenny Army Depot<br>ATTN:SDSLE-QSP<br>Chambersburg, PA 17201-4150                                           | 570-5481                            |
| DESCOM  | MZAD             | Cdr, Mainz Army Depot<br>ATTN:SDSMZ-QAD<br>APO AE 09185                                                                | 06131-693274                        |
| DESCOM  | NCAD             | Cdr, New Cumberland Army Depot<br>ATTN:SDSNC-QQ-R<br>New Cumberland, PA 17070-5001                                     | 977-6946/6872                       |
| DESCOM  | PUDA             | Cdr, Pueblo Depot Activity<br>ATTN:SDSTE-PUQ<br>Pueblo, CO 81001-5000                                                  | 877-4181                            |
| DESCOM  | RRAD             | Cdr, Red River Army Depot<br>ATTN:SDSRR-QS-Q<br>Texarkana, TX 75507-5000                                               | 829-2122                            |
| DESCOM  | SAAD             | Cdr, Sacramento Army Depot<br>ATTN:SDSAA-QSM-1<br>Sacramento, CA 95813-5027                                            | 839-2703/2705                       |
| DESCOM  | SEAD             | Cdr, Seneca Army Depot<br>ATTN:SDSSE-RS<br>Romulus, NY 14541-5001                                                      | 489-5522/5322                       |
| DESCOM  | SHAD             | Cdr, Sharpe Army Depot<br>ATTN:SDSSH-QQS<br>Lathrop, CA 95331-5400                                                     | 462-2464/2463                       |
| DESCOM  | SIAD             | Cdr, Sierra Army Depot<br>ATTN:SDSSI-QA<br>Herlong, CA 96113-5400                                                      | 830-9351                            |
| DESCOM  | SVADA            | Cdr, Savanna Depot Activity<br>ATTN:SDSLE-VSR<br>Savanna, IL 61074-9636                                                | 585-8456/8478                       |
| DESCOM  | TEAD             | Cdr, Tooele Army Depot<br>ATTN:SDSTE-SUP<br>Tooele, UT 84074-5012                                                      | 790-2301                            |
| DESCOM  | TOAD             | Cdr, Tobyhanna Army Depot<br>ATTN:SDSTO-QA-R<br>Tobyhanna, PA 18466-5108                                               | 795-7878                            |
| EUSA    | KOREA, BUPYONG   | Cdr, D-SAFE<br>ATTN:SDSFE-LMD<br>APO AP 96283                                                                          | 262-1101 (032)524-5281 <sup>1</sup> |
| EUSA    | KOREA, SEOUL     | Cdr, Eighth U.S. Army<br>ATTN:DJ-MS-M<br>APO AP 96205                                                                  | (315)723-6361/3885                  |
| EUSA    | KOREA, TAEGU     | Cdr, 19th Support Cmd<br>ATTN:EANC-TIM-MM<br>APO AP 96212-0171                                                         | (315)753-7619/7260                  |
| FORSCOM | BELLMORE, NY     | DA Log Sup Acty Maint ATZDMA-B<br>ATTN: Bellmore Maint Br<br>2755 Maple Avenue<br>Bellmore, NY 11710-2499              | 456-8206/8207                       |
| FORSCOM | FT BRAGG         | Cdr, XVIII Airborne Corps & Fort Bragg<br>ATTN: AFZA-DL-MQ<br>Jackson Street, Bldg 2-2411<br>Fort Bragg, NC 28307-5000 | 236-2219                            |
| FORSCOM | FT CAMPBELL      | Cdr, 101st Abn Div (AASLT) & Fort Campbell<br>ATTN: AFZB-DL-M<br>Fort Campbell, KY 42223-5000                          | 635-7131                            |
| FORSCOM | FTCARSON         | Cdr, 4th Infantry Div (Mech) & Fort Carson Bldg 8006<br>ATTN: AFZC-DL-S-WARCO<br>Fort Carson, CO 80913-5000            | 691-5518/4428(719)579-5518/4428     |
| FORSCOM | FT DEVENS        | Cdr, Fort Devens<br>ATTN: AFZD-DLM<br>Fort Devens, MA 0 1433                                                           | 256-2337 (508)796-2337              |
| FORSCOM | FT DIX           | Cdr, USATC & Fort Dix<br>ATTN:ATZD-GDM DOL Maint Div<br>Fort Dix, NJ 08640-5410                                        | 944-5059                            |

**Table C-1**  
**Warranty Control Offices—Continued**

| Command | Location/Station       | Address                                                                                            | Phone DSN/COMM <sup>1</sup>         |
|---------|------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------|
| FORSCOM | FT DRUM                | Cdr, 1 Oth Mtn Div & Fort Drum<br>ATTN:AFZS-DL-M<br>Fort Drum, NY 13602-5000                       | 341-6797/5557                       |
| FORSCOM | FT HOOD                | Cdr, III Corps & Fort Hood<br>ATTN:AFZF-DL-QAED<br>Fort Hood, TX 76544-5000                        | 737-5208/2920                       |
| FORSCOM | FT IRWIN               | Cdr, National Tng Ctr<br>ATTN:AFZJ-DS-M<br>Fort Irwin, CA 92311-5000                               | 470-3805                            |
| FORSCOM | FT LEWIS               | Cdr, I Corps & Fort Lewis<br>ATTN:AFZH-DLM-L<br>Fort Lewis, WA 98433-5000                          | 357-6006                            |
| FORSCOM | FT MCCOY               | Cdr, Fort McCoy<br>ATTN:AFZR-DLM<br>Sparta, WI 54656                                               | 280-2652 (606)388-2652 <sup>1</sup> |
| FORSCOM | FT MCPHERSON           | Cdr, Fort McPherson<br>ATTN:AFZK-DL-M<br>Fort McPherson, GA 30330-5000                             | 572-5951                            |
| FORSCOM | FT MEADE               | Cdr, Fort Meade<br>ATTN:AFKA-ZI-DL-M<br>Fort Meade, MD 20755-5084                                  | 923-6465/2870                       |
| FORSCOM | FT SAM HOUSTON         | Cdr, 5th USA<br>ATTN:AFKB-LG-M<br>Fort Sam Houston, TX 78234-7000                                  | 471-3627 (512)221-3627 <sup>1</sup> |
| FORSCOM | FT SAM HOUSTON         | Cdr, Fort Sam Houston<br>ATTN:AFZG-DL-MQ<br>Fort Sam Houston, TX 78234-5000                        | 471-5841                            |
| FORSCOM | FT STEWART             | Cdr, 24th Inf Div (MECH)<br>ATTN:AFZP-DL-M-QA<br>Fort Stewart, GA 31314-5000                       | 870-7992/7993                       |
| FORSCOM | HEADQUARTERS           | HQ, FORSCOM<br>ATTN: FCJ4-SME<br>Fort McPherson, GA 30330-6000                                     | 367-6755                            |
| MICOM   | HEADQUARTERS           | Cdr, MICOM<br>ATTN:AMSMI-RD-QA-TI-CF<br>Redstone Arsenal, AL 35898                                 | 746-2256                            |
| RESERVE | COMMAND                | US Army Reserve Command<br>ATTN:AFRC-LGS<br>3800 N. Camp Creek Pkwy S.W.<br>Atlanta, GA 30331-5099 | (404)629-8828                       |
| TACOM   | HEADQUARTERS           | Cdr, TACOM<br>ATTN: AMSTA-MMAP<br>Warren, MI 48397-5000                                            | 786-7423/7424                       |
| TECOM   | ABERDEEN PROV GNDS     | Cdr, APG, ISA<br>ATTN:STEAP-LO-E<br>APG, MD 21005-5001                                             | 298-4060                            |
| TRADOC  | CARLISLE BARRACKS      | Cdr, Carlisle Bks<br>ATTN:ATZE-DIS-L<br>Carlisle Bks, PA 17013-5000                                | 242-3216                            |
| TRADOC  | FT BELVOIR             | Cdr, USAECFB<br>ATTN:ATZA-DOL-LSD<br>Fort Belvoir, VA 22060-5063                                   | 354-6431                            |
| TRADOC  | FT BEN HARRISON        | Cdr, USA Sol Spt Cen & Fort Ben Harrison<br>ATTN: ATZI-DLM<br>Fort Ben Harrison, IN 46216-5200     | 699-5812                            |
| TRADOC  | FT BENNING             | Cdr, USAIC & Fort Benning<br>ATTN:ATZB-DL-MA-QT<br>Fort Benning, GA 31905-5174                     | 835-2157                            |
| TRADOC  | FT BLISS               | Cdr, USAADACENFB<br>ATTN:ATZC-DIM-QA<br>Fort Bliss, TX 79915-6032                                  | 978-4187                            |
| TRADOC  | FT CHAFFEE             | Cdr, Fort Chaffee<br>ATTN: ATZR-ZLT(USAG)<br>Fort Chaffee, AR 72905-5000                           | 962-2124/2412                       |
| TRADOC  | FT EUSTIS <sup>2</sup> | Cdr, USATCFE<br>ATTN: ATZF-NM<br>Fort Eustis, VA 23604-5000                                        | 927-3201/2381                       |
| TRADOC  | FT GORDON              | Cdr, USASC & Fort Gordon<br>ATTN:ATZH-WSM-T<br>Fort Gordon, GA 30905-5230                          | 780-6798                            |
| TRADOC  | FT JACKSON             | Cdr, USATC & Fort Jackson<br>ATTN:ATZJ-DLM<br>Fort Jackson, SC 29207-5480                          | 734-4214/4915                       |

**Table C-1**  
**Warranty Control Offices—Continued**

| Command | Location/Station          | Address                                                                                           | Phone DSN/COMM <sup>1</sup>             |
|---------|---------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------|
| TRADOC  | FT KNOX                   | Cdr, USAARMC & Fort Knox<br>ATTN:ATZK-DI-M-P<br>Fort Knox, KY 40121-5000                          | 464-1437                                |
| TRADOC  | FT LEAVENWORTH            | Cdr, USACA Cen & Fort Leavenworth<br>ATTN: ATZL-GDL-MM BLDG 86<br>Fort Leavenworth, KS 66027-5033 | 552-3550/3145                           |
| TRADOC  | FT LEE                    | Cdr, USAQMCENFL<br>ATTN: ATZM-DIM<br>Fort Lee, VA 23801-5173                                      | 687-2286/1807                           |
| TRADOC  | FT LEONARD WOOD           | Cdr, USATC Engr & Fort Leonard Wood<br>ATTN: ATZT-DL-M-W<br>Fort Leonard Wood, MO 65473-5000      | 581-7216                                |
| TRADOC  | FT MCCLELLAN <sup>3</sup> | Cdr, USA CML & MID Cen and Fort McClellan<br>ATTN: ATZN-DOL-M<br>Fort McClellan, AL 36205-5000    | 865-3033/3150                           |
| TRADOC  | FT RUCKER <sup>4</sup>    | Cdr, USAAVNC & Fort Rucker<br>ATTN:ATZA-DOL-M-QA<br>Fort Rucker, AL 36362-5115                    | 558-6098/3615(205)255-2098 <sup>1</sup> |
| TRADOC  | FT SILL                   | Cdr, USAFACFS<br>ATTN: ATZR-LSS<br>Fort Sill, OK 73503-5100                                       | 639-3708/3808                           |
| TRADOC  | HEADQUARTERS              | Cdr, TRADOC<br>ATTN: ATBO-HM<br>Fort Monroe, VA 23651-5000                                        | 680-5138                                |
| USACSLA | FT HUACHUCA               | Cdr, USA CSLA<br>ATTN:SELCL-NMP-MM<br>Fort Huachuca, AZ 85613-7090                                | 879-7538                                |
| USAEMRA | VINT HILL FARMS           | Cdr, USA EMRA<br>ATTN: SELEM-A Vint Hill Farms Station<br>Warrenton, VA 22186                     | 249-6781                                |
| USAREUR | GE, BAD KREUZNACH         | Cdr, 8th DMMC<br>ATTN: AETH-MC<br>APO AE 09111                                                    | ETS 490-7181/7148                       |
| USAREUR | GE, BERLIN                | Cdr, USA Berlin<br>ATTN:AEBA-MA-O<br>APO AE 09235                                                 | ETS 332-3249/3189                       |
| USAREUR | GE, BREMERHAVEN           | Cdr, 543D Area Support Gp<br>ATTN:AERN-GM<br>APO AE 09069-0030                                    | ETS 342-8285/8588                       |
| USAREUR | GE, DARMSTADT             | Cdr, 32D AADCOM<br>ATTN:AETL-GD-CM<br>APO AE 09175                                                | ETS 348-6532/7186                       |
| USAREUR | GE, FRANKFURT             | Cdr, 3D DMMC (3d AD)<br>ATTN:AETFOE-MMO-MAT<br>APO AE 09039                                       | ETS 328-7221/8281                       |
| USAREUR | GE, FRANKFURT             | Cdr, V Corps<br>ATTN:AETV-GDM-M<br>APO AE 09079                                                   | ETS 320-6062/5773                       |
| USAREUR | GE,FULDA                  | Cdr, 11th ACR<br>ATTN:AETO-CSS-MMC<br>APO AE 09146                                                | ETS 321-3679/3779                       |
| USAREUR | GE, GRAFENWOEHR           | Cdr, 7th ATC<br>ATTN:AETT-DOL-SM-E<br>APO AE 09114                                                | ETS 476-2567/2767                       |
| USAREUR | GE, HEIDELBERG            | Cdr, 7th MEDCOM<br>ATTN: AEMLO-L<br>APO AE 09102-3304                                             | ETS 370-2718/2719                       |
| USAREUR | GE, HEIDELBERG            | Cdr, 26th Spt Gp<br>ATTN:AEUSG-LG-M<br>APO AE 09102-0161                                          | ETS 370-8319/6478                       |
| USAREUR | GE,KAEFERTAL              | Cdr, 51st Maint Bn<br>ATTN:AERAB-MO<br>APO AE 09086                                               | ETS 380-6773/7416                       |
| USAREUR | GE, KAISERSLAUTERN        | Cdr, 9th Spt Ctr<br>ATTN: AERLM-LS<br>APO AE 09263                                                | ETS 483-7561/8625                       |
| USAREUR | GE, KAISERSLAUTERN        | Cdr, 29th Area Support Gp<br>ATTN:AERAS-MM<br>APO AE 09054                                        | ETS 483-7347/8235                       |
| USAREUR | GE, KAISERSLAUTERN        | Cdr, HHD 66th Maint Bn<br>ATTN:AERAS-W-D<br>APO AE 09227                                          | ETS 489-6636/6676                       |

**Table C-1**  
**Warranty Control Offices—Continued**

| Command | Location/Station | Address                                                                                          | Phone DSN/COMM <sup>1</sup> |
|---------|------------------|--------------------------------------------------------------------------------------------------|-----------------------------|
| USAREUR | GE, MANNHEIM     | Cdr, CBT Equip GP Europe<br>ATTN:AERSE-MC<br>APO AE 09166-3768                                   | ETS 380-7686/6285           |
| USAREUR | GE, MUNICH       | Cdr, 66th MI GP<br>ATTN:IAGPE-LO-MM<br>APO AE 09108-4827                                         | ETS 440-7306/6433           |
| USAREUR | GE, OBERURSEL    | Cdr, 4th TRANSCOM<br>ATTN:AEUTR-SVC-M<br>APO AE 09065                                            | ETS 325-2743/2808           |
| USAREUR | GE, SANDHOFEN    | Cdr, 70th TRANS BN<br>ATTN: AERSS-S<br>APO AE 09028                                              | ETS 382-6110/7236           |
| USAREUR | GE, WIESBADEN    | Cdr, 19th Support Center<br>ATTN:AETV-SCM-PF<br>APO AE 09242                                     | ETS 337-5851/5377           |
| USAREUR | GE, WORMS        | Cdr, 5th Signal Command<br>ATTN:ASE-LG-M<br>APO AE 09056-3104                                    | ETS 383-7554/7548           |
| USAREUR | GE, WUERZBERG    | Cdr, 3d ID<br>ATTN: AETSBGD-MR<br>APO AE 09036                                                   | ETS 350-7188/6226           |
| USAREUR | GE, WUERZBERG    | Cdr, 3d ID<br>ATTN:AETSBSC-DM-MS<br>APO AE 09225                                                 | ETS 355-2603/2782           |
| USAREUR | GE, ZWEIBRUECKEN | Cdr, 60th Ord Gp<br>ATTN: AEROD-LM<br>APO AE 09052-3818                                          | ETS 494-6275/7398           |
| USAREUR | GE, ZWEIBRUECKEN | Cdr, 200th TAM MC<br>ATTN:AEAGD-MMC-RO-M<br>APO AE 09052-5356                                    | ETS 494-6505/7255           |
| USAREUR | IT, LIVORNO      | Cdr, 201st MMC (USASETAF)<br>ATTN:AESE-MMX-M<br>APO AE 09613                                     | ETS 633-7002/7087           |
| USARJ   | JAPAN, ZAMA      | HQ, 17th Area Support Group Directorate of Materiel<br>ATTN:APAJ-GH-ID-MN-Q<br>APO AP 96343-0071 | 228-4194                    |
| USARS   | JAPAN, OKINAWA   | Cdr, 10th Area Support Group Directorate of Materiel<br>ATTN: APAJ-GO-LLM<br>APO AP 96376        | 631-4237                    |
| USARSO  | PANAMA           | Cdr, 41st Area Support Group Directorate of Materiel<br>ATTN: SOGA-MAM<br>APO AA 34004-5000      | 285-4504                    |
| USARSO  | PANAMA           | Cdr, 193 Inf Brigade<br>ATTN:AFZU-DL-P<br>APO AA 34004                                           | 285-4461/5441               |
| WESTCOM | FT SHAFTER       | Cdr, USASCH<br>ATTN: APZV-DLM<br>Fort Shafter, HI 96858-5006                                     | 455-9009                    |

## Notes:

NOTE 1. All numbers are DSN unless otherwise noted. Geographical Areas of Support: 2. Includes Fort Story. 3. Includes installation units/activities USAR and ROTC units satellited on Fort McClellan under AR 5-9. 4. Includes Fort Rucker and the USAR units satellited on Fort Rucker for support.

**Table C-2**  
**Supporting Logistics Assistance Offices(LAO)**

| Location       | Address                                                                                                                 | Phone*        |
|----------------|-------------------------------------------------------------------------------------------------------------------------|---------------|
| ALEXANDRIA, VA | Deputy Chief of Staff for Logistics<br>ATTN: AMCLG<br>5001 Eisenhower Avenue<br>Alexandria, VA 22333-0001               | 284-9718/9    |
| DC WASHINGTON  | Ch, Reserve Components Support Office(NGB/OCAR)<br>ATTN: AMXLA-NGB/OCAR<br>RM 2E419, PENTAGON                           | 224-2185      |
| FT BENNING     | Washington, DC 20310-2500<br>Ch, USA LAO, Fort Benning<br>ATTN:AMXLA-C-E-BE<br>Bldg 2529<br>Fort Benning, GA 31905-6225 | 835-4185/3792 |

**Table C-2**  
**Supporting Logistics Assistance Offices(LAO)—Continued**

| Location    | Address                                                                                                 | Phone*        |
|-------------|---------------------------------------------------------------------------------------------------------|---------------|
| FT BLISS    | Ch, USA LAO, 3d ACR<br>ATTN:AMXLA-C-CBL<br>P.O. Box 6054<br>Fort Bliss, TX 79906-0054                   | 978-1832/1932 |
| FT BRAGG    | Ch, USA LAO, 82d Airborne Div<br>ATTN:AMXLA-C-E-BG<br>Bldg AT-5225<br>Fort Bragg, NC 28307-5000         | 236-5188/4004 |
| FT BRAGG    | Ch, USA LAO, XVIII Airborne Corps<br>ATTN: AMXLA-C-E<br>Bldg AT-4925<br>Fort Bragg, NC 28307-5000       | 235-3988/4722 |
| FT BRAGG    | Ch, USA LAO, 1st COSCOM<br>ATTN:AMXLA-E-E-CO<br>Bldg M-T-5848<br>Fort Bragg, NC 28307-5000              | 236-8851/6194 |
| FT BRAGG    | Ch, USA LAO, USASOC<br>ATTN:AMXLA-C-E-SO<br>Bldg AT-3955 (MMA)<br>Fort Bragg, NC 28307-5000             | 236-3661      |
| FT CAMPBELL | Ch, USA LAO, 101st Airborne Div<br>ATTN:AMXLA-C-E-CA<br>Bldg 2209<br>Fort Campbell, KY 42223-5000       | 635-6929/4510 |
| FT CARSON   | Ch, USA LAO, 41D<br>ATTN:AMXLA-C-W-CR<br>Bldg 8000, Rm 250<br>Fort Carson, CO 80913-5025                | 691-2291/4669 |
| FT CHAFFEE  | Ch, USA LAO, CHAFFEE<br>ATTN:AMXLA-C-C-SL-CH<br>Bldg 441<br>Fort Chaffee, AR 72905-5000                 | 962-2430/2325 |
| FT DEVENS   | Ch, USA LAO, Fort Devens<br>ATTN:AMXLA-C-E-DV<br>Building T-3749, Box 88<br>Fort Devens, 01433-5880     | 256-3284      |
| FT DRUM     | Ch, USA LAO, 10th Mountain Div<br>ATTN:AMXLA-C-E-DR<br>Bldg T-18<br>Fort Drum, NY 13602-5000            | 341-6437/6439 |
| FT EUSTIS   | Ch, USA LAO, Fort Eustis<br>ATTN:AMXLA-C-E-EU<br>Bldg 1608<br>Fort Eustis, VA 23604-5535                | 927-1333/2206 |
| FT GORDON   | Ch, USA LAO, Fort Gordon<br>ATTN:AMXLA-C-E-GN<br>Bldg 10507<br>Fort Gordon, GA 30905-5664               | 780-5332/5305 |
| FT HOOD     | Ch, USA LAO, III Corps<br>ATTN:AMXLA-C-C<br>Fort Hood, TX 76544-5056                                    | 737-6608/0926 |
| FT HOOD     | Ch, USA LAO, 13th COSCOM<br>ATTN:AMXLA-C-C-CO<br>Fort Hood, TX 76544-5056                               | 737-9513/9514 |
| FT HOOD     | Ch, USA LAO, 1st CAV<br>ATTN:AMXLA-C-C-1C<br>Bldg 4434<br>Fort Hood, TX 76544-5056                      |               |
| FT HOOD     | Ch, USA LAO, 5th ID(M)<br>ATTN:AMXLA-C-C-5ID<br>Bldg 4419<br>Fort Hood, TX 76544-5056                   |               |
| FT HUACHUCA | Ch, USA LAO, Fort Huachuca<br>ATTN:AMXLA-C-W-HU<br>Rm 2101, Greely Hall<br>Fort Huachuca, AZ 85613-5000 | 879-6328/6329 |
| FT IRWIN    | Ch, USA LAO, Fort Irwin<br>ATTN:AMXLA-C-W-IR Bldg 502 Fort Irwin, CA 92310                              | 470-3755/3757 |
| FT JACKSON  | Ch, USALAO, Ft Jackson<br>ATTN:AMXLA-C-E-JK<br>BLDG 2371<br>Fort Jackson, SC 29207-0010                 | 734-4316/6950 |

**Table C-2**  
**Supporting Logistics Assistance Offices(LAO)—Continued**

| Location          | Address                                                                                                                                  | Phone*                             |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| FT KNOX           | Ch, USA LAO, Fort Knox<br>ATTN:AMXLA-C-C-KN<br>P.O. Box 59<br>Fort Knox, KY 40121-5650                                                   | 464-4955/3953                      |
| FT LEE            | Commandant USA Logistics Management College<br>ATTN: ATSZ-MRD-L<br>Fort Lee, VA 23801-6049                                               | 539-4807/4351                      |
| FT LEONARD WOOD   | Ch, USA LAO, Fort Leonard Wood<br>ATTN:AMXLA-C-C-LW<br>Bldg 1842<br>Fort Leonard Wood, MO 65473-5870                                     | 581-7312/7314                      |
| FT LEWIS          | Ch, USA LAO, 71D<br>ATTN:AMXLA-C-W-LE<br>Bldg 9505<br>Fort Lewis, WA 98433-5000                                                          | 357-5593/3327                      |
| FT LEWIS          | Ch, USA LAO, I Corps<br>ATTN:AMXLA-C-W<br>Bldg 5A31<br>Fort Lewis, WA 98433-5000                                                         | 357-2349/2400                      |
| FT MCPHERSON      | Ch, USA LAO, FORSCOM<br>ATTN:AMXLA-CO<br>Bldg 200<br>Fort McPherson, GA 30330-6000                                                       | 367-6711/5445                      |
| FT MEADE          | Ch, USA LAO, Fort Meade<br>Deputy Chief of Staff for Logistics<br>ATTN: AMXLA-C-E-ME<br>Bldg 4550, Room 130<br>Fort Meade, MD 20755-7400 | 923-4854/6184                      |
| FT ORD            | Ch, USA LAO, Fort Ord<br>ATTN:AMXLA-C-W-OR<br>Bldg 2052<br>Fort Ord, CA 93941-7210                                                       | 929-2309/3193                      |
| FT POLK           | Ch, USA LAO, Fort Polk<br>ATTN:AMXLA-C-G-PK<br>P.O. Box 3928, Bldg 414<br>Fort Polk, LA 71459-0928                                       | 863-2975/4024                      |
| FT RICHARDSON     | Ch, USA LAO, Fort Richardson<br>ATTN:AMXLA-P-AK-FR<br>P.O. Box 5687<br>Fort Richardson, AK 99505-7870                                    | 317-384-2931                       |
| FT RILEY          | Ch, USA LAO, Fort Riley<br>ATTN:AMXLA-C-C-RI<br>Fort Riley, KS 66442-6828                                                                | 856-4241                           |
| FT RUCKER         | Ch, USA LAO, Fort Rucker<br>ATTN:AMXLA-C-E-RU<br>P.O. Box 670<br>Fort Rucker, AL 36362-5297                                              | 558-3971/4694                      |
| FT SHAFTER        | Ch, USA LAO, Pacific<br>ATTN:AMXLA-P<br>Fort Shafter, HI 96858-5400                                                                      | 438-2715/6241                      |
| FT SILL           | Ch, USA LAO, Fort Sill<br>ATTN:AMXLA-C-C-SL<br>P.O. Box 33069<br>Fort Sill, OK 73503-0069                                                | 639-4304/2778                      |
| FT STEWART        | Ch, USA LAO, 24ID<br>ATTN:AMXLA-C-E-ST<br>Bldg T-286<br>Fort Stewart, GA 31314-6072                                                      | 870-5037/2935                      |
| FT WAINWRIGHT     | Ch, USA LAO, Alaska<br>ATTN:AMXLA-P-AK<br>P.O. Box 35049<br>Fort Wainwright, Alaska 99703-0049                                           | 317-353-7721                       |
| GE, BAD KREUZNACH | Ch, USA LAO 1st AD Unit 24110,<br>Box AMC-LAO<br>ATTN: AMXLA-E-N-BK<br>APO AE 09111                                                      | 490-6161/7226 Bad Kreuznach<br>Mil |
| GE, BERLIN        | CH, USA LAO, Berlin c/o 6th Spt Bn<br>(ATTN: AMXLA-E-W-B) Unit 26704,<br>Box 6144<br>APO AE 09235                                        | ETS 332-3228/3495                  |
| GE, DARMSTADT     | Ch, USA LAO, 32D AADCOM<br>ATTN:AMXLA-E-W-DR<br>APO AE 09175                                                                             | ETS 348-7357/6550                  |

**Table C-2**  
**Supporting Logistics Assistance Offices(LAO)—Continued**

| Location            | Address                                                                                                           | Phone*                           |
|---------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------|
| GE, FRANKFURT       | Ch, USA LAO, V Corps<br>ATTN:AMXLA-E-N<br>APO AE 09079-4709                                                       | 320-8346/6306 Frankfurt Mil      |
| GE,FULDA            | Ch, USA LAO, 11th ACR Box 174<br>ATTN:AMXLA-E-N-FD<br>APO AE 09146-4711                                           | 321-3625/3725 Fulda Mil          |
| GE, KAISERSLAUTERN  | Ch, USA LAO, 21st TAACOM<br>c/o 9th MMC(ATTN: AMXLA-E-W)<br>Unit 23201<br>APO AE 09263                            | 483-8211/8775 Kaiserslautern Mil |
| GE, KITZINGEN       | Ch, USA LAO, 3d ID<br>Unit 26512<br>ATTN:AMXLA-E-S-KZ<br>APO AE 09225                                             | 355-2715/2785 Kitzingen Mil      |
| GE, SECKENHEIM      | Ch, USA LAO, Europe<br>ATTN:AMXLA-E<br>APO AE 09266-4708                                                          | 370-8888/7068 Heidelberg Mil     |
| GE, VILSECK         | Ch, USA LAO, 7th ATC<br>HHC 7A CATC<br>ATTN:AMXLA-E-S-VL<br>APO AE 09112                                          | 476-2627/2865 Vilseck Mil        |
| GE, WIESBADEN       | Ch, USA LAO, 3D COSCOM<br>ATTN:AMXLA-E-N-WI<br>Unit 29629<br>APO AE 09096                                         | 337-5389/5713 Wiesbaden Mil      |
| GE, WORMS           | Ch, USA LAO, 5th Signal Cmd<br>ATTN:AMXLA-E-W-WO<br>CMR 421<br>APO AE 09056                                       | ETS 383-7321/7716                |
| GE, ZWEIBRUECKEN    | Ch, USA LAO, 200th TAMMC<br>ATTN:AMXLA-E-W-ZB<br>APO AE 09052                                                     | ETS 494-6016/6246                |
| HONDURAS, SOTO CANO | Ch, USA LAO, Soto Cano AB<br>ATTN:AMXLA-S-SC<br>PSC #42, Box 168<br>APO AA 34042                                  | 449-4508/4459                    |
| ITALY, LIVORNO      | Ch, USA LAO, Camp Darby, Italy<br>ATTN:AMXLA-L Unit 38301,<br>Box 39<br>APO AE 09613                              | 314-633-7201/7368                |
| ITALY, VICENZA      | Ch, USA LAO, SETAF<br>ATTN:AMXLA-E-W-VI<br>Unit 31401, Box 12<br>APO AE 09630                                     | 634-7533/7532                    |
| KOREA, TONGDUCHON   | Ch, USA LAO, 21D<br>ATTN:AMXLA-FE-ID<br>Bldg S-2242, Camp Casey<br>Unit # 15048<br>APO AP 96224-0309              | 730-1967/1962                    |
| KOREA, TAEGU        | Ch, USA LAO, 19 SUPCOM<br>ATTN:AMXLA-FE-SC<br>Bldg S-1 101, Camp Henry<br>Unit #15019<br>APO AP 96218-0175        | 768-7955/7990                    |
| KOREA, PYONGTAEK    | Ch, USALAO, Camp Humphreys<br>ATTN:AMXLA-FE-P<br>Bldg T-329, Camp Humphreys<br>Unit # 15228<br>APO AP 96271-0164  | 753-6012/6004                    |
| KOREA, SEOUL        | Ch, USA LAO, FAR EAST<br>ATTN:AMXLA-FE<br>Bldg 2680, Yongsan<br>Unit # 15293<br>APO AP 96205-0066                 | 723-2575/3752 Yongsan            |
| KOREA, UIJONGBUK    | Ch, USALAO, 21D CP Red Cloud<br>ATTN:AMXLA-FE-U<br>Bldg T-704, Camp Red Cloud<br>Unit #15353<br>APO AP 96258-0210 | 732-6108/6174                    |
| PANAMA,COROZAL      | Ch, USA LAO, SOUTHCOM<br>ATTN:AMXLA-S<br>Unit 092<br>APO AA 34002-5000                                            | 313-285-4208/4153                |

**Table C-2**  
**Supporting Logistics Assistance Offices(LAO)—Continued**

| Location      | Address                                                              | Phone*        |
|---------------|----------------------------------------------------------------------|---------------|
| SCHOFIELD BKS | Ch, USA LAO, 25ID<br>ATTN:AMXLA-P-SB<br>Schofield Bks, HI 96857-5400 | 455-9120/9348 |

Notes:

NOTE \*. All numbers are DSN unless otherwise noted.

## Appendix D

### Julian/Ordinal Date Calendar

#### D-1. Julian dates

Julian dates are made with four numerical characters. The first character of the julian date is the last number of the current calendar year. The remaining three characters of the julian date are the numbered calendar day of the current year. For example, for 11 June 1990, the julian date would be "0162". Using the date of 11 June 1990, instructions on how to arrive with a julian date from the chart below are as follows:

*a.* For the first character of the julian date, use the last numerical character of calendar year 1990. The zero (0) will be the first character of the julian date for 1990.

*b.* For the remaining three characters of the julian date, find the day of the month (in this case, 11 June) in the first or last column in the chart below. With a straight edge placed on the line where the day "11" appears, move to the right or left until you come to the current month (in this case, June). You will find the number "162" in the June column. This is the one hundred and sixty second day of the calendar year 1990.

*c.* Place the "0" in front of "162" and you will have the julian date of "0162" for 11 June 1990.

#### D-2. Ordinal dates

Ordinal dates are made with five numerical characters. The first two characters of the ordinal date are the last two numbers of the current calendar year. The remaining three characters of the ordinal date are the numbered calendar day of the current year. For example, for 11 June 1990, the ordinal date would be "90162". Using the date of 11 June 1990, instructions on how to arrive with an ordinal date from the chart below are as follows:

*a.* For the first two characters of the ordinal date, use the last two numerical characters of calendar year 1990. The "90" will be the first two characters of the ordinal date for 1990.

*b.* For the remaining three characters of the ordinal date, find the day, month, and numeric day of the calendar year 1990 the same way you do for construction of a julian date (para D-1).

*c.* The ordinal date for this example of 11 June 1990 would be "90162".

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**Julian/Ordinal Date Calendar**

| Calendar to Julian/Ordinal Date |     |     |     |     |     |      |      |     |     |     |     |     | (Chart 1 Perpetual) |
|---------------------------------|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|---------------------|
| Day                             | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | Day                 |
| 1                               | 001 | 032 | 060 | 091 | 121 | 152  | 182  | 213 | 244 | 274 | 305 | 335 | 1                   |
| 2                               | 002 | 033 | 061 | 092 | 122 | 153  | 183  | 214 | 245 | 275 | 306 | 336 | 2                   |
| 3                               | 003 | 034 | 062 | 093 | 123 | 154  | 184  | 215 | 246 | 276 | 307 | 337 | 3                   |
| 4                               | 004 | 035 | 063 | 094 | 124 | 155  | 185  | 216 | 247 | 277 | 308 | 338 | 4                   |
| 5                               | 005 | 036 | 064 | 095 | 125 | 156  | 186  | 217 | 248 | 278 | 309 | 339 | 5                   |
| 6                               | 006 | 037 | 065 | 096 | 126 | 157  | 187  | 218 | 249 | 279 | 310 | 340 | 6                   |
| 7                               | 007 | 038 | 066 | 097 | 127 | 158  | 188  | 219 | 250 | 280 | 311 | 341 | 7                   |
| 8                               | 008 | 039 | 067 | 098 | 128 | 159  | 189  | 220 | 251 | 281 | 312 | 342 | 8                   |
| 9                               | 009 | 040 | 068 | 099 | 129 | 160  | 190  | 221 | 252 | 282 | 313 | 343 | 9                   |
| 10                              | 010 | 041 | 069 | 100 | 130 | 161  | 191  | 222 | 253 | 283 | 314 | 344 | 10                  |
| 11                              | 011 | 042 | 070 | 101 | 131 | 162  | 192  | 223 | 254 | 284 | 315 | 345 | 11                  |
| 12                              | 012 | 043 | 071 | 102 | 132 | 163  | 193  | 224 | 255 | 285 | 316 | 346 | 12                  |
| 13                              | 013 | 044 | 072 | 103 | 133 | 164  | 194  | 225 | 256 | 286 | 317 | 347 | 13                  |
| 14                              | 014 | 045 | 073 | 104 | 134 | 165  | 195  | 226 | 257 | 287 | 318 | 348 | 14                  |
| 15                              | 015 | 046 | 074 | 105 | 135 | 166  | 196  | 227 | 258 | 288 | 319 | 349 | 15                  |
| 16                              | 016 | 047 | 075 | 106 | 136 | 167  | 197  | 228 | 259 | 289 | 320 | 350 | 16                  |
| 17                              | 017 | 048 | 076 | 107 | 137 | 168  | 198  | 229 | 260 | 290 | 321 | 351 | 17                  |
| 18                              | 018 | 049 | 077 | 108 | 138 | 169  | 199  | 230 | 261 | 291 | 322 | 352 | 18                  |
| 19                              | 019 | 050 | 078 | 109 | 139 | 170  | 200  | 231 | 262 | 292 | 323 | 353 | 19                  |
| 20                              | 020 | 051 | 079 | 110 | 140 | 171  | 201  | 232 | 263 | 293 | 324 | 354 | 20                  |
| 21                              | 021 | 052 | 080 | 111 | 141 | 172  | 202  | 233 | 264 | 294 | 325 | 355 | 21                  |
| 22                              | 022 | 053 | 081 | 112 | 142 | 173  | 203  | 234 | 265 | 295 | 326 | 356 | 22                  |
| 23                              | 023 | 054 | 082 | 113 | 143 | 174  | 204  | 235 | 266 | 296 | 327 | 357 | 23                  |
| 24                              | 024 | 055 | 083 | 114 | 144 | 175  | 205  | 236 | 267 | 297 | 328 | 358 | 24                  |
| 25                              | 025 | 056 | 084 | 115 | 145 | 176  | 206  | 237 | 268 | 298 | 329 | 359 | 25                  |
| 26                              | 026 | 057 | 085 | 116 | 146 | 177  | 207  | 238 | 269 | 299 | 330 | 360 | 26                  |
| 27                              | 027 | 058 | 086 | 117 | 147 | 178  | 208  | 239 | 270 | 300 | 331 | 361 | 27                  |
| 28                              | 028 | 059 | 087 | 118 | 148 | 179  | 209  | 240 | 271 | 301 | 332 | 362 | 28                  |
| 29                              | 029 |     | 088 | 119 | 149 | 180  | 210  | 241 | 272 | 302 | 333 | 363 | 29                  |
| 30                              | 030 |     | 089 | 120 | 150 | 181  | 211  | 242 | 273 | 303 | 334 | 364 | 30                  |
| 31                              | 031 |     | 090 |     | 151 |      | 212  | 243 |     | 304 |     | 365 | 31                  |

**For Leap Years See Chart 2**

Figure D-1. Julian/Ordinal Date Calendar

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## Julian/Ordinal Date Calendar

Calendar to Julian/Ordinal date

(Chart 2 for leap years)

| Day | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | Day |
|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|
| 1   | 001 | 032 | 061 | 092 | 122 | 153  | 183  | 214 | 245 | 275 | 306 | 336 | 1   |
| 2   | 002 | 033 | 062 | 093 | 123 | 154  | 184  | 215 | 246 | 276 | 307 | 337 | 2   |
| 3   | 003 | 034 | 063 | 094 | 124 | 155  | 185  | 216 | 247 | 277 | 308 | 338 | 3   |
| 4   | 004 | 035 | 064 | 095 | 125 | 156  | 186  | 217 | 248 | 278 | 309 | 339 | 4   |
| 5   | 005 | 036 | 065 | 096 | 126 | 157  | 187  | 218 | 249 | 279 | 310 | 340 | 5   |
| 6   | 006 | 037 | 066 | 097 | 127 | 158  | 188  | 219 | 250 | 280 | 311 | 341 | 6   |
| 7   | 007 | 038 | 067 | 098 | 128 | 159  | 189  | 220 | 251 | 281 | 312 | 342 | 7   |
| 8   | 008 | 039 | 068 | 099 | 129 | 160  | 190  | 221 | 252 | 282 | 313 | 343 | 8   |
| 9   | 009 | 040 | 069 | 100 | 130 | 161  | 191  | 222 | 253 | 283 | 314 | 344 | 9   |
| 10  | 010 | 041 | 070 | 101 | 131 | 162  | 192  | 223 | 254 | 284 | 315 | 345 | 10  |
| 11  | 011 | 042 | 071 | 102 | 132 | 163  | 193  | 224 | 255 | 285 | 316 | 346 | 11  |
| 12  | 012 | 043 | 072 | 103 | 133 | 164  | 194  | 225 | 256 | 286 | 317 | 347 | 12  |
| 13  | 013 | 044 | 073 | 104 | 134 | 165  | 195  | 226 | 257 | 287 | 318 | 348 | 13  |
| 14  | 014 | 045 | 074 | 105 | 135 | 166  | 196  | 227 | 258 | 288 | 319 | 349 | 14  |
| 15  | 015 | 046 | 075 | 106 | 136 | 167  | 197  | 228 | 259 | 289 | 320 | 350 | 15  |
| 16  | 016 | 047 | 076 | 107 | 137 | 168  | 198  | 229 | 260 | 290 | 321 | 351 | 16  |
| 17  | 017 | 048 | 077 | 108 | 138 | 169  | 199  | 230 | 261 | 291 | 322 | 352 | 17  |
| 18  | 018 | 049 | 078 | 109 | 139 | 170  | 200  | 231 | 262 | 292 | 323 | 353 | 18  |
| 19  | 019 | 050 | 079 | 110 | 140 | 171  | 201  | 232 | 263 | 293 | 324 | 354 | 19  |
| 20  | 020 | 051 | 080 | 111 | 141 | 172  | 202  | 233 | 264 | 294 | 325 | 355 | 20  |
| 21  | 021 | 052 | 081 | 112 | 142 | 173  | 203  | 234 | 265 | 295 | 326 | 356 | 21  |
| 22  | 022 | 053 | 082 | 113 | 143 | 174  | 204  | 235 | 266 | 296 | 327 | 357 | 22  |
| 23  | 023 | 054 | 083 | 114 | 144 | 175  | 205  | 236 | 267 | 297 | 328 | 358 | 23  |
| 24  | 024 | 055 | 084 | 115 | 145 | 176  | 206  | 237 | 268 | 298 | 329 | 359 | 24  |
| 25  | 025 | 056 | 085 | 116 | 146 | 177  | 207  | 238 | 269 | 299 | 330 | 360 | 25  |
| 26  | 026 | 057 | 086 | 117 | 147 | 178  | 208  | 239 | 270 | 300 | 331 | 361 | 26  |
| 27  | 027 | 058 | 087 | 118 | 148 | 179  | 209  | 240 | 271 | 301 | 332 | 362 | 27  |
| 28  | 028 | 059 | 088 | 119 | 149 | 180  | 210  | 241 | 272 | 302 | 333 | 363 | 28  |
| 29  | 029 | 060 | 089 | 120 | 150 | 181  | 211  | 242 | 273 | 303 | 334 | 364 | 29  |
| 30  | 030 |     | 090 | 121 | 151 | 182  | 212  | 243 | 274 | 304 | 335 | 365 | 30  |
| 31  | 031 |     | 091 |     | 152 |      | 213  | 244 |     | 305 |     | 366 | 31  |

(Use in 1992, 1996, 2000, 2004, 2008, etc)

Figure D-1. Julian/Ordinal Date Calendar—Continued

**Appendix E****Department of the Army List of Items on which Historical Records are to be Maintained****E-1. Introduction**

This appendix tells you the equipment that requires historical records and which forms you will keep. In addition to required forms listed in this appendix, DA Form 2408-20 is maintained on equipment enrolled in the AOAP. The AOAP equipment is identified in chapter 4, tables 4-1 through 4-7. However, if the supporting AOAP laboratory is automated and you receive printout(s) or automated forms reflecting all the data from the DA Form 2408-20, the DA Form 2408-20 is not required unless directed by local standing operation procedures.

**E-2. Required forms**

The forms required are identified opposite the nomenclature of the equipment found in tables E-1 through E-4. The DA Form 2408-9 refers to reporting of acceptance, transfers, losses, gains, and NSN

re-designations. The DA Form 2408-9 USAGE refers to usage, overhaul reporting, and to the repair of selected combat and tactical vehicles under the CONUS Tactical Wheeled Vehicle Program and for OCONUS, under the Theater Intermediate General Support Repair Program (GSRP) (formerly The Theater Army Repair Program (TARP)), or other DA approved programs requiring DA Form 2408-9 reports. All track and wheeled items of equipment subject to the U.S. Army Vehicle Registration Program are required to submit DA Forms 2408-9 per chapters 5 of both AR 710-3 and this pamphlet. These items have been included in appendix E.

**E-3. Missile systems/missile subsystems, combat/tactical vehicles, and support equipment**

Missile systems/missile subsystems, combat/tactical vehicles, and support equipment are listed in tables E-1 and E-2 and arranged by ECC. The column headings are ECC, NOUN, MODEL, LIN, NSN, EIC, REG# REQD, and FORMS REQUIRED. The ECC is a two character alpha designation that shows the general and subgroupings for the items (see app B, table B-18).

#### **E-4. Railway equipment and non-tactical wheeled vehicles**

Railway equipment and non-tactical wheeled vehicles are listed in Tables E-3 and E-4 and are arranged by ECC/LIN/NSN. The column headings are ECC, NOUN, LIN, NSN, EIC, REG#REQD, and FORMS REQUIRED.

#### **E-5. Forms information**

The purpose, detailed requirements, use, preparation, processing and disposition of the DA forms are contained in other chapters of this pamphlet.

#### **E-6. TAMMS DA forms**

Commanders may direct the preparation of TAMMS DA forms not listed for equipment for local management purposes. However, all copies of forms used will be retained within the command.

#### **E-7. Initiation of DA Form 2408-5**

DA Form 2408-5 will be initiated only upon notification of the first published DAMWO.

#### **E-8. DA Forms 2409 not listed**

Commanders may require DA Forms 2409 on equipment not listed in appendix E.

#### **E-9. When to start a form**

Do not start a form until entries are required on it.

#### **E-10. Requests to add equipment**

Requests to add equipment to appendix E will be submitted in writing (Memorandum or DA Form 2028) through the AMC major subordinate command that manages the item to: Director, USAMC Logistics Support Activity, ATTN: AMXLS-RRM, Redstone Arsenal, AL 35898-7466. You will find the command that manages the item by looking up the item's NSN on the Army Master Data File. The command is identified by the first position of the MAT-CAT code.

*a.* Request to add equipment will include the following information:

- (1) The nomenclature of the item.
- (2) The item's NSN.
- (3) Model or identification number.
- (4) Line item number.
- (5) Item manager (the command that manages the item).
- (6) The item's equipment category code. See table B-18.
- (7) Is the item currently in the Army inventory? Give the current and projected densities. (Normally the command that manages the item will provide this information.)
- (8) Identify the type of historical records required.
- (9) Define the purpose of each form to include—
  - (a) Data to be collected.
  - (b) Who will use the data.
  - (c) How long the data must be retained and why.
  - (d) A picture of the equipment.

*b.* When the DA Form 2409 is requested, identify specifically the form sections/blocks required and source of data for the information to be retained, as well as when the form or data from the form will be required/reported and the purpose of the report.

*c.* Request for DA Form 2408-9 information will—

- (1) Define the use and purpose for the DA Form 2408-9 data being requested.
- (2) Define the data elements required for summaries/reports that must be made on the DA Form 2408-9 data that will be collected. Describe the required format for the intended summaries/reports.
- (3) Identify the frequency for the intended summaries/reports and the activity that will be responsible for using the data.

#### **E-11. Usage reporting**

Usage reporting for all combat and selected tactical vehicles has been deleted. Usage for these items is now being obtained through the AOAP. Tactical vehicles not enrolled in the AOAP are still

identified in appendix E as DA Form 2408-9 USAGE reportable and will be reported as of 1 November of each year.

#### **E-12. Format of this appendix**

The format of this appendix provides separate columns as shown below:

- a.* ECC—Equipment category code.
- b.* NOUN—Nomenclature.
- c.* MODEL/LIN—Model—End Item Model. LIN—Line Item Number.
- d.* NSN—National stock number.
- e.* EIC—End item code. \*\*\* Indicates not assigned.
- f.* REG# REQD—Indicates items requiring the assignment of U. S. Army registration numbers.
- g.* Forms required are indicated by an X:
  - (1) (1) 2408-4 WPNS REC. DA Form 2408-4. Weapon Record Data.
  - (2) (2) 2408-5 MWO. DA Form 2408-5. Equipment Modification Record.
  - (3) (3) 2408-9 A/T/G/L. DA Form 2408-9, Acceptance, Transfer, Gain or Loss Report.
  - (4) (4) 2408-9 USAGE. DA Form 2408-9, Usage Report.
  - (5) (5) 2408-9 OH/RPR. DA Form 2408-9, Overhaul Report and CONUS Tracked Wheeled Vehicle Repair Program or GSRP.
  - (6) 2409 MAINT. DA Form 2409, Equipment Maintenance Log.

**Table E-1**  
**Identification of Required Forms for Missile Systems**

| ECC | NOUN                         | MODEL        | LIN    | NSN           | EIC | REG#<br>REQ | 2408-5<br>MWO | 2408-9 A/T/<br>G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL | 2409<br>MAINT |
|-----|------------------------------|--------------|--------|---------------|-----|-------------|---------------|--------------------|-----------------|-----------------|----------------|---------------|
| B   | AIR DEFENSE SYSTEM           |              |        |               |     |             |               |                    |                 |                 |                |               |
|     | BE GM SYSTEM HAWK            |              |        |               |     |             |               |                    |                 |                 |                |               |
|     | RADAR ST CONT WA ACQ         | AN/MPQ-55    | Q16044 | 1430010424907 | MCH | X           | X             | X                  |                 |                 |                |               |
|     | RADAR SET                    | AN/MPQ-50    | 016048 | 1430010424908 | MCJ | X           | X             | X                  |                 |                 |                |               |
|     | RADAR SET HIPIR              | AN/MPQ-57    | Q16040 | 1430010789643 | MDJ | X           | X             | X                  |                 |                 |                |               |
|     | PLATOON CMD POST GM          | AN/MSW-13RAM | P05898 | 1430010841131 | MEB | X           | X             | X                  |                 |                 |                |               |
|     | CABLE ASSY ELEC TRIAD        | NONE         | C60442 | 1430010870697 | MEE |             | X             | X                  |                 |                 |                |               |
|     | PLATOON CMD POST GM          | AN/MSW-20    | P06103 | 1430011805318 | MFD | X           | X             | X                  |                 |                 |                |               |
|     | CWAR RADAR SET GM            | AN/MPQ-62    | C66602 | 1430011846768 | MEJ | X           | X             | X                  |                 |                 |                |               |
|     | HP1 RADAR SET                | AN/MPQ-61    | H86670 | 1430011918780 | MEK | X           | X             | X                  |                 |                 |                |               |
|     | CABLE SET ELECTRICAL         | AN/GSA-137   | C68284 | 1430012139397 | MEL |             | X             | X                  |                 |                 |                |               |
|     | CONTROL BOX LNCHR SECT       | AN/GSA-132A  | E88188 | 1440006025055 | MBC |             | X             | X                  |                 |                 |                |               |
|     | LAUNCHER ZERO LENGTH         | M192E1       | L45757 | 1440008053012 | MCA | X           | X             | X                  |                 |                 |                |               |
|     | LOADER TRANS GM              | M501E3       | L76762 | 1450000668873 | MAA | X           | X             | X                  |                 |                 |                |               |
|     | PALLET LOAD & STORE          | M1E2         | N51684 | 1450001035399 | MAB | X           | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP GM RCS            | AN/TSM-112   | T14109 | 4935001339770 | MAD | X           | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP (SHOP 6)          | AN/TSM-132   | T11645 | 4935006047378 | MBD | X           | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP (SHOP 5)          | ME2E2        | T11508 | 4935007406220 | MBG | X           | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP GM RCS SYS        | NONE         | T14102 | 4935007821957 | MBJ | X           | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP (SHOP 8)          | AN/TSM-107   | T14464 | 4935010424909 | MCK | X           | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP (SHOP 3)          | AN/TSM-104   | T14101 | 4935010518691 | MDF | X           | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP (SHOP 1)          | AN/TSM-106   | T14103 | 4935010833129 | MDK |             | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP (SHOP 9)          | AN/TSM-145   | T14110 | 4935010855618 | MEC |             | X             | X                  |                 |                 |                |               |
|     | SUPPL EQUIP GM TST ST        | AN/TSM-148   | U59390 | 4935010855679 | MED |             | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP (SHOP 2)          | AN/TSM-169   | T14105 | 4935011662185 | MFB |             | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP (SHOP 8)          | AN/TSM-178   | S23289 | 4935012187088 | MCL |             | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP (SHOP 1)          | AN/TSM-179   | S15525 | 4935012187089 | MCM |             | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP (SHOP 9)          | AN/TSM-177   | S23357 | 4935012239088 | MCN |             | X             | X                  |                 |                 |                |               |
|     | SUPPL EQ SYS TST STA         | AN/TSM-180   | S63066 | 4935012239122 | MFM |             | X             |                    |                 |                 |                |               |
|     | SHOP EQUIP (SHOP 20)         | AN/TSM-190   | S14686 | 4935012829256 | *** |             | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP (SHOP 21)         | AN/TSM-188   | S14766 | 4935012865599 | *** |             | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP (SHOP 8)          | AN/TSM-189   | Z69483 | 4935012865600 | *** | X           | X             | X                  |                 |                 |                |               |
|     | BF ARMAMENT SUB-SYS HEL M-22 |              |        |               |     |             |               |                    |                 |                 |                |               |
|     | ARMT-SUB SYS                 | M22          | A90871 | 1440009963769 | *** |             | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP GM P-DM           | M22 C        | T13837 | 4935000459612 | *** |             | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP GM FM             | M22 E        | T15207 | 4935006916837 | *** |             | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP GM FM             | M22 B        | T15207 | 4935009539121 | *** |             | X             | X                  |                 |                 |                |               |
|     | TRAINING SET GM FC           | DX-44        | X04347 | 6920009539965 | *** |             | X             | X                  |                 |                 |                |               |
|     | BK CHAPARRAL                 |              |        |               |     |             |               |                    |                 |                 |                |               |
|     | INTERCEPT AERIAL             | MIM-72B      | J95467 | 1410004211632 | NBP |             | X             | X                  |                 |                 |                |               |
|     | GM INTERCEPT AERIAL          | MIM-72C      | J95469 | 1410005556185 | NAH |             | X             | X                  |                 |                 |                |               |
|     | GM INTERCEPT AERIAL          | MIM-72A      | J95459 | 1410009308358 | NAL |             | X             | X                  |                 |                 |                |               |
|     | GM INTERCEPT AERIAL          | MIM-72E      | M44599 | 1410010953248 | NBG |             | X             | X                  |                 |                 |                |               |
|     | GM INTERCEPT AERIAL          | MIM-72G      | G95537 | 1410012057186 | NAR |             | X             |                    |                 |                 |                |               |
|     | TOWED CHAP FIRE UNIT         | XM85         | T69778 | 1425011662187 | NCE |             | X             | X                  |                 |                 |                |               |
|     | GMS INTERCEPT AERIAL         | M48A1        | J95533 | 1440010698877 | NBD |             | X             | X                  |                 | X               | X              |               |
|     | LAUNCHING STATION GMS        | M54A1        | J95536 | 1440010746799 | NCH |             | X             | X                  |                 |                 |                |               |
|     | GMS INTERCEPT AERIAL         | M48A2        | J95533 | 1440011063089 | NBK |             | X             | X                  |                 | X               | X              |               |
|     | LAUNCHING STATION GMS        | M54A2        | J95536 | 1440011424576 | NAQ |             | X             | X                  |                 |                 |                |               |
|     | GMS INTERCEPT AERIAL         | M48A2E1      | J95533 | 1440011985892 | NCI | X           | X             | X                  |                 | X               | X              |               |
|     | LAUNCHING STATION GMS        | M54A2E1      | J95536 | 1440012073002 | NBQ |             | X             | X                  |                 |                 |                |               |
|     | GUIDED MISSILE SYS           | M48A3        | J95533 | 1440013203843 | *** |             | X             | X                  |                 |                 |                |               |
|     | CARRIER GM EQUIP (SP)        | M730         | D11668 | 1450009308749 | NCF | X           |               | X                  |                 | X               | X              |               |

**Table E-1**  
**Identification of Required Forms for Missile Systems—Continued**

| ECC | NOUN                                 | MODEL      | LIN    | NSN           | EIC | REG#<br>REQ | 2408-5<br>MWO | 2408-9 A/T/<br>G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL | 2409<br>MAINT |
|-----|--------------------------------------|------------|--------|---------------|-----|-------------|---------------|--------------------|-----------------|-----------------|----------------|---------------|
|     | CARRIER GM EQUIP                     | M730A1     | NO-LIN | 1450011212122 | AEK | X           |               | X                  |                 | X               | X              |               |
|     | CARRIER GM                           | M730A2     | NO-LIN | 1450012076408 | *** | X           |               | X                  |                 | X               | X              |               |
|     | TEST SET GM                          | AN/DSM-79  | V78928 | 4935000457282 | NAC |             | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP GMS (XO-4)                | AN/TSM-96  | T14441 | 4935001689951 | NAE | X           | X             | X                  |                 |                 |                |               |
|     | TEST SET GMS (XO-2)                  | AN/TSM-85  | V79469 | 4935001987773 | NAG |             | X             | X                  |                 |                 |                |               |
|     | ALIGNMENT SET LNCHR                  | M-71       | A35027 | 4935009338823 | NAM |             | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP GMS                       | AN/TSM-95  | NO-LIN | 4935010698867 | NBC | X           | X             | X                  |                 |                 |                |               |
|     | TEST SET GMS                         | AN/TSM-85A | V79469 | 4935010699144 | NBE |             | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP GMS                       | AN/TSM-96A | T14441 | 4935011049827 | NBJ | X           | X             | X                  |                 |                 |                |               |
|     | TEST SET GMS                         | AN/TSM-85B | V79469 | 4935011585338 | NCB |             | X             | X                  |                 |                 |                |               |
|     | ALIGNMENT SET LNCHR                  | M71A1      | A35027 | 4935011593919 | NCC |             | X             | X                  |                 |                 |                |               |
|     | BM FWD AREA ALERT RADAR(FAAR)        |            |        |               |     |             |               |                    |                 |                 |                |               |
|     | RADAR SET (XO-1)                     | AN/MPQ-49  | Q16046 | 1430001794199 | NFC | X           | X             | X                  |                 |                 |                |               |
|     | DSPLY SET TGT DATA                   | NONE       | G22933 | 1430001795321 | NFD |             | X             | X                  |                 |                 |                |               |
|     | DSPLY SET TGT DATA                   | NONE       | G22933 | 1430010687642 | NFE |             | X             | X                  |                 |                 |                |               |
|     | TEST SET RADAR                       | AN/MPM-59  | V84002 | 6625001511323 | NFA | X           | X             | X                  |                 |                 |                |               |
|     | TEST SET RADAR                       | AN/MPM-57  | V83998 | 6625001780833 | NFB | X           | X             | X                  |                 |                 |                |               |
|     | BN STINGER                           |            |        |               |     |             |               |                    |                 |                 |                |               |
|     | AVENGER                              | AN/TWQ-1   | F57713 | 1430012861314 | NWA | X           | X             | X                  |                 |                 |                |               |
|     | INTERROGATOR SET                     | AN/PPX-3   | J98501 | 5895010324263 | *** |             |               | X                  |                 |                 |                |               |
|     | PROGRAMMER INTERROG                  | AN/GSX-1   | P69002 | 5895010324266 | IZJ |             |               | X                  |                 |                 |                |               |
|     | CHARGER BATTERY                      | PP-7309    | C99921 | 6130010246922 | NRB |             |               | X                  |                 |                 |                |               |
|     | TRAINING SET GM                      | M134       | T04834 | 6920010246948 | NRF |             |               | X                  |                 |                 |                |               |
|     | RECHARGING UNIT                      | M80        | R61270 | 6920010249970 | NRJ |             |               | X                  |                 |                 |                |               |
|     | TRAINING SET GM                      | M160       | T04834 | 6920012322562 | NRY |             |               | X                  |                 |                 |                |               |
|     | BP PATRIOT                           |            |        |               |     |             |               |                    |                 |                 |                |               |
|     | GM INTERCEPT AERIAL                  | MIM-104    | G95535 | 1410010876343 | MNE |             | X             | X                  |                 |                 |                |               |
|     | GUIDED MSL INTE                      | MIM-104A   | G95535 | 1410012057066 | MNL |             | X             | X                  |                 |                 |                |               |
|     | GUIDED MISSILE INTE                  | MIM-104B   | G95535 | 1410012676685 | MOV |             | X             | X                  |                 |                 |                |               |
|     | GUIDED MSL INTE                      | MIM-104C   | G95535 | 1410012869689 | *** |             | X             | X                  |                 |                 |                |               |
|     | RADAR SET SEMITR MTD                 | AN/MPQ-53  | R18815 | 1430010876330 | MNA | X           | X             | X                  |                 |                 |                |               |
|     | INFO AND COORD CENTR                 | AN/MSQ-116 | J82250 | 1430010876337 | MNB | X           | X             | X                  |                 |                 |                |               |
|     | ENGAGEMENT CONT STA                  | AN/MSQ-104 | E08497 | 1430010876338 | MNC | X           | X             | X                  |                 |                 |                |               |
|     | LAUNCHING STATION                    | M901       | L46979 | 1440010879844 | MNF | X           | X             | X                  |                 |                 |                |               |
|     | SEMITRAILER LB                       | M1033      | S74055 | 2330010879857 | MNG | X           | X             | X                  |                 |                 |                |               |
|     | STRLR VAN GM RPR PTS                 | M1032      | S43871 | 2330011307980 | MNJ |             | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP GMS                       | AN/TSM-163 | S17120 | 4935011348713 | MOB | X           | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP GMS                       | AN/TSM-164 | S15457 | 4935011360233 | MOC | X           | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP GMS                       | AN/TSM-176 | S14637 | 4935011654224 | MON | X           | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP GMS                       | AN/TCM-1   | S14569 | 4935011820578 | MOK | X           | X             | X                  |                 |                 |                |               |
|     | ORG MAINT TRNR                       | NONE       | P24234 | 6920011618962 | MOD |             | X             | X                  |                 |                 |                |               |
|     | OPERATOR TACTICS TRNR                | AN/FSG-T2  | P40272 | 6920011618963 | MOE |             | X             | X                  |                 |                 |                |               |
|     | BV MISCELLANEOUS                     |            |        |               |     |             |               |                    |                 |                 |                |               |
|     | ANTENNA MAST GROUP                   | OE349MRC   | A80593 | 1430011315373 | MNK | X           | X             | X                  |                 |                 |                |               |
|     | COMM RELAY GROUP                     | AN/MRC-137 | C60363 | 1430011315427 | MOA |             | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP KIT (PVS)                 | XM-1       | NO-LIN | 4935010122845 | MCF |             | X             | X                  |                 |                 |                |               |
|     | BX TRAINING AND HANDLING EQUIPMENT   |            |        |               |     |             |               |                    |                 |                 |                |               |
|     | TRAINING SET GM STM                  | M76        | X04518 | 6920008090399 | NND |             |               | X                  |                 |                 |                |               |
|     | TRAINING SET GM FC                   | DX-43      | X04073 | 6920009539964 | *** |             | X             | X                  |                 |                 |                |               |
| C   | MISSILE SYS SURFACE-TO-SURFACE       |            |        |               |     |             |               |                    |                 |                 |                |               |
|     | CA LAND COMBAT SUPPORT SYSTEMS(LCSS) |            |        |               |     |             |               |                    |                 |                 |                |               |
|     | SUPPL EQUIP TEST STA                 | MK1551     | U59407 | 4935001347730 | QRC |             | X             |                    |                 |                 |                |               |
|     | SUPPL EQUIP TEST STA                 | MK1165     | U59250 | 4935001779498 | QRD |             | X             |                    |                 |                 |                |               |

**Table E-1**  
**Identification of Required Forms for Missile Systems—Continued**

| ECC | NOUN                               | MODEL       | LIN    | NSN           | EIC | REG#<br>REQ | 2408-5<br>MWO | 2408-9 A/T/<br>G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL | 2409<br>MAINT |
|-----|------------------------------------|-------------|--------|---------------|-----|-------------|---------------|--------------------|-----------------|-----------------|----------------|---------------|
|     | TEST STATION                       | AN/TSM-93   | W00869 | 4935009307250 | QRF | X           | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP                         | AN/TSM-94   | T14485 | 4935009307251 | QRG | X           | X             | X                  |                 |                 |                |               |
|     | CB TOW                             |             |        |               |     |             |               |                    |                 |                 |                |               |
|     | CARR GM EQUIP (TOW)                | M113A1      | D11681 | 1450001762697 | AEA | X           | X             | X                  |                 | X               | X              |               |
|     | TRUCK GM EQUIP MULE                | NONE        | X45554 | 1450001762709 | BGA | X           |               | X                  |                 |                 |                |               |
|     | TRUCK GM EQUIP (TOW)               | JEEP TOW    | X45549 | 1450001762712 | BAA | X           | X             | X                  | X               |                 | X              |               |
|     | TRUCK GM (TOW)                     | NONE        | X45317 | 1450008789024 | BAB | X           | X             | X                  | X               |                 | X              |               |
|     | TEST SET GMS LNCHR                 | NONE        | V79132 | 4935003512601 | PFB |             | X             | X                  |                 |                 |                |               |
|     | TEST SET GMS                       | AN/TSM-104B | T79200 | 4935011429561 | PBJ |             | X             |                    |                 |                 |                |               |
|     | CD DRAGON                          |             |        |               |     |             |               |                    |                 |                 |                |               |
|     | TRKR IR GM (XO-I)/P                | SU-36       | W80715 | 1430000788340 | PJB |             | X             |                    |                 |                 |                | X             |
|     | NIGHT VISION SGT TRAC              | AN/TAS-5    | N23721 | 1430010469594 | PKF |             | X             |                    |                 |                 |                | X             |
|     | TRACTOR TEST SET                   | AN/TSM-114  | NO-LIN | 4935000782858 | *** |             | X             |                    |                 |                 |                | X             |
|     | SUPPL EQUIP TEST STA               | MK1638      | U59424 | 4935001093365 | QRB |             | X             | X                  |                 |                 |                | X             |
|     | TRACTOR TEST SET                   | AN/TSM-114  | NO-LIN | 4935001245585 | PJE |             | X             |                    |                 |                 |                | X             |
|     | TRANSM SET INFRARED                | M89         | X18673 | 6920000714482 | PJA |             | X             |                    |                 |                 |                | X             |
|     | MONITORING SET GM                  | AN/TSQ-T1   | M66857 | 6920001656369 | PJH |             | X             |                    |                 |                 |                | X             |
|     | TRAINER LAUNCH EFF GM              | M54         | X00233 | 6920001756327 | PJK |             | X             |                    |                 |                 |                | X             |
|     | TRANSM SET INFRARED                | M89E1       | X18673 | 6920011477124 | PLB |             | X             |                    |                 |                 |                | X             |
|     | CG MULTIPLE ROCKET LAUNCHER SYS    |             |        |               |     |             |               |                    |                 |                 |                |               |
|     | LAUNCHER ROCKET ARM                | M270        | L44894 | 1055010920596 | QAC | X           | X             | X                  |                 | X               | X              | X             |
|     | LAUNCHER RKT ARMD VEH              | M1270/IMP   | L44894 | 1055011920357 | QBD | X           | X             | X                  |                 | X               | X              | X             |
|     | LAUNCHER RKT ARMD VEH              | M270/IMP    | L44894 | 1055011920358 | QBE | X           | X             | X                  |                 | X               | X              | X             |
|     | LAUNCHER ROCKET ARM                | M270/IMP    | L44894 | 1055012519756 | QBJ | X           | X             | X                  |                 | X               | X              | X             |
|     | LAUNCHER ROCKET ARM                | M270/IMP    | L44894 | 1055013296826 | *** | X           | X             | X                  |                 | X               | X              | X             |
|     | ROCKET POD 298 MM                  | M26         | L65871 | 1340011223506 | QAH |             | X             |                    |                 |                 |                |               |
|     | HYDRAULIC SVC UNIT                 | MLRS        | H58029 | 1450011374442 | QBA |             | X             |                    |                 |                 |                |               |
|     | TRNR INERT LNCH POD                | LP/CMLRS    | T06763 | 6920011369550 | QAJ |             | X             |                    |                 |                 |                |               |
|     | TRNR INERT LCHN POD                | M/LPA MLRS  | T06763 | 6920012992216 | QAM |             | X             |                    |                 |                 |                |               |
|     | DIGITAL MSG DEVICE                 | (MLRS)      | M52900 | 7025011936603 | QAL |             | X             |                    |                 |                 |                |               |
|     | CV GM SYSTEM SHILLELAGH            |             |        |               |     |             |               |                    |                 |                 |                |               |
|     | TEST SET GM                        | AN/TJM-1    | V78911 | 4935001340056 | QQB |             | X             |                    |                 |                 |                |               |
|     | SUPPL EQUIP TEST STA               | MK1166      | U59255 | 4935001779502 | QRE |             | X             | X                  |                 |                 |                |               |
|     | SHOP EQUIP (COF)                   | AN/MSM-97   | T10129 | 4935001795584 | QQV | X           | X             | X                  |                 |                 |                |               |
|     | TEST SET GMS                       | AN/MSM-93   | V79499 | 4935008790373 | QQD |             | X             |                    |                 |                 |                |               |
|     | TRNR LNCHR (COF)                   | M62         | X00250 | 6920009304009 | QQG |             | X             |                    |                 |                 |                |               |
|     | CX TRAINING AND HANDLING EQUIPMENT |             |        |               |     |             |               |                    |                 |                 |                |               |
|     | TRAINING SET GM STM                | M70         | X04584 | 6920001797320 | PAE |             | X             |                    |                 |                 |                |               |
|     | TRAINING SET                       | AN/TAS-4    | X04584 | 6920011439406 | PBK |             | X             |                    |                 |                 |                |               |
|     | TRAINING SET                       | M70E2       | X04584 | 6920011456098 | PBL |             | X             |                    |                 |                 |                |               |

| ECC | NOUN                               | MODEL       | LIN    | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|------------------------------------|-------------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
| D   | ARTILLERY WEAPONS                  |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | DA HOWITZERS, TOWED                |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | HOWITZER LT 105MM                  | M102        | K57392 | 1015000868164 | 3EA |             | X                     |               | X                 |                 |                 |                |
|     | HOWITZER LT 105MM                  | M101        | K57392 | 1015003229728 | 3EB |             | X                     |               | X                 |                 |                 |                |
|     | HOWITZER LT 105MM                  | M101A1      | K57392 | 1015003229752 | 3EC |             | X                     |               | X                 |                 |                 |                |
|     | HOWITZER LT 155MM                  | M119        | H57505 | 1015012480859 | 3FA | X           | X                     |               | X                 |                 |                 |                |
|     | HOWITZER LT 155MM                  | M119A1      | H57505 | 1015013081872 | 3WC | X           | X                     |               | X                 |                 |                 |                |
|     | HOWITZER LT 105MM                  | L119        | H57505 | 1015999607065 | 3FB | X           | X                     |               | X                 |                 |                 |                |
|     | HOWITZER MED 155MM                 | M114        | K57803 | 1025003229755 | 3EG |             | X                     |               | X                 |                 |                 |                |
|     | HOWITZER MED 155MM                 | M114A1      | K57803 | 1025003229768 | 3EH |             | X                     |               | X                 |                 |                 |                |
|     | HOWITZER MED 155MM                 | M114A2      | K57803 | 1025010259857 | 3EK |             | X                     |               | X                 |                 |                 |                |
|     | HOWITZER MED 155MM                 | M198        | K57821 | 1025010266648 | 3EL |             | X                     |               | X                 |                 |                 |                |
|     | DB MORTARS                         |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | MORTAR 60MM                        | M224        | M67939 | 1010010205626 | 4SC |             | X                     |               | X                 |                 |                 |                |
|     | MORTAR 107MM                       | M30/M24     | M68282 | 1015003229720 | 4SD |             | X                     |               | X                 |                 |                 |                |
|     | MORTAR 107MM                       | M30/M24A1   | M68282 | 1015008401840 | 4SH |             | X                     |               | X                 |                 |                 |                |
|     | MORTAR 81MM                        | M29A1       | M68008 | 1015009997794 | 4SJ |             | X                     |               | X                 |                 |                 |                |
|     | MORTAR 81MM                        | M252        | M02114 | 1015011646651 | 4SK |             | X                     |               | X                 |                 |                 |                |
|     | DC RIFLES, RECOILLESS              |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | RIFLE, RCL 106MM                   | M40A2/MTM79 | R96758 | 1015001338484 | 4GR |             | X                     |               | X                 |                 |                 |                |
|     | RIFLE, RCL 106MM                   | M40A4/MTM92 | R96758 | 1015001338485 | 4GS |             | X                     |               | X                 |                 |                 |                |
|     | RIFLE, RCL 106MM                   | M40A1       | R96758 | 1015003484925 | 4GY |             | X                     |               | X                 |                 |                 |                |
|     | RIFLE, RCL 90MM                    | M67         | R96484 | 1015006577534 | 4G2 |             | X                     |               | X                 |                 |                 |                |
|     | DE LAUNCHERS,ROCKET                |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | LAUNCHER ROCKET                    | M91         | L45123 | 1055006759532 | 4RC |             | X                     |               | X                 |                 |                 |                |
|     | 115MM                              |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | LNCHR MINE CLEARING                | MOD1        | L67342 | 1055012812770 | 59A | X           |                       |               | X                 |                 |                 |                |
|     | DF GUNS, COMPUTER                  |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | COMPUTER GUN                       | M18         | E76866 | 1220004480131 | 3QA |             | X                     |               | X                 |                 |                 |                |
|     | DG GUNS, ANTI-AIRCRAFT             |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | GUN ADA TOWED 20MM                 | M167A1      | J96845 | 1005010140837 | 3JA | X           | X                     |               | X                 |                 |                 |                |
|     | GUN ADA TOWED 20MM                 | M167A2      | G96913 | 1005011779237 | 3JO | X           | X                     |               | X                 |                 |                 |                |
| E   | EY MISCELLANEOUS SUPPORT EQUIPMENT |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | GEN SMOKE, MECH                    | M3A3        | J30492 | 1040005873618 | 5CA |             |                       |               | X                 |                 |                 |                |
|     | GEN SMOKE, MECH                    | M3A4        | J30492 | 1040011439506 | 5CB |             |                       |               | X                 |                 |                 |                |
| F   | TANKS                              |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | FB TANKS, 105MM &120MM GUN         |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TANK COMBAT FT 105MM               | M60AIR      | V13101 | 2350001169765 | ABA | X           | X                     |               | X                 |                 | X               | X              |
|     | TANK COMBAT FT 105MM               | M60A3       | V13101 | 2350001486548 | ABB | X           | X                     |               | X                 |                 | X               | X              |
|     | TANK COMBAT FT 105MM               | M48A1       | V12964 | 2350003018456 | *** | X           | X                     |               | X                 |                 |                 | X              |
|     | TANK COMBAT FT 105MM               | M48A5       | V13101 | 2350005825595 | ABC | X           | X                     |               | X                 |                 | X               | X              |
|     | TANK COMBAT FT 105MM               | M60         | V13101 | 2350006785773 | ABD | X           | X                     |               | X                 |                 | X               | X              |
|     | TANK COMBAT FT 105MM               | M60A1       | V13101 | 2350007568497 | ABE | X           | X                     |               | X                 |                 | X               | X              |
|     | TANK COMBAT FT 105MM               | M60A1A0S    | V13101 | 2350010589487 | ABH | X           | X                     |               | X                 |                 | X               | X              |
|     | TANK COMBAT FT 105MM               | M60A1RP     | V13101 | 2350010591503 | ABJ | X           | X                     |               | X                 |                 | X               | X              |
|     | TANK COMBAT FT 105MM               | M48A5       | V13101 | 2350010591504 | ABK | X           | X                     |               | X                 |                 | X               | X              |
|     | TANK COMBAT FT 105MM               | M60A3TTS    | T13169 | 2360010612306 | ABL | X           | X                     |               | X                 |                 | X               | X              |
|     | TANK COMBAT FT 105MM               | M1          | T13374 | 2350010612445 | AAA | X           | X                     |               | X                 |                 | X               | X              |
|     | TANK COMBAT FT 120MM               | M1A1        | T13168 | 2350010871095 | AAB | X           | X                     |               | X                 |                 | X               | X              |
|     | TANK COMBAT FT 105MM               | M1 IPM1     | T13374 | 2350011368738 | AAC | X           | X                     |               | X                 |                 | X               | X              |
|     | TANK COMBAT FT 120MM               | M1A2        | Z77258 | 2350013285964 | *** | X           | X                     |               | X                 |                 | X               | X              |
|     | FC TANKS 152MM                     |             |        |               |     |             |                       |               |                   |                 |                 |                |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                              | MODEL    | LIN    | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|-----------------------------------|----------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
| G   | TANK COMBAT FT 152MM              | M60A2    | V13270 | 2350009303590 | ABG | X           |                       |               | X                 |                 |                 |                |
|     | COMBAT VEHICLES                   |          |        |               |     |             |                       |               |                   |                 |                 |                |
|     | GA HOWITZERS, SELF-PROPELLED      |          |        |               |     |             |                       |               |                   |                 |                 |                |
|     | HOW SP FT 155MM                   | M109A2   | K57667 | 2350010310586 | 3EZ | X           | X                     |               | X                 |                 | X               | X              |
|     | HOW SP FT 155MM                   | M109A3   | K57667 | 2350010318851 | 3E2 | X           | X                     |               | X                 |                 | X               | X              |
|     | HOW HVY SPT FT 8 INCH             | M110A2   | K56981 | 2350010414590 | 3E3 | X           | X                     |               | X                 |                 | X               | X              |
|     | HOW SP FT 155MM                   | M109A4   | K57667 | 2350012775770 | 3E8 | X           | X                     |               | X                 |                 | X               | X              |
|     | HOW SP FT 155MM                   | M109A5   | K57667 | 2350012811719 | 3E7 | X           | X                     |               | X                 |                 | X               | X              |
|     | GB MORTARS, SELF-PROPELLED        |          |        |               |     |             |                       |               |                   |                 |                 |                |
|     | CARRIER FT 107MM                  | M125A1   | D10726 | 2350000710732 | AEE | X           | X                     |               | X                 |                 | X               | X              |
|     | CARRIER SP 107MM                  | M106A1   | D10741 | 2350000769002 | AEF | X           | X                     |               | X                 |                 | X               | X              |
|     | CARRIER FT 81MM                   | M125A2   | D10726 | 2350010684087 | AEP | X           | X                     |               | X                 |                 | X               | X              |
|     | CARRIER SP 107MM                  | M106A2   | D10741 | 2350010696931 | AER | X           | X                     |               | X                 |                 | X               | X              |
|     | GC COMBAT VEHICLES, ANTI-TANK     |          |        |               |     |             |                       |               |                   |                 |                 |                |
|     | IMPROVED TOWED VEH                | M901     | E56896 | 2350010451123 | AEM | X           |                       |               | X                 |                 | X               | X              |
|     | IMPROVED TOWED VEH                | M901A1   | E56896 | 2350011035641 | AEV | X           |                       |               | X                 |                 | X               | X              |
|     | GD GUNS, SELF-PROPELLED           |          |        |               |     |             |                       |               |                   |                 |                 |                |
|     | GUN AAA SP 40MM                   | M42A1    | J96820 | 2350000494791 | 3JD | X           | X                     |               | X                 |                 | X               | X              |
|     | GUN ADA SP 20MM                   | M163A1   | J96694 | 2350010172113 | 3JJ | X           | X                     |               | X                 |                 | X               | X              |
|     | GUN AAA SP 40MM                   | M247     | G96572 | 2350010891261 | 3JK | X           |                       |               | X                 |                 | X               | X              |
|     | GUN ADA SP 20MM                   | M163A2   | G44859 | 2350011692833 | 3JL | X           | X                     |               | X                 |                 | X               | X              |
|     | GF RECOVERY VEHICLES              |          |        |               |     |             |                       |               |                   |                 |                 |                |
|     | REC VEH FT MED                    | M88A1    | R50681 | 2350001226826 | AQA | X           |                       |               | X                 |                 | X               | X              |
|     | REC VEH FT LT ARMD                | M578     | R50544 | 2350004396242 | 3LA | X           |                       |               | X                 |                 | X               | X              |
|     | GG COMBAT ENGINEER VEHICLES       |          |        |               |     |             |                       |               |                   |                 |                 |                |
|     | COMBAT ENGR VEH                   | M728     | E56578 | 2350007951797 | ABF | X           | X                     |               | X                 |                 | X               | X              |
|     | GJ TRACTORS                       |          |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRCTR FT HIGH SPEED               | M9 (ACE) | W76473 | 2350008087100 | ASA | X           |                       |               | X                 |                 | X               | X              |
|     | GK LAUNCHERS, BRIDGE              |          |        |               |     |             |                       |               |                   |                 |                 |                |
|     | LAUNCHER                          | M48A2    | L43390 | 5420005423052 | ARB | X           | X                     |               | X                 |                 | X               | X              |
|     | LNCH AVLB, 60FT BRID              | M60      | L43664 | 5420008892020 | ARC | X           | X                     |               | X                 |                 | X               | X              |
|     | LAUNCHER BRID                     | M48A2    | NO-LIN | 5420010300906 | *** | X           | X                     |               | X                 |                 | X               | X              |
|     | LNCH AVLB, 60FT BRID              | M48A5    | L43664 | 5420010766096 | ARE | X           | X                     |               | X                 |                 | X               | X              |
|     | GL CARRIERS, PERSONNEL            |          |        |               |     |             |                       |               |                   |                 |                 |                |
|     | CARRIER PERSONNEL                 | M113A1   | D12087 | 2350009686321 | AEL | X           |                       |               | X                 |                 | X               | X              |
|     | INFANTRY FIGHTING VEH             | M2       | J81750 | 2350010485920 | APA | X           | X                     |               | X                 |                 | X               | X              |
|     | CAVALRY FIGHTING VEH              | M3       | C76335 | 2350010492695 | APB | X           | X                     |               | X                 |                 | X               | X              |
|     | CARRIER PERSONNEL                 | M113A2   | D12087 | 2350010684077 | AEN | X           |                       |               | X                 |                 | X               | X              |
|     | CARRIER PERSONNEL                 | M981     | C12155 | 2350010853792 | AET | X           |                       |               | X                 |                 | X               | X              |
|     | INFANTRY FIGHTING VEH             | M2A1     | F40307 | 2350011791027 | ALE | X           | X                     |               | X                 |                 | X               | X              |
|     | CAVALRY FIGHTING VEH              | M3A1     | F60462 | 2350011791028 | ALF | X           | X                     |               | X                 |                 | X               | X              |
|     | INFANTRY FIGHTING VEH             | M2 PIP   | NO-LIN | 2350012003037 | *** | X           |                       |               | X                 |                 | X               | X              |
|     | CAVALRY FIGHTING VEH              | M3 PIP   | NO-LIN | 2350012003038 | *** | X           | X                     |               | X                 |                 | X               | X              |
|     | CARRIER PERSONNEL                 | M113A3   | C18234 | 2350012197577 | AEY | X           |                       |               | X                 |                 | X               | X              |
|     | INFANTRY FIGHTING VEH             | M2A2     | F40375 | 2350012487619 | ALG | X           | X                     |               | X                 |                 | X               | X              |
|     | CAVALRY FIGHTING VEH              | M3A2     | F60530 | 2350012487620 | ALH | X           | X                     |               | X                 |                 | X               | X              |
|     | GM ARMORED RECON AIRBORNE ASSAULT |          |        |               |     |             |                       |               |                   |                 |                 |                |
|     | ARAAV FT 152MM                    | M551A1   | A93125 | 2350001405151 | ALB | X           | X                     |               | X                 |                 | X               | X              |
|     | ARAAV FT 152MM                    | M551     | A93125 | 2350008735408 | ALC | X           | X                     |               | X                 |                 | X               | X              |
|     | ARAAV NTC/OPFOR                   | M551     | A39789 | 2350011151579 | ALD | X           | X                     |               | X                 |                 | X               | X              |
|     | TRNG                              |          |        |               |     |             |                       |               |                   |                 |                 |                |
|     | GN AMPHIBIOUS CARGO CARRIERS      |          |        |               |     |             |                       |               |                   |                 |                 |                |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                                          | MODEL        | LIN    | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|-----------------------------------------------|--------------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | CARRIER CGO AMPH<br>GQ CARRIERS, COMMAND POST | M116         | D10990 | 2350004112057 | AEC | X           | X                     |               | X                 |                 |                 |                |
|     | CARRIER COMMAND<br>POST                       | M577A1       | D11538 | 2350000566808 | AED | X           |                       |               | X                 |                 | X               | X              |
|     | CARRIER COMMAND<br>POST                       | M577         | D11538 | 2350008566624 | *** | X           |                       |               | X                 |                 | X               | X              |
|     | CARRIER COMMAND<br>POST                       | M577A2       | D11538 | 2350010684089 | AEQ | X           |                       |               | X                 |                 | X               | X              |
|     | GR CARRIERS, CARGO, TRACKED                   |              |        |               |     |             |                       |               |                   |                 |                 |                |
|     | CARRIER CARGO                                 | M548         | D11049 | 2350000784545 | AEG | X           |                       |               | X                 |                 | X               | X              |
|     | CARRIER CARGO                                 | M993         | NO-LIN | 2350010915405 | AE3 | X           |                       |               | X                 |                 | X               | X              |
|     | CARRIER CARGO                                 | M548A1       | D11049 | 2350010969356 | AEU | X           |                       |               | X                 |                 | X               | X              |
|     | CARRIER CARGO (MED)                           | M975         | NO-LIN | 2350011016785 | 3PA | X           |                       |               | X                 |                 |                 |                |
|     | CARRIER CARGO (AMMO)                          | M992         | C10908 | 2350011104660 | AEW | X           |                       |               | X                 |                 | X               | X              |
|     | CARRIER CARGO (SUSV)                          | M973         | C11280 | 2350011329099 | BXA | X           |                       |               | X                 |                 | X               | X              |
|     | CARRIER CARGO                                 | M1015        | C10858 | 2350011368744 | AEX | X           |                       |               | X                 |                 | X               | X              |
|     | CARRIER CARGO (EW)                            | M1015A1      | C10858 | 2350011368745 | AEZ | X           |                       |               | X                 |                 | X               | X              |
|     | CARRIER CARGO (AMMO)                          | M1050        | C10976 | 2350011631437 | AE2 | X           |                       |               | X                 |                 | X               | X              |
|     | CARRIER CARGO (SUSV)                          | M1067        | Z13610 | 2350012816450 | *** | X           |                       |               | X                 |                 | X               | X              |
|     | CARRIER CARGO (SUSV)                          | M973E1       | C11280 | 2350012816451 | BXB | X           |                       |               | X                 |                 | X               | X              |
|     | CARR CMD/CTRL (SUSV)                          | M1065        | Z16002 | 2350012818324 | *** | X           |                       |               | X                 |                 | X               | X              |
|     | CARRIER AMBL (SUSV)                           | M1066        | Z04986 | 2350012836215 | *** | X           |                       |               | X                 |                 | X               | X              |
|     | GW CARRIERS, OTHER                            |              |        |               |     |             |                       |               |                   |                 |                 |                |
| H   | CARRIER, SMOKE GEN<br>TACTICAL VEHICLES       | M1059        | C12815 | 2350012030188 | AES | X           |                       |               | X                 |                 | X               | X              |
|     | HA TRUCKS 1/4 TON, AMBULANCE                  |              |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRUCK AMBULANCE 1/4<br>T                      | M718A1       | X38639 | 2310001779256 | BAC | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK AMBULANCE 1/4<br>T                      | M718         | X38639 | 2310007826056 | BAD | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK AMBULANCE 1/4<br>T                      | M170         | X38639 | 2310008358686 | BAL | X           |                       |               | X                 |                 |                 |                |
|     | HB TRUCKS, 1/4 TON, UTILITY                   |              |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRUCK UTILITY 1/4 T                           | M825         | X61244 | 2320001779257 | BAE | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK UTILITY 1/4 T                           | M151A2       | X60833 | 2320001779258 | BAF | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK UTILITY 1/4 T                           | M151         | X60833 | 2320005424783 | BAG | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK UTILITY 1/4 T                           | M151A1C      | X61244 | 2320007631091 | BAH | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK UTILITY 1/4 T                           | M151A1       | X60833 | 2320007631092 | BAJ | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK UTILITY 1/4 T                           | M151A2(ROPS) | X60833 | 2320012644819 | BAS | X           |                       |               | X                 | X               |                 | X              |
|     | HC TRUCKS, 1/2 TON                            |              |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRK PLTFM UTIL 1/2T                           | M274A1       | X55627 | 2320000646373 | BGD | X           |                       |               | X                 |                 |                 |                |
|     | TRK PLTFM UTIL 1/2T                           | M274A2       | X55627 | 2320000741167 | BGE | X           |                       |               | X                 |                 |                 |                |
|     | TRK PLTFM UTIL 1/2T                           | M274A3       | X55627 | 2320007825792 | BGF | X           |                       |               | X                 |                 |                 |                |
|     | TRK PLTFM UTIL 1/2T                           | M274A4       | X55627 | 2320007825793 | BGG | X           |                       |               | X                 |                 |                 |                |
|     | TRK PLTFM UTIL 1/2T                           | M274A5       | X55627 | 2320009301976 | BGJ | X           |                       |               | X                 |                 |                 |                |
|     | HD TRUCKS, 3/4 TON, CARGO                     |              |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRUCK CARGO 3/4T                              | M37B1        | X39872 | 2320005424632 | BCG | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CARGO 3/4T                              | M37B1        | X39735 | 2320005424636 | BCA | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CARGO 3/4T                              | M37          | X39735 | 2320008358322 | BCJ | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CARGO 3/4T                              | M37          | X39872 | 2320008358323 | BCK | X           |                       |               | X                 |                 |                 |                |
|     | HE TRUCKS, 3/4 TON, OTHER                     |              |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRUCK AMBULANCE 3/4T                          | M43B1        | X38776 | 2310005424634 | FFJ | X           |                       |               | X                 |                 |                 |                |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                        | MODEL       | LIN    | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|-----------------------------|-------------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | TRUCK AMBULANCE 3/4T        | M43         | X38776 | 2310008358516 | FFK | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK MAINT TELE 3/4T       | M201 V41/GT | X53709 | 2320003923703 | BCF | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK UTILITY 3/4T          | M1009       | T05028 | 2320011232665 | BEB | X           |                       |               | X                 | X               |                 | X              |
|     | HF TRUCKS, 1 1/4 TON        |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRUCK AMBL 1 1/4T           | M893        | X38562 | 2310001255679 | BDA | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK AMBL 1 1/4T           | M886        | X38592 | 2310005799078 | BDB | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK AMBL 1 1/4T           | M792        | X38961 | 2310008329907 | BFA | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK AMBL 1 1/4T           | M725        | X38951 | 2310009216369 | BFE | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK AMBL 1 1/4T           | M997        | T38844 | 2310011112274 | BBA | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK AMBL 1 1/4T           | M996        | T38707 | 2310011112275 | BBB | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK AMBL 1 1/4T           | M1010       | T38660 | 2310011232666 | BEA | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK CARGO 1 1/4T          | M880        | X39432 | 2320005798942 | BDC | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK CARGO 1 1/4T          | M881        | X39444 | 2320005798943 | BBD | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK CARGO 1 1/4T          | M882        | X39447 | 2320005798957 | BDE | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK CARGO 1 1/4T          | M883        | X39450 | 2320005798959 | BDF | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK CARGO 1 1/4T          | M884        | X39453 | 2320005798985 | BDG | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK CARGO 1 1/4T          | M885        | X39441 | 2320005798989 | BDH | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK CARGO 1 1/4T          | M890        | X39429 | 2320005798991 | BDJ | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK CARGO 1 1/4T          | M891        | X39438 | 2320005799046 | BDK | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK CARGO 1 1/4T          | M892        | X39435 | 2320005799052 | BDL | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK CARGO 1 1/4T          | M561        | X39940 | 2320008735407 | BFB | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 1 1/4T          | M715        | X39883 | 2320009216365 | BFD | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CARGO 1 1/4T          | M715        | X39906 | 2320009216366 | BFF | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK MAINT 1 1/4T          | M726        | X53775 | 2320009216833 | BFG | X           |                       |               | X                 |                 |                 |                |
|     | TRK MAINT TEL 1 1/4T        | M888        | T53498 | 2320010440333 | BDM | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK UTILITY 1 1/4T        | M966        | T05096 | 2320011077153 | BBC | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK UTILITY 1 1/4T        | M1036       | NO-LIN | 2320011077154 | BBH | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK UTILITY 1 1/4T        | M998        | T61494 | 2320011077155 | BBD | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK UTILITY 1 1/4T        | M1038       | T61562 | 2320011077156 | BBE | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK UTILITY 1 1/4T        | M1008A1     | T59346 | 2320011232671 | BEC | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK CARGO 1 1/4T          | M1008WE     | T59482 | 2320011236827 | BED | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK CARGO 1 1/4T          | M1028       | T59414 | 2320011275077 | BEE | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK UTILITY 1 1/4T        | M1025       | T92242 | 2320011289551 | BBF | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK UTILITY 1 1/4T        | M1026       | T92310 | 2320011289552 | BBG | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK UTILITY 1 1/4T        | M1042       | Z94116 | 2320011467187 | *** | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK UTILITY 1 1/4T        | XM1055      | Z94111 | 2320011467192 | *** | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK UTILITY 1 1/4T        | M1037       | T07543 | 2320011467193 | BBK | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK UTILITY 1 1/4T        | XM1054      | Z94113 | 2320011481638 | *** | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK UTILITY 1 1/4T        | XM1056      | Z94115 | 2320011481639 | *** | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK UTILITY 1 1/4T        | XM1053      | Z94362 | 2320011501035 | *** | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK CARGO 1 1/4T          | M1028A1     | T59550 | 2320011580820 | BEF | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK UTILITY 1 1/4T        | M1069       | T07611 | 2320012340497 | BBJ | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK CARGO 1 1/4T          | M561        | NO-LIN | 2320012758708 | *** | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 1 1/4T          | NONE        | NO-LIN | 2320012950822 | *** | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK UTILITY 1 1/4T        | XM1097      | T07679 | 2320013469317 | BBM | X           |                       |               | X                 | X               |                 | X              |
|     | HG TRUCKS, 2 1/2 TON, CARGO |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRUCK CARGO 2 1/2T          | M35A2       | X40009 | 2320000771616 | BMA | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 2 1/2T          | M35A2       | X40146 | 2320000771617 | BMB | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 2 1/2T          | M36A2       | X40283 | 2320000771618 | BMC | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 2 1/2T          | M36A2       | X40420 | 2320000771619 | BMD | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 2 1/2T          | M35A1       | X40009 | 2320005425633 | BM5 | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 2 1/2T          | M35A1 W/W   | X40146 | 2320005425634 | BM6 | X           |                       |               | X                 |                 | X               | X              |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                        | MODEL       | LIN    | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|-----------------------------|-------------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | TRUCK CARGO 2 1/2T          | M35         | X40009 | 2320008358463 | BLA | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK CARGO 2 1/2T          | M35 W/W     | X40146 | 2320008358464 | BLB | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK CARGO 2 1/2T          | M35A2C      | X40077 | 2320009260873 | BMR | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 2 1/2T          | M35A2C      | X40214 | 2320009260875 | BMS | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 2 1/2T          | M956        | NO-LIN | 2320010766190 | *** | X           |                       |               | X                 |                 |                 | X              |
|     | TRUCK CARGO 2 1/2T          | M1078       | Z40430 | 2320013543385 | BHD | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 2 1/2T          | M1083       | Z40439 | 2320013543386 | BR2 | X           |                       |               | X                 |                 | X               | X              |
|     | TRK CGO, W/MHE 2 1/2T       | M1084       | Z93626 | 2320013543387 | BR3 | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CGO, LWB 2 1/2T       | M1085       | Z40337 | 2320013544530 | BR7 | X           |                       |               | X                 |                 | X               | X              |
|     | TRK CGO, LAPES 2 1/2T       | M1093       | Z60815 | 2320013553063 | BR9 | X           |                       |               | X                 |                 | X               | X              |
|     | TRK-CGO, LAPES 2 1/2T       | M1081       | Z40566 | 2320013553064 | BHF | X           |                       |               | X                 |                 | X               | X              |
|     | HH TRUCKS, 2 1/2 TON, OTHER |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRUCK TANK FS               | M49A2C      | X57271 | 2320000771631 | BME | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK TANK FS               | M49A2C      | X57408 | 2320000771632 | BMF | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK TANK WATER            | M50A2       | X58367 | 2320000771633 | BMG | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK VAN SHOP              | M109A3      | X62340 | 2320000771636 | BMJ | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK VAN SHOP              | M1 09A3 W/W | X62477 | 2320000771637 | BMK | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK TRACTOR               | M275A2      | X59052 | 2320000771640 | BML | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK TRACTOR               | M275A2 W/W  | X59189 | 2320000771641 | BHB | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK DUMP                  | M342A2      | X43297 | 2320000771643 | BMN | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK DUMP                  | M342A2 W/W  | X43434 | 2320000771644 | BMP | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK TANK FS               | M49C        | X57271 | 2320001418235 | BLD | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK VAN EXP               | M292        | X61929 | 2320003256574 | *** | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK TANK FUEL             | M49A1C      | X57408 | 2320004403346 | BMM | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK TANK WATER            | M50A1       | X58367 | 2320004408307 | BMZ | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK VAN SHOP              | M109A2W/W   | X62477 | 2320004408308 | BM2 | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK VAN SHOP              | M109A2      | X62340 | 2320004408313 | BM3 | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK VAN EXP               | M292A1      | X61929 | 2320004408318 | BGM | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK TRACTOR               | M275A1      | X59052 | 2320004462479 | BM4 | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK MAINT TELE            | V17AMTQ     | X53846 | 2320004988377 | BLM | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK VAN SHOP              | M109A1      | X62340 | 2320006908365 | BLR | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK VAN EXP               | M292A5      | X62203 | 2320006993746 | BGN | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK TANK WATER            | M50         | X58367 | 2320008358344 | BLW | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK VAN SHOP              | M109        | X62340 | 2320008358515 | BL3 | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK VAN SHOP              | M220        | X62340 | 2320008358600 | BL5 | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK PIPELINE CON-<br>STR  | M756A2      | X55216 | 2320009043277 | BMQ | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK TANK WATER            | M50A3       | X58367 | 2320009374036 | BMT | X           |                       |               | X                 |                 | X               | X              |
|     | TRK MAINT EARTH<br>BORER    | M764        | X58983 | 2320009375980 | BMV | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK TANK                  | M960        | NO-LIN | 2320010757872 | *** | X           |                       |               | X                 |                 |                 | X              |
|     | TRUCK DUMP                  | M958        | NO-LIN | 2320010766185 | *** | X           |                       |               | X                 |                 |                 | X              |
|     | TRUCK VAN                   | M1079       | Z94492 | 2320013543384 | BHE | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK WRECKER               | M1089       | Z94433 | 2320013544528 | BR4 | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK DUMB                  | M1094       | Z40503 | 2320013553062 | BTk | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK DUMB                  | M1090       | Z93669 | 2320013544529 | BR5 | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK DUMB                  | M1086       | Z63558 | 2320013544531 | BR8 | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK TRACTOR               | M1088       | Z85341 | 2320013554332 | BTJ | X           |                       |               | X                 |                 | X               | X              |
|     | HI TRUCKS, 5-TON, CARGO     |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRUCK CARGO 5-TON           | M813 W/W    | X40968 | 2320000508890 | BSA | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 5-TON           | M813        | X40831 | 2320000508902 | BSB | X           |                       |               | X                 |                 | X               | X              |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                     | MODEL      | LIN    | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|--------------------------|------------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | TRUCK CARGO D/S<br>5-TON | M813A1 W/W | X40931 | 2320000508905 | BSC | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO D/S<br>5-TON | M813A1     | X40794 | 2320000508913 | BSD | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 5-TON        | M814 W/W   | X41242 | 2320000508987 | BSJ | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 5-TON        | M814       | X41105 | 2320000508988 | BSK | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 5-TON        | M55A2 W/W  | X41242 | 2320000559259 | BQB | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 5-TON        | M54A2 W/W  | X40968 | 2320000559265 | BQG | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 5-TON        | M54A2      | X40831 | 2320000559266 | BQH | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 5-TON        | M54A1      | X40831 | 2320000867481 | BRE | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 5-TON        | M54A1 W/W  | X40968 | 2320000867482 | BRF | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 5-TON        | M55 W/W    | X41242 | 2320003910570 | BPC | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK CARGO D/S<br>5-TON | M54A2C     | X40794 | 2320007612854 | BQL | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 5-TON        | M54 W/W    | X40968 | 2320008358335 | BPH | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK CARGO 5-TON        | M54        | X40831 | 2320008358348 | BPM | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK CARGO D/S<br>5-TON | M54A1C W/W | X40931 | 2320008804612 | BRH | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO D/S<br>5-TON | M54A1C     | X40794 | 2320008804614 | BRJ | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 5-TON        | NONE       | NO-LIN | 2320008892171 | *** | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK CARGO 5-TON        | M656       | X41310 | 2320009030883 | BQN | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK CARGO 5-TON        | M54A2C     | X40931 | 2320009260874 | BQS | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 5-TON        | M656 W/W   | X41327 | 2320009998418 | BQQ | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO D/S<br>5-TON | M925       | X40931 | 2320010478769 | BRT | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 5-TON        | M928       | X41242 | 2320010478770 | BRU | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 5-TON        | M927       | X41105 | 2320010478771 | BRV | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 5-TON        | M926       | X40968 | 2320010478772 | BRW | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 5-TON        | M924       | X40831 | 2320010478773 | BRX | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO D/S<br>5-TON | M923       | X40794 | 2320010502084 | BRY | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO D/S<br>5-TON | M924A1 W/E | X40831 | 2320012052692 | *** | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO D/S<br>5-TON | M926A1 W/W | X40968 | 2320012052693 | *** | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO D/S<br>5-TON | M923A1     | X40794 | 2320012064087 | BSS | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO D/S<br>5-TON | M925A1     | X40931 | 2320012064088 | BST | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 5-TON        | M927A1     | X41105 | 2320012064089 | BSW | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 5-TON        | M928A1     | X41242 | 2320012064090 | BSX | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO D/S<br>5-TON | M923A2     | X40794 | 2320012300307 | BS7 | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO D/S<br>5-TON | M925A2     | X40931 | 2320012300308 | BS8 | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 5-TON        | M927A2     | X41105 | 2320012300309 | BS9 | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 5-TON        | M928A2     | X41242 | 2320012300310 | BTM | X           |                       |               | X                 |                 | X               | X              |
|     | HJ TRUCKS 5 TON, OTHER   |            |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRK DUMP 5-TON           | M51A1      | X43708 | 2320000457131 | BRA | X           |                       |               | X                 |                 | X               | X              |
|     | TRK DUMP 5-TON           | M51A1 W/W  | X43845 | 2320000457132 | BRB | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK BOLSTER 5-TON      | M815       | X39187 | 2320000508927 | BSE | X           |                       |               | X                 |                 | X               | X              |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                     | MODEL      | LIN    | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|--------------------------|------------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | TRK DUMP 5-TON           | M817       | X43708 | 2320000508970 | BSF | X           |                       |               | X                 |                 | X               | X              |
|     | TRK TRACTOR,5-TON        | M818 W/W   | X59463 | 2320000508978 | BSG | X           |                       |               | X                 |                 | X               | X              |
|     | TRK TRACTOR 5-TON        | M818       | X59326 | 2320000508984 | BSH | X           |                       |               | X                 |                 | X               | X              |
|     | TRK TRACTOR WKR<br>5-TON | M819W/W    | X60696 | 2320000509004 | BSL | X           |                       |               | X                 |                 | X               | X              |
|     | TRK VAN EXP 5-TON        | M820       | X62237 | 2320000509006 | BSM | X           |                       |               | X                 |                 | X               | X              |
|     | TRK VAN EXP 5-TON        | M820A1     | X62237 | 2320000509007 | *** | X           |                       |               | X                 |                 | X               | X              |
|     | TRK VAN EXP 5-TON        | M820A2     | X62271 | 2320000509010 | BSN | X           |                       |               | X                 |                 | X               | X              |
|     | TRK STAKE 5-TON          | M821       | X56586 | 2320000509015 | BSP | X           |                       |               | X                 |                 | X               | X              |
|     | TRK WRECKER 5-TON        | M816 W/W   | X63299 | 2320000510489 | BSQ | X           |                       |               | X                 |                 | X               | X              |
|     | TRK DUMP 5-TON           | M817       | X43845 | 2320000510589 | BSR | X           |                       |               | X                 |                 | X               | X              |
|     | TRK WRECKER 5-TON        | M543A2 W/W | X63299 | 2320000559258 | BQA | X           |                       |               | X                 |                 | X               | X              |
|     | TRK TRACTOR 5-TON        | M52A2      | X59326 | 2320000559260 | BQC | X           |                       |               | X                 |                 | X               | X              |
|     | TRK TRACTOR 5-TON        | M52A2 W/W  | X59463 | 2320000559261 | BQD | X           |                       |               | X                 |                 | X               | X              |
|     | TRK DUMP 5-TON           | M51A2      | X43708 | 2320000559262 | BQE | X           |                       |               | X                 |                 | X               | X              |
|     | TRK DUMP 5-TON           | M51A2 W/W  | X43845 | 2320000559263 | BQF | X           |                       |               | X                 |                 | X               | X              |
|     | TRK TRACTOR WKR<br>5-TON | M246A2 W/W | X60696 | 2320000738251 | BQJ | X           |                       |               | X                 |                 | X               | X              |
|     | TRK TRACTOR 5-TON        | M52A1      | X59326 | 2320000867479 | BRC | X           |                       |               | X                 |                 | X               | X              |
|     | TRK TRACTOR 5-TON        | M52A1 W/W  | X59463 | 2320000867480 | BRD | X           |                       |               | X                 |                 | X               | X              |
|     | TRK STK BRIDGE           | NONE       | X56586 | 2320002001682 | BPA | X           |                       |               | X                 | X               |                 | X              |
|     | TRSPTR                   |            |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRK WRECKER 5-TON        | M543 W/W   | X63299 | 2320004450866 | BPD | X           |                       |               | X                 | X               |                 | X              |
|     | TRK TRACTOR WKR<br>5-TON | M246A1 W/W | X60696 | 2320006959375 | BRG | X           |                       |               | X                 |                 | X               | X              |
|     | TRK WRECKER 5-TON        | M62 W/W    | X63299 | 2320008358325 | BPE | X           |                       |               | X                 | X               |                 | X              |
|     | TRK TRACTOR 5-TON        | M52        | X59326 | 2320008358326 | BPF | X           |                       |               | X                 | X               |                 | X              |
|     | TRK TRACTOR 5-TON        | M52 W/W    | X59463 | 2320008358329 | BPG | X           |                       |               | X                 | X               |                 | X              |
|     | TRK DUMP 5-TON           | M51        | X43708 | 2320008358336 | BPJ | X           |                       |               | X                 | X               |                 | X              |
|     | TRK DUMP 5-TON           | M51 W/W    | X43845 | 2320008358337 | BPK | X           |                       |               | X                 | X               |                 | X              |
|     | TRK TRACTOR WKR<br>5-TON | M246       | X60696 | 2320008358639 | BPP | X           |                       |               | X                 | X               |                 | X              |
|     | TRK WRECKER 5-TON        | M543A1 W/W | X63299 | 2320008804618 | BRL | X           |                       |               | X                 |                 | X               | X              |
|     | TRK VAN EXP 5-TON        | M291A1     | X62237 | 2320008804642 | BRP | X           |                       |               | X                 |                 | X               | X              |
|     | TRK VAN EXP 5-TON        | M291A1D    | X62271 | 2320008804647 | BRQ | X           |                       |               | X                 |                 |                 |                |
|     | TRK VAN EXP 5-TON        | M291A2C    | NO-LIN | 2320009070707 | *** | X           |                       |               |                   | X               |                 |                |
|     | TRK WRECKER 5-TON        | NONE       | NO-LIN | 2320009260984 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRK TRACTOR 5-TON        | M757 W/W   | X59505 | 2320009371846 | BQP | X           |                       |               | X                 | X               |                 | X              |
|     | TRK TRACTOR 5-TON        | M878       | T60353 | 2320010448376 | BTB | X           |                       |               | X                 | X               |                 | X              |
|     | TRK VAN EXP 5-TON        | M934       | X62237 | 2320010478750 | BTB | X           |                       |               | X                 |                 | X               | X              |
|     | TRK VAN EXP 5-TON        | M935       | X62271 | 2320010478751 | BTC | X           |                       |               | X                 |                 | X               | X              |
|     | TRK TRACTOR 5-TON        | M932 W/W   | X59463 | 2320010478752 | BTB | X           |                       |               | X                 |                 | X               | X              |
|     | TRK TRACTOR 5-TON        | M931       | X59326 | 2320010478753 | BTE | X           |                       |               | X                 |                 | X               | X              |
|     | TRK WRECKER 5-TON        | M936 W/W   | X63299 | 2320010478754 | BTF | X           |                       |               | X                 |                 | X               | X              |
|     | TRK DUMP 5-TON           | M930       | X43845 | 2320010478755 | BTG | X           |                       |               | X                 |                 | X               | X              |
|     | TRK DUMP 5-TON           | M929       | X43708 | 2320010478756 | BTH | X           |                       |               | X                 |                 | X               | X              |
|     | TRK TRACTOR 5-TON        | M878A1     | T60353 | 2320011212102 | BTL | X           |                       |               | X                 |                 | X               | X              |
|     | TRK VAN EXP 5-TON        | M934A1     | X62237 | 2320012052682 | BS4 | X           |                       |               | X                 |                 | X               | X              |
|     | TRK VAN EXP 5-TON        | M935A1     | X62271 | 2320012052683 | BS5 | X           |                       |               | X                 |                 | X               | X              |
|     | TRK TRACTOR 5-TON        | M932A1 W/W | X59463 | 2320012052684 | BS3 | X           |                       |               | X                 |                 | X               | X              |
|     | TRK TRACTOR 5-TON        | M931A1     | X59326 | 2320012064077 | BS2 | X           |                       |               | X                 |                 | X               | X              |
|     | TRK WRECKER 5-TON        | M936A1     | X63299 | 2320012064078 | BS6 | X           |                       |               | X                 |                 | X               | X              |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                 | MODEL       | LIN    | NSN            | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|----------------------|-------------|--------|----------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | TRK WRECKER 5-TON    | M929A1 WO/W | X43708 | 2320012064079  | BSY | X           |                       |               | X                 |                 | X               | X              |
|     | TRK DUMP 5-TON       | M930A1 W/W  | X43845 | 2320012064080  | BSZ | X           |                       |               | X                 |                 | X               | X              |
|     | TRK VAN EXP 5-TON    | M935A2      | X62271 | 2320012300301  | BTS | X           |                       |               | X                 |                 | X               | X              |
|     | TRK TRACTOR 5-TON    | M931A2 WO/W | X59326 | 2320012300302  | BTP | X           |                       |               | X                 |                 | X               | X              |
|     | TRK TRACTOR 5-TON    | M932A2 W/W  | X59463 | 2320012300303  | BTQ | X           |                       |               | X                 |                 | X               | X              |
|     | TRK WRECKER 5-TON    | M936A2      | X63299 | 2320012300304  | BTT | X           |                       |               | X                 |                 | X               | X              |
|     | TRK DUMP 5-TON       | M929A2 WO/W | X43708 | 2320012300305  | BTN | X           |                       |               | X                 |                 | X               | X              |
|     | TRK DUMP 5-TON       | M930A2 W/W  | X43845 | 2320012300306  | BTO | X           |                       |               | X                 |                 | X               | X              |
|     | HK TRUCKS, 8 TON     |             |        |                |     |             |                       |               |                   |                 |                 |                |
|     | TRUCK CARGO 8-TON    | M520        | X41615 | 2320001911310  | B3A | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 8-TON    | M520 W/W    | X41653 | 2320008735422  | B3D | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 8-TON    | M877 W/W    | X41635 | 2320010104956  | B3F | X X         |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 8-TON    | M877        | X41633 | 2320010104957  | B3G | X           |                       |               | X                 |                 | X               | X              |
|     | HL TRUCKS, 10-TON    |             |        |                |     |             |                       |               |                   |                 |                 |                |
|     | TRUCK CARGO 10-TON   | M125        | X41790 | 2320002197340  | *** | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK TRACTOR 10-TON | M123A1CW/WN | X59874 | 2320002266081  | BZC | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK TRACTOR 10-TON | M123C W/W   | X59874 | 2320002949552  | BZA | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK TANK FS 10-TON | M559        | X58078 | 2320004457250  | B3B | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK TANK FS 10-TON | M559 W/W    | X58093 | 2320009735420  | B3C | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK WRECKER 10-TON | M553        | X63436 | 2320008735426  | B3E | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK TRACTOR 10-TON | M123E2 W/W  | X59874 | 2320008796177  | BZD | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 10-TON   | NONE        | NO-LIN | 2320008925377  | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK TRACTOR 10-TON | NONE        | NO-LIN | 2320010769351  | *** | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK TRACTOR 10-TON | M983 W/W    | T88677 | 2320010970247  | B2A | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK WRECKER 10-TON | M984 W/W    | T63093 | 2320010970248  | B2B | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK TANK FS 10-TON | M978 W/W    | T58161 | 2320010970249  | B2C | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 10-TON   | M977 W/W    | T39518 | 2320010970260  | B2D | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 10-TON   | M985 W/W    | T39654 | 2320010970261  | B2E | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK TRACTOR 10-TON | M983 W/W    | T59117 | 2320010996421  | B2F | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 10-TON   | M977        | T59278 | 2320010996426  | B2G | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK TANK FS 10-TON | M978        | T87243 | 2320011007672  | B2H | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 10-TON   | M985        | T39586 | 2320011607673  | B2J | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK CARGO 10-TON   | M985E1      | T41721 | 23260011947032 | B2K | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK WRECKER 10-TON | M984A1 W/W  | T63093 | 2320011957641  | B2L | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK WRECKER 10-TON | M1001       | T88745 | 2320121915422  | BZE | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK WRECKER 10-TON | M1002       | T94641 | 2320121915423  | BZF | X           |                       |               | X                 |                 | X               | X              |
|     | TRUCK TRACTOR 10-TON | M1013       | NO-LIN | 2320121915424  | *** | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK WRECKER 10-TON | M1014       | NO-LIN | 2320121915425  | *** | X           |                       |               | X                 | X               |                 | X              |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                     | MODEL     | LIN    | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|--------------------------|-----------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | HM TRUCKS, 12 TO 25 TONS |           |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRK MAINT TELE           | M876      | T53858 | 2320000000114 | BHA | X           |                       |               | X                 |                 | X               | X              |
|     | TRK TRACTOR HET          | M746      | X60967 | 2320000897264 | B5A | X           |                       |               | X                 |                 | X               | X              |
|     | TRK TRACTOR HET          | M911      | T61035 | 2320010253733 | B5B | X           |                       |               | X                 |                 | X               | X              |
|     | TRK TRACTOR LINE HAUL    | M915      | T61103 | 2320010284395 | B4A | X           |                       |               | X                 |                 | X               | X              |
|     | TRK TRACTOR LET          | M916      | T91656 | 2320010284396 | B4C | X           |                       |               | X                 |                 | X               | X              |
|     | TRK TRACTOR MET          | M920      | T61171 | 2320010284397 | B4D | X           |                       |               | X                 |                 | X               | X              |
|     | TRK TRACTOR LINE HAUL    | M915A1    | T61103 | 2320011252640 | B4B | X           |                       |               | X                 |                 | X               | X              |
|     | TRK TRACTOR              | XM916A1   | T91656 | 2320012725028 | B4F | X           |                       |               | X                 |                 | X               | X              |
|     | TRK TRACTOR              | M915A2    | T61103 | 2320012725029 | B4E | X           |                       |               | X                 |                 | X               | X              |
|     | TRK CGO HVY PLS W/ MHE   | M1074     | T41067 | 2320013042277 | B4G | X           |                       |               | X                 |                 |                 | X              |
|     | TRK CARGO HVY PLS        | M1075     | T40999 | 2320013042278 | B4H | X           |                       |               | X                 |                 |                 | X              |
|     | TRK TRACTOR HET SYS      | M1070     | NO-LIN | 2320013189902 | B5C | X           |                       |               | X                 | X               |                 | X              |
|     | HQ ARMORED CARS          |           |        |               |     |             |                       |               |                   |                 |                 |                |
|     | CAR ARMD LT 4x4 W/E      | M706      | D06124 | 2320001682620 | ALJ | X           |                       |               | X                 |                 |                 |                |
|     | HS SEMI-TRAILERS         |           |        |               |     |             |                       |               |                   |                 |                 |                |
|     | STLR VAN                 | M373A2C   | NO-LIN | 2320006727496 | *** | X           |                       |               | X                 |                 |                 |                |
|     | STLR STAKE (12T)         | M127A1    | S72024 | 2330000487743 | CVA | X           |                       |               | X                 |                 |                 |                |
|     | STLR LOW BED             | XM674     | NO-LIN | 2330000668872 | *** | X           |                       |               | X                 |                 |                 |                |
|     | STLR LB (HET-60T)        | M747      | S70661 | 2330000897265 | CFA | X           |                       |               | X                 |                 |                 |                |
|     | STLR LB (22 1/2T)        | M871      | S70027 | 2330001226779 | CVB | X           |                       |               | X                 |                 |                 |                |
|     | STLR LB (40T)            | M870      | S70594 | 2330001331731 | CFB | X           |                       |               | X                 |                 |                 |                |
|     | STLR LOW BED             | V-398/MSA | S70877 | 2330001573135 | L5Z | X           |                       |               | X                 |                 |                 |                |
|     | STLR LB (HET-55T)        | M524E2    | S70654 | 2330002265770 | CXS | X           |                       |               | X                 |                 |                 |                |
|     | STLR TANK FUEL (12T)     | M131A5    | S72846 | 2330002266079 | CVL | X           |                       |               | X                 |                 |                 |                |
|     | STLR TANK FUEL (12T)     | M131A5C   | S72983 | 2330002266080 | CVM | X           |                       |               | X                 |                 |                 |                |
|     | STLR REFRIG (7 1/2T)     | QST-120   | S71613 | 2330002558065 | VRQ | X           |                       |               | X                 |                 |                 |                |
|     | STLR REFRIG (7 1/2T)     | M349A1    | S71613 | 2330002896798 | VRS | X           |                       |               | X                 |                 |                 |                |
|     | STLR LB WRECKER (12T)    | M270A1    | S70243 | 2330002897515 | CVG | X           |                       |               | X                 |                 |                 |                |
|     | STLR LOW BED (25T)       | M172A1    | S70517 | 2330003176448 | CFD | X           |                       |               | X                 |                 |                 |                |
|     | STLR LB WRECKER (12T)    | M270      | S70243 | 2330003951877 | CVJ | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN                 | M447      | NO-LIN | 2330004279999 | CHY | X           |                       |               | X                 |                 |                 |                |
|     | STLR TANK TRANS (50T)    | M15A2     | S73394 | 2330005082533 | CXR | X           |                       |               | X                 |                 |                 |                |
|     | STLR TANK FUEL (12T)     | M131A3C   | S72846 | 2330005333380 | CVN | X           |                       |               | X                 |                 |                 |                |
|     | STLR LB WRECKER (12T)    | M269      | S70106 | 2330005422980 | CVK | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN                 | M447      | NO-LIN | 2330005425709 | CHZ | X           |                       |               | X                 |                 |                 |                |
|     | STLR REFRIG (7 1/2T)     | M349A1    | S71613 | 2330005548676 | VRU | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN SHOP (6T)       | M146      | S75038 | 2330005699372 | CHJ | X           |                       |               | X                 |                 |                 |                |
|     | STLR STAKE (6T)          | M118A1    | S71887 | 2330005726221 | CHB | X           |                       |               | X                 |                 |                 |                |
|     | STLR TANK FUEL (12T)     | M131A2    | S72846 | 2330005747964 | CVP | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN STORAGE (6T)    | M749      | S74832 | 2330005872454 | CRA | X           |                       |               | X                 |                 |                 |                |
|     | STLR MAINT MACH (12T)    | NONE      | S71339 | 2330006500203 | CV7 | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN ELECT (3-6T)    | M348A2    | S74216 | 2330006783838 | CHF | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN CARGO (6T)      | M119A1    | S73531 | 2330006795582 | CHG | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN                 | M348A2C   | NO-LIN | 2330006907724 | *** | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN                 | M348A2D   | NO-LIN | 2330006907725 | *** | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN                 | M348A2F   | NO-LIN | 2330006907726 | *** | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN ELECT (3-6T)    | M373A2    | S74353 | 2330007058932 | CHH | X           |                       |               | X                 |                 |                 |                |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                  | MODEL    | LIN    | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|-----------------------|----------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | STLR LOW BED (25T)    | M172     | S70517 | 2330007359326 | CV9 | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN              | M348A2K  | NO-LIN | 2330007402322 | *** | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN              | M348A2N  | NO-LIN | 2330007402329 | *** | X           |                       |               | X                 |                 |                 |                |
|     | STLR STAKE (12T)      | M127A1C  | S72024 | 2330007529750 | CVD | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN CARGO (12T)  | M128A1C  | S74079 | 2330007529751 | CV6 | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN SUPPLY (12T) | M129A1C  | S75175 | 2330007529752 | CWA | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN EXP (6T)     | M313     | S74490 | 2330007725273 | CHW | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN              | NONE     | NO-LIN | 2330007817755 | *** | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN SUPPLY (12T) | M129A2C  | S75175 | 2330007886289 | CV2 | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN CARGO (12T)  | M128A2C  | S74079 | 2330007886296 | CV3 | X           |                       |               | X                 |                 |                 |                |
|     | STLR STAKE (12T)      | M127A1C  | S72024 | 2330007886299 | CVE | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN REFRIG       | M349A3   | NO-LIN | 2330007887263 | *** | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN              | M348A2G  | NO-LIN | 2330007977405 | *** | X           |                       |               | X                 |                 |                 |                |
|     | STLR STAKE (12T)      | M127     | S72024 | 2330007979207 | CVF | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN              | NONE     | NO-LIN | 2330008298619 | *** | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN CARGO (6T)   | M119     | S73531 | 2330008358122 | CHN | X           |                       |               | X                 |                 |                 |                |
|     | STLR STAKE            | NONE     | NO-LIN | 2330008358123 | *** | X           |                       |               | X                 |                 |                 |                |
|     | STLR REFRIG (7 1/2T)  | M349A3   | S71613 | 2330008925057 | VRV | X           |                       |               | X                 |                 |                 |                |
|     | STLR REFRIG           | M349A4   | NO-LIN | 2330009260900 | *** | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN STORAGE (6T) | M750     | S74832 | 2330009267035 | CHX |             |                       | X             |                   |                 |                 |                |
|     | STLR SWITCHBOARD      | XM739    | NO-LIN | 2330009300024 | *** | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN              | M348A2H  | NO-LIN | 2330009731262 | *** | X           |                       |               | X                 |                 |                 |                |
|     | STLR REFRIG (7 1/2T)  | M349A1   | S71613 | 2330009732230 | VRV | X           |                       |               | X                 |                 |                 |                |
|     | STLR TANK FUEL (12T)  | M131A4C  | S72983 | 2330009949458 | CVR | X           |                       |               | X                 |                 |                 |                |
|     | STLR TANK FUEL (12T)  | M131A4   | S72846 | 2330009949459 | CVS | X           |                       |               | X                 |                 |                 |                |
|     | STLR REFRIG (7 1/2T)  | 4A943-60 | S71613 | 2330009993591 | VRZ | X           |                       |               | X                 |                 |                 |                |
|     | STLR TELE             | XM738    | NO-LIN | 2330009993893 | *** | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN              | XM913    | NO-LIN | 2330010104954 | *** | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN              | XM912    | NO-LIN | 2330010137764 | *** | X           |                       |               | X                 |                 |                 |                |
|     | STLR FLAT BED (34T)   | M872     | S70159 | 2330010398095 | CFE | X           |                       |               | X                 |                 |                 |                |
|     | STLR TANK FUEL        | M967     | S10059 | 2330010505632 | CVT | X           |                       |               | X                 |                 |                 |                |
|     | STLR TANK FUEL        | M969     | S73372 | 2330010505634 | CVU | X           |                       |               | X                 |                 |                 |                |
|     | STLR TANK FUEL        | M970     | S10127 | 2330010505635 | CVV | X           |                       |               | X                 |                 |                 |                |
|     | STLR                  | XM971    | NO-LIN | 2330010508810 | C4Y | X           |                       |               | X                 |                 |                 |                |
|     | STLR                  | M860     | NO-LIN | 2330010549771 | *** | X           |                       |               | X                 |                 |                 |                |
|     | STLR                  | M976     | NO-LIN | 2330010876340 | MND | X           |                       |               | X                 |                 |                 |                |
|     | STLR FLAT BED (34T)   | M872A1   | S70159 | 2330011098006 | CFF | X           |                       |               | X                 |                 |                 |                |
|     | STLR TANK FLAM CHEM   | NONE     | S72256 | 2330011126564 | C4K | X           |                       |               | X                 |                 |                 |                |
|     | STLR LOW BED          | M860A1   | NO-LIN | 2330011173280 | *** | X           |                       |               | X                 |                 |                 |                |
|     | STLR FLAT BED         | NONE     | S69977 | 2330011173306 | *** | X           |                       |               | X                 |                 |                 |                |
|     | STLR FLAT BED (34T)   | M872A2   | S70159 | 2330011195837 | CFG | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN              | XM971 E1 | NO-LIN | 2330011367663 | C4Z | X           |                       |               | X                 |                 |                 |                |
|     | STLR FLAT BED (34T)   | M872A3   | S70159 | 2330011421385 | CFH | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN              | XM991E1  | NO-LIN | 2330011450363 | C5H | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN              | XM995E1  | NO-LIN | 2330011450364 | C48 | X           |                       |               | X                 |                 |                 |                |
|     | STLR TANK FUEL        | M967A1   | S10059 | 2330011550046 | CVW | X           |                       |               | X                 |                 |                 |                |
|     | STLR TANK FUEL        | M970A1   | S10127 | 2330011550047 | CVX |             |                       | X             |                   |                 |                 |                |
|     | STLR TANK FUEL        | M969A1   | S73372 | 2330011550048 | CVY | X           |                       |               | X                 |                 |                 |                |
|     | STLR TNK SLUDGE DISP  | NONE     | S73325 | 2330011589213 | C4T | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN              | XM971E2  | NO-LIN | 2330011635025 | C42 | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN SUPPLY (12T) | M129A3   | S75175 | 2330011757379 | CWB | X           |                       |               | X                 |                 |                 |                |
|     | STLR LOW BED          | M870A1   | S70594 | 2330012249245 | CFC | X           |                       |               | X                 |                 |                 |                |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                   | MODEL       | LIN    | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|------------------------|-------------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | STLR CARGO             | M871A1      | NO-LIN | 2330012260701 | CWY | X           |                       |               | X                 |                 |                 |                |
|     | STLR TANK PETROLEUM    | M1062       | S73119 | 2330012757475 | C4V | X           |                       |               | X                 |                 |                 |                |
|     | STLR STAKE             | M872A2      | S70027 | 2330012943367 | CVZ | X           |                       |               | X                 |                 |                 |                |
|     | STLR TANK WATER        | M1000       | Z65946 | 2330013038832 | *** | X           |                       |               | X                 |                 |                 |                |
|     | STLR TANKER WATER      | XM1098      | Z66072 | 2330013302779 | C5G | X           |                       |               | X                 |                 |                 |                |
|     | STLR TRNR ARMD VEH     | M1          | T05375 | 6920011793134 | 3BN | X           |                       |               | X                 |                 |                 |                |
|     | STLR TRNR ARMD VEH     | M2/M3       | T05443 | 6920011793135 | 4WS | X           |                       |               | X                 |                 |                 |                |
|     | HT TRAILERS            |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRLR ACFT MAINT        | NONE        | W93995 | 1730004357818 | UAY | X           |                       |               | X                 |                 |                 |                |
|     | ARMBL                  |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRLR ACFT MAINT        | NONE        | W93995 | 1730010861653 | UAC | X           |                       |               | X                 |                 |                 |                |
|     | ARMBL                  |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRLR BOLSTER GP (4T)   | M796        | W94536 | 2330000893866 | CNC | X           |                       |               | X                 |                 |                 |                |
|     | TRLR FLAT BED          | M795        | NO-LIN | 2330000894321 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRLR TNK WTR (1 1/2T)  | M107A2      | W98825 | 2330001418049 | CEB | X           |                       |               | X                 |                 |                 |                |
|     | TRLR CARGO (1 1/2T)    | M105A2      | W95811 | 2330001418050 | CEC | X           |                       |               | X                 |                 |                 |                |
|     | TRLR BOLSTER (3 1/2T)  | M271A1      | W94578 | 2330001418302 | CND | X           |                       |               | X                 |                 |                 |                |
|     | TRLR FLAT BED (10T)    | M345        | W96907 | 2330002001737 | CAJ | X           |                       |               | X                 |                 |                 |                |
|     | TRLR AMMO (1 1/2T)     | M332        | W94030 | 2330002001785 | CEK | X           |                       |               | X                 |                 |                 |                |
|     | TRLR MAINT TELE (1/4T) | M367        | W97729 | 2330002154211 | CCK | X           |                       |               | X                 |                 |                 |                |
|     | TRLR CARGO             | M105E2      | NO-LIN | 2330002197344 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRLR CARGO (1 1/2T)    | M105        | W95811 | 2330002779337 | CED | X           |                       |               | X                 |                 |                 |                |
|     | TRLR FLAT BED (10T)    | NONE        | W96907 | 2330003770389 | CAB | X           |                       |               | X                 |                 |                 |                |
|     | TRLR CBL REEL (3 1/2T) | M310V120-GT | W95263 | 2330003951878 | CNE | X           |                       |               | X                 |                 |                 |                |
|     | TRLR LOW BED (8T)      | MIL-T-62057 | W97455 | 2330004070662 | CKL | X           |                       |               | X                 |                 |                 |                |
|     | TRLR BOLSTER (3 1/2T)  | M271 V13/GT | W94578 | 2330004077904 | CNG | X           |                       |               | X                 |                 |                 |                |
|     | TRLR TNK WTR (1 1/2T)  | M149        | W98825 | 2330005422039 | CEE | X           |                       |               | X                 |                 |                 |                |
|     | TRLR VAN               | NONE        | NO-LIN | 2330005690781 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRLR                   | NONE        | NO-LIN | 2330006295913 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRLR BAS UTIL (2 1/2T) | NONE        | W94441 | 2330006978102 | CMC | X           |                       |               | X                 |                 |                 |                |
|     | TRLR CARGO (1/4T)      | M416        | W95400 | 2330007065495 | CCB | X           |                       |               | X                 |                 |                 |                |
|     | TRLR CARGO (1/4T)      | M-100       | W95400 | 2330007328227 | CCA | X           |                       |               | X                 |                 |                 |                |
|     | TRLR CARGO (3/4T)      | M101        | W95537 | 2330007389509 | CDA | X           |                       |               | X                 |                 |                 |                |
|     | TRLR TANK WATER        | M106        | NO-LIN | 2330007540508 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRLR LOW BED           | M529        | NO-LIN | 2330007800801 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRLR LOW BED (8T)      | KS-8FW      | W97455 | 2330007826053 | CKM | X           |                       |               | X                 |                 |                 |                |
|     | TRLR MAINT TELE (1/4T) | M716        | W97729 | 2330007826062 | CCC | X           |                       |               | X                 |                 |                 |                |
|     | TRLR TNK WTR (1 1/2T)  | M149A1      | W98825 | 2330008328801 | CEF | X           |                       |               | X                 |                 |                 |                |
|     | TRLR BOLSTER (3 1/2T)  | M271 V13/GT | W94678 | 2330008342167 | CNH | X           |                       |               | X                 |                 |                 |                |
|     | TRLR CARGO             | M7          | NO-LIN | 2330008358166 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRLR TNK WTR (1 1/2T)  | M107        | W98825 | 2330008358540 | CEG | X           |                       |               | X                 |                 |                 |                |
|     | TRLR CARGO             | M104A1      | NO-LIN | 2330008358630 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRLR CARGO (1 1/2T)    | M105A1      | W95811 | 2330008358631 | CEH | X           |                       |               | X                 |                 |                 |                |
|     | TRLR TANK WATER        | M106A1      | NO-LIN | 2330008358632 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRLR TNK WTR (1 1/2T)  | M107A1      | W98825 | 2330008358633 | CEJ | X           |                       |               | X                 |                 |                 |                |
|     | TRLR VAN               | XM581       | NO-LIN | 2330008566625 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRLR VAN               | NONE        | NO-LIN | 2330008921974 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRLR CARGO (3/4T)      | M101A1      | W95537 | 2330008986779 | CDC | X           |                       |               | X                 |                 |                 |                |
|     | TRLR BOLSTER (9T)      | GPT 28      | W94852 | 2330009267157 | CPT | X           |                       |               | X                 |                 |                 |                |
|     | TRLR FLAT BED (6T)     | XM789       | W96701 | 2330009354450 | CPD | X           |                       |               | X                 |                 |                 |                |
|     | TRLR MAINT             | NONE        | NO-LIN | 2330009835354 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRLR CARGO (1/4T)      | M416A1      | W95400 | 2330010462855 | CCD | X           |                       |               | X                 |                 |                 |                |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                      | MODEL       | LIN    | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|---------------------------|-------------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | TRLR FLAT BED (15T)       | HYS HP      | T96975 | 2330010608141 | C3C | X           |                       |               | X                 |                 |                 |                |
|     | TRLR SEMI VAN ELEC        | AN/MSQ-114  | NO-LIN | 2330010777832 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRLR CARGO (3/4T)         | M101A2      | W95537 | 2330011024697 | CDB | X           |                       |               | X                 |                 |                 |                |
|     | TRLR TNK WTR (1 1/2T)     | M149A2      | W98825 | 2330011087367 | CEA | X           |                       |               | X                 |                 |                 |                |
|     | TRLR FLAT BED (11T)       | M989        | T45465 | 2330011094258 | CAA | X           |                       |               | X                 |                 |                 |                |
|     | TRLR BOLSTER GP (4T)      | M796A1      | W94536 | 2330011375116 | CNA | X           |                       |               | X                 |                 |                 |                |
|     | TRLR VAN (PRTRO LAB)      | XM822E1     | NO-LIN | 2330011620642 | C4X | X           |                       |               | X                 |                 |                 |                |
|     | TRLR VAN AUDIO TEST       | NONE        | T99088 | 2330011769358 | C83 | X           |                       |               | X                 |                 |                 |                |
|     | TRLR FLAT BED (11T)       | M1061A1     | T96883 | 2330012073533 | C98 | X           |                       |               | X                 |                 |                 |                |
|     | TRLR FLAT BED (11T)       | M989A1      | Z90962 | 2330012757474 | CAG | X           |                       |               | X                 |                 |                 |                |
|     | TRLR PALLETIZED           | M1076       | T93761 | 2330013035197 | C9C | X           |                       |               | X                 |                 |                 |                |
|     | TRLR PLATFORM             | W98270      | W98270 | 3920008561342 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRLR PLATFORM WHSE        | MIL-T-17479 | W98270 | 3920008561342 | *** | X           |                       |               | X                 |                 |                 |                |
|     | HU TRUCKS, CHASSIS        |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRUCK CHASSIS             | M809        | NO-LIN | 2320000508842 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS             | M809A1      | NO-LIN | 2320000508941 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS             | M811        | NO-LIN | 2320000508985 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS             | M811        | NO-LIN | 2320000508986 | BRN | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS             | M812        | NO-LIN | 2320000509011 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS             | M812        | NO-LIN | 2320000509040 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS             | M810        | NO-LIN | 2320000510586 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS             | M45A2       | NO-LIN | 2320000771622 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS             | M45A2       | NO-LIN | 2320000771623 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS             | M46A2       | NO-LIN | 2320000771628 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS             | M46A2C      | NO-LIN | 2320000771630 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS             | M887        | NO-LIN | 2320005799080 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS             | M724        | NO-LIN | 2320009216368 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS             | XM940       | NO-LIN | 2320010478743 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS             | M945W/W     | NO-LIN | 2320010504894 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS             | M1031       | NO-LIN | 2320011335368 | BBL | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS             | M942A1 W/W  | NO-LIN | 2320012052665 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS             | M942A1      | NO-LIN | 2320012052666 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS             | M942A1      | NO-LIN | 2320012052667 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS             | M942A2 W/W  | NO-LIN | 2320012300287 | BTU | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS             | M944A2      | NO-LIN | 2320012300288 | BTW | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS             | M942A2      | NO-LIN | 2320012300289 | BTV | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS             | M945A2      | NO-LIN | 2320012303261 | BTX | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS             | M1080       | Z40617 | 2320013539098 | BHC | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS             | M1092       | Z93881 | 2320013543382 | BRZ | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK CHASSIS, LWB        | M1096       | Z93813 | 2320013544527 | BR6 | X           |                       |               | X                 |                 |                 |                |
|     | HW TRAILERS, CHASSIS(ALL) |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | CHASSIS STLR MILVAN       | NONE        | E02395 | 2330001682259 | CV4 | X           |                       |               |                   |                 | X               |                |
|     | HY DOLLIES                |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | DOLLY SET (5 1/4 T)       | M832        | G34815 | 2330002214939 | CPB | X           |                       |               |                   |                 | X               |                |
|     | DOLLY SET (5 1/4T)        | M689        | G34815 | 2330002266076 | CPC | X           |                       |               |                   |                 | X               |                |
|     | DOLLY SET                 | XM829       | NO-LIN | 2330004840861 | *** | X           |                       |               |                   |                 | X               |                |
|     | DOLLY TRLR CONVT (8T)     | M198A1      | G35226 | 2330005637248 | CQB | X           |                       |               |                   |                 | X               |                |
|     | DOLLY TRLR CONVT (6T)     | M197A1      | G35089 | 2330005690782 | CHA | X           |                       |               |                   |                 | X               |                |
|     | DOLLY SET (3T)            | M720        | G34805 | 2330009124251 | CME | X           |                       |               |                   |                 | X               |                |
|     | DOLLY SET (MUST)          | M840        | G34741 | 2330009371175 | CMF | X           |                       |               |                   |                 | X               |                |
|     | DOLLY SET CONVERTOR       | NONE        | NO-LIN | 2330010093360 | *** | X           |                       |               |                   |                 | X               |                |
|     | DOLLY SET (7 1/2T)        | M1022       | D34883 | 2330011677262 | CYC | X           |                       |               |                   |                 | X               |                |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                                        | MODEL       | LIN     | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|---------------------------------------------|-------------|---------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
| J   | COMMUNICATION AND ELECTRONIC EQUIPMENT      |             |         |               |     |             |                       |               |                   |                 |                 |                |
|     | JE SPECIAL USE INTELLIGENCE EQUIPMENT       |             |         |               |     |             |                       |               |                   |                 |                 |                |
|     | TACT IMAG INTERP FAC                        | AN/TSQ-43   | V08844  | 5895002531513 | ISC | X           |                       |               |                   |                 |                 | X              |
|     | JP RADAR                                    |             |         |               |     |             |                       |               |                   |                 |                 |                |
|     | RADAR SET                                   | AN/MPQ-4    | Q1 5414 | 5840005430759 | IAJ | X           |                       |               |                   |                 |                 | X              |
|     | JS OPERATION CENTRAL COMMUNICATIONS         |             |         |               |     |             |                       |               |                   |                 |                 |                |
|     | DATA ANALYSIS CEN-                          | OL-86/MYK-8 | F77651  | 58M010190279  | HP7 | X           |                       |               |                   |                 |                 | X              |
|     | TRAL                                        |             |         |               |     |             |                       |               |                   |                 |                 |                |
|     | DATA STORAGE GROUP                          | OL-89/MYK-8 | F77918  | 7025010088928 | HON | X           |                       |               |                   |                 |                 | X              |
|     | JU RECEIVERS                                |             |         |               |     |             |                       |               |                   |                 |                 |                |
|     | RECEIVING SET SPEC1                         | MSQ-103B    | R60111  | 5811012208461 | L5J | X           |                       |               |                   |                 |                 | X              |
|     | JX ANCILLARY EQUIPMENT                      |             |         |               |     |             |                       |               |                   |                 |                 |                |
|     | COMM RESTORE POW                            | NONE        | NO-LIN  | 5811011757133 | *** | X           |                       |               |                   |                 |                 | X              |
|     | SYS                                         |             |         |               |     |             |                       |               |                   |                 |                 |                |
|     | SYS POWER DISTR                             | NONE        | Z16417  | 5811011763877 | *** | X           |                       |               |                   |                 |                 | X              |
|     | JY DIGITAL COMPUTER SYSTEMS                 |             |         |               |     |             |                       |               |                   |                 |                 |                |
|     | DATA PROCESSING SYS                         | AN/MYQ-4    | D78075  | 7010010906819 | HPS | X           |                       |               |                   |                 |                 | X              |
|     | DATA PROCESSING SYS                         | AN/MYQ-4A   | D78325  | 7010011585397 | HYB | X           |                       |               |                   |                 |                 | X              |
|     | JZ TOOLS & TEST EQUIP/TRAINING AIDS/DEVICES |             |         |               |     |             |                       |               |                   |                 |                 |                |
|     | CRPST-M                                     | NONE        | NO-LIN  | 5811011757133 | *** | X           |                       |               |                   |                 |                 | X              |
| K   | ELECTRONIC TEST EQUIPMENT                   |             |         |               |     |             |                       |               |                   |                 |                 |                |
|     | KK CHARGERS                                 |             |         |               |     |             |                       |               |                   |                 |                 |                |
|     | BATTERY CHARGER                             | PP-4884     | NO-LIN  | 6130000871528 | *** | X           |                       |               | X                 |                 |                 |                |
|     | KY MISCELLANEOUS SUPPORT EQUIPMENT          |             |         |               |     |             |                       |               |                   |                 |                 |                |
|     | TEST SUPPORT EQUIP                          | AN/TSM-1 73 | T00172  | 4920011994038 | *** | X           |                       |               | X                 |                 |                 |                |
|     | ENVIRONMTEST CHAM-                          | NONE        | H11867  | 6636006210825 | *** | X           |                       |               | X                 |                 |                 |                |
|     | BER                                         |             |         |               |     |             |                       |               |                   |                 |                 |                |
| L   | FLOATING EQUIPMENT                          |             |         |               |     |             |                       |               |                   |                 |                 |                |
|     | LA BARGES                                   |             |         |               |     |             |                       |               |                   |                 |                 |                |
|     | BARGE (LIQUID CARGO)                        | 231B        |         | 1930003752972 | *** | X           |                       |               | X                 | X               |                 |                |
|     | BARGE PIER DELONG                           | DSN 7029    |         | 1945009997899 | WAT | X           |                       |               | X                 | X               |                 |                |
|     | BARGE PIER DELONG                           | DSN 7028    |         | 1945009997900 | WAU | X           |                       |               | X                 | X               |                 |                |
|     | LB BOATS, BRIDGING                          |             |         |               |     |             |                       |               |                   |                 |                 |                |
|     | BOAT BRIDGE ERECTION                        | T-15        | B83582  | 1940003554469 | XJA |             |                       |               | X                 | X               |                 |                |
|     | BOAT BRIDGE ERECTION                        | NONE        | B83582  | 1940004170526 | XJC |             |                       |               | X                 | X               |                 |                |
|     | BOAT BRIDGE ERECTION                        | MDL 27      | B83582  | 1940005260207 | XJD |             |                       |               | X                 | X               |                 |                |
|     | BOAT BRIDGE ERECTION                        | MRNT MD 27  | B83582  | 1940007106649 | XJF |             |                       |               | X                 | X               |                 |                |
|     | BOAT BRIDGE ERECTION                        | HI-WAY MDL  | B83582  | 1940008094472 | XJG |             |                       |               | X                 | X               |                 |                |
|     | BOAT BRIDGE ERECTION                        | HP127C      | B83582  | 1940009150079 | XJH |             |                       |               | X                 | X               |                 |                |
|     | BOAT BRIDGE ERECTION                        | USCCBMK1    | B25476  | 1940011055728 | XJI |             |                       |               | X                 | X               |                 |                |
|     | BOAT BRIDGE ERECTION                        | USCSBMK2    | B25476  | 1940012189165 | XJJ |             |                       |               | X                 | X               |                 |                |
|     | LC BOATS, PASSENGER, PICKETS AND UTILITY    |             |         |               |     |             |                       |               |                   |                 |                 |                |
|     | BOAT JON ALUMINUM                           | NONE        | B84043  | 1940010894486 | *** | X           |                       |               | X                 |                 |                 |                |
|     | BOAT SEMI-VEE ALUM                          | NONE        | B84692  | 1940010894487 | *** | X           |                       |               | X                 |                 |                 |                |
|     | CANOE ALUM                                  | NONE        | C94690  | 1940010894488 | *** | X           |                       |               | X                 |                 |                 |                |
|     | LD LANDING CRAFTS                           |             |         |               |     |             |                       |               |                   |                 |                 |                |
|     | LANDING CRAFT UTILITY                       | LCU 1646M   | L36876  | 1905010091056 | WAV |             |                       |               | X                 | X               |                 |                |
|     | LANDING CRAFT UTILITY                       | LCU 1466A   | L36876  | 1905010316077 | WAV |             |                       |               | X                 |                 |                 | X              |
|     | LANDING CRAFT UTILITY                       | MDL2000     | L36989  | 1905011541191 | WBS |             |                       |               | X                 | X               |                 |                |
|     | LANDING CRAFT UTILTIY                       | LCU 1646    | L36876  | 1905011685764 | WAA |             |                       |               | X                 | X               |                 |                |
|     | LIGHTER BEACH DISCH                         | MKI-D-5002  | L67645  | 1930007059230 | WBE |             |                       |               | X                 | X               |                 |                |
|     | BOAT LANT INFLAT                            | NONE        | B83856  | 1940005405609 | XAI | X           |                       |               | X                 | X               |                 |                |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                   | MODEL                            | LIN          | NSN           | EIC           | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|------------------------|----------------------------------|--------------|---------------|---------------|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | LE                     | TUGS                             |              |               |               |             |                       |               |                   |                 |                 |                |
|     | TUG                    | 1200-1530 HP                     | DSN 377A     | X71046        | 1925002161845 | WAQ         |                       |               | X                 | X               |                 |                |
|     | TUG                    | 200 HP                           | DSN 320      | NO-LIN        | 1925003753001 | WAK         |                       |               | X                 | X               |                 |                |
|     | TUG                    | 600-650 HP                       | DSN 3004     | X70909        | 1925003753002 | WAL         |                       |               | X                 | X               |                 |                |
|     | TUG                    | 1200-1530 HP                     | DSN 3006     | X71046        | 1925003753003 | WAM         |                       |               | X                 | X               |                 |                |
|     | TUG                    | 200-440 HP                       | DSN 3013     | X70772        | 1925006515685 | WCJ         |                       |               | X                 | X               |                 |                |
|     | LF                     | VESSELS                          |              |               |               |             |                       |               |                   |                 |                 |                |
|     | VESSEL                 | LOGISTIC SPT                     | LSV-ND1      | V00426        | 1915011538801 | WAX         |                       |               | X                 | X               |                 |                |
|     | LG                     | PROPELLING UNITS, OUTBOARD       |              |               |               |             |                       |               |                   |                 |                 |                |
|     | PROPELLING UNIT        | DED                              | DSL 115 HP   | P78858        | 2010000283455 | WA6         |                       |               | X                 | X               |                 |                |
|     | PROPELLING UNIT        | DED                              | DSL 165 HP   | P78995        | 2010002780793 | WA7         |                       |               | X                 | X               |                 |                |
|     | PROPELLING UNIT        | DED                              | NA165-154SRP | P78995        | 2010004104442 | WAO         |                       |               | X                 | X               |                 |                |
|     | PROPELLING UNIT        | DED                              | TMOT-OD-250A | P78995        | 2110012512227 | WHD         |                       |               | X                 | X               |                 |                |
|     | LH                     | BARGE CRANES                     |              |               |               |             |                       |               |                   |                 |                 |                |
|     | CRANE BARGE            | 89-250T                          | 264          | F36090        | 1935001788205 | WBB         |                       |               | X                 | X               |                 |                |
|     | CRANE BARGE            | 250T                             | NONE         | F36090        | 1935002172302 | WBC         |                       |               | X                 | X               |                 |                |
|     | CRANE BARGE            | 100T                             | DSN 264B     | F36090        | 1935002646219 | WAC         |                       |               | X                 | X               |                 |                |
|     | CRANE BARGE            | 60T                              | DSN 413D     | F35953        | 1935002646220 | WAD         |                       |               | X                 | X               |                 |                |
|     | LJ                     | BOATS, TRAILERS                  |              |               |               |             |                       |               |                   |                 |                 |                |
|     | TRLR BOAT              | TRANS                            | NONE         | T94691        | 2330010920238 | C82         | X                     |               | X                 |                 |                 |                |
|     | TRLR BOAT              | TRANS                            | T94759       | T94759        | 3920010956915 | ***         | X                     |               | X                 |                 |                 |                |
|     | TRLR BOAT              | 4-WHEEL                          | W94500       | 3920011087363 | C8D           | X           |                       |               | X                 |                 |                 |                |
|     | LK                     | BOATS, RECREATIONAL              |              |               |               |             |                       |               |                   |                 |                 |                |
|     | BOAT                   | FIBERGLASS 16-FT                 | NONE         | NO-LIN        | 1940005527544 | ***         | X                     |               | X                 |                 |                 |                |
|     | BOAT                   | FLAT BOTTOM                      | MDL 2052     | B83793        | 1940010366831 | ***         | X                     |               | X                 |                 |                 |                |
|     | 20FT                   |                                  |              |               |               |             |                       |               |                   |                 |                 |                |
|     | LL                     | LIGHTER AMPHIBIOUS               |              |               |               |             |                       |               |                   |                 |                 |                |
|     | LIGHTER AMPH           | 60T-SP                           | LARC-LX      | L67508        | 1930003922981 | WAN         | X                     |               | X                 | X               |                 |                |
|     | LIGHTER AMPH           | 5T-SP                            | LARC         | L67234        | 1930007105728 | WAP         | X                     |               | X                 | X               |                 |                |
|     | LIGHTER AMPH           | 15T-SP                           | LARC-XV      | L67508        | 1930007105729 | WAR         | X                     |               | X                 | X               |                 |                |
|     | LIGHT                  | AIR CUSHION                      | LACV-30      | L66710        | 2305010616230 | WEA         | X                     |               | X                 | X               |                 |                |
|     | LM                     | TRANSPORT MOBILE ASSAULT BRIDGE  |              |               |               |             |                       |               |                   |                 |                 |                |
|     | SUPSTR INT BAY (MAB)   | NONE                             | NO-LIN       | 5420000178224 | ***           |             |                       |               | X                 |                 |                 |                |
|     | TRNSPTR BRIDGE         | FLOAT                            | NONE         | X23277        | 5420000715321 | XMA         | X                     |               | X                 |                 | X               |                |
|     | INTERIOR BAY           | BROG                             | NONE         | K97376        | 5420000715322 | XMB         |                       |               | X                 |                 |                 |                |
|     | FLO                    |                                  |              |               |               |             |                       |               |                   |                 |                 |                |
|     | SUPSTR END BAY (MAB)   | NONE                             | U58875       | 5420004916320 | XMD           |             |                       |               | X                 |                 |                 |                |
|     | SUPSTR TRNSPTR (MAB)   | T52703                           | U58881       | 5420004916330 | XME           | X           |                       |               | X                 |                 | X               |                |
|     | SUPSTR INT BAY (MAB)   | NONE                             | U58878       | 5420004916339 | XMF           |             |                       |               | X                 |                 |                 |                |
|     | RAMP BAY               | BRIDGE                           | NONE         | R10527        | 5420004975276 | XMG         |                       |               | X                 |                 |                 |                |
|     | FLOAT                  |                                  |              |               |               |             |                       |               |                   |                 |                 |                |
|     | SUPSTR TRNSPTR (MAB)   | FMC-1                            | U58881       | 5420008778679 | XMH           | X           |                       |               | X                 |                 | X               |                |
|     | SUPSTR INT BAY (MAB)   | NONE                             | U58878       | 5420008778682 | XMI           |             |                       |               | X                 |                 |                 |                |
|     | SUPSTR END BAY (MAB)   | NONE                             | U58875       | 5420008778684 | XMJ           |             |                       |               | X                 |                 |                 |                |
|     | TRNSPTR RIBBON         | NONE                             | X23277       | 5420011756524 | XMM           | X           |                       |               | X                 |                 | X               |                |
|     | BRIDGE                 |                                  |              |               |               |             |                       |               |                   |                 |                 |                |
|     | LX                     | ANCILLARY EQUIPMENT              |              |               |               |             |                       |               |                   |                 |                 |                |
|     | REPAIR SHOP            | FLOATING                         | DSN 7011     |               | 1935003753000 | WBR         | X                     |               | X                 | X               |                 |                |
|     | LY                     | MISCELLANEOUS FLOATING EQUIPMENT |              |               |               |             |                       |               |                   |                 |                 |                |
|     | JET SKI                | NONE                             | J16401       | 1940010883530 | ***           | X           |                       |               | X                 |                 |                 |                |
| N   | CONSTRUCTION EQUIPMENT |                                  |              |               |               |             |                       |               |                   |                 |                 |                |
| NA  | CRUSHERS AND PLANTS    |                                  |              |               |               |             |                       |               |                   |                 |                 |                |

[illegible]

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                         | MODEL        | LIN    | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|------------------------------|--------------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | SCRAPER (TOWED)              | EUCLID 58 H  | S56256 | 3805000693316 | EHX | X           |                       |               | X                 |                 |                 |                |
|     | SCRAPER (LET)                | WHSE CT-4    | S56256 | 3805000753312 | EHY | X           |                       |               | X                 |                 |                 |                |
|     | SCRAPER AIR DROP-<br>PABLE   | NONE         | S56941 | 3805004180115 | EHW | X           |                       |               | X                 |                 |                 |                |
|     | SCRAPER AIR TRANS/<br>SEC    | NONE         | S56119 | 3805004180116 | EH4 | X           |                       |               | X                 |                 |                 |                |
|     | SCRAPER (SP)                 | NONE         | S55996 | 3805011050782 | EH8 | X           |                       |               | X                 |                 |                 |                |
|     | SCRAPER (SP)                 | NONE         | S56006 | 3805011062084 | EH6 | X           |                       |               | X                 |                 |                 |                |
|     | SCRAPER ELEV NON-<br>-SECT   | NONE         | S29971 | 3805011442992 | EHZ | X           |                       |               | X                 |                 |                 |                |
|     | SCRAPER ELEV SECT            | NONE         | S30039 | 3805011448837 | EH2 | X           |                       |               | X                 |                 |                 |                |
|     | SCRAPER (SP/CCE)             | CAT 621B     | S56246 | 3805011531854 | EH3 | X           |                       |               | X                 |                 |                 |                |
|     | SCRAPER (SP-ELEV<br>SECT)    | 613BSS       | S30039 | 3805012674177 | EJK | X           |                       |               | X                 |                 |                 |                |
|     | SCRAPER (SP-ELEV /<br>NON-S) | 613BSNS      | S29971 | 3805012674178 | EJL | X           |                       |               | X                 |                 |                 |                |
|     | ND TRACTORS                  |              |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | A/C HO-16M   | W76816 | 2410000786483 | EA5 | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | LC DD HD16-M | W83529 | 2410000786484 | EAT | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | D5A (ELECT)  | W76268 | 2410001425283 | EAN | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | NONE         | W86200 | 2410001776851 | EBH | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | CAT D7F DV29 | W83529 | 2410001777283 | EAU | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | CAT D7F DV29 | W76816 | 2410001777284 | EA2 | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | D7F W/ROPS   | W76816 | 2410001859792 | EA6 | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | D7F W/ROPS   | W83529 | 2410001859794 | EAW | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | D5           | W76268 | 2410002302767 | EAP | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | D7F WNTRZD   | W76816 | 2410003006664 | EA7 | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | NONE         | W88493 | 2410004511003 | EBK | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | IHC TD18-182 | W83255 | 2410005417854 | EBP | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | IHC TD18-182 | W80789 | 2410005417655 | EAP | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | TD-24-241    | W77364 | 2410005422338 | EBQ | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | IHC TD20-200 | W80789 | 2410005422498 | EBR | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | IHC TD20-200 | W83255 | 2410005422499 | EAE | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | CAT D-8      | W77364 | 2410005424882 | EAB | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | CAT D8K8A-58 | W88575 | 2410005747597 | EAC | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | CAT D8K-8S-8 | W88699 | 2410005747598 | EAD | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | HTD CAT D7E  | W76816 | 2410007821130 | EA3 | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | D5A (GAS)    | W76268 | 2410008286865 | EAQ | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | NONE         | W80104 | 2410008436374 | EAH | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | A/C HD-16M   | W76816 | 2410009011950 | EA4 | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | NONE         | W80378 | 2410009260910 | EAL | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | DD CAT D7E   | W83529 | 2410009263697 | EAV | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | CASE MDL M45 | W76336 | 2410009350714 | EAS | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | CASE 1150W/R | W76285 | 2410010244065 | EA8 | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | D7E WIN ROPS | W76816 | 2410010509628 | EA9 | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | D7E R1P ROPS | W83529 | 2410010509629 | EAY | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | D5BNS        | W76285 | 2410011267902 | EBA | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | D5BS         | W76268 | 2410011276512 | EBB | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | DEER MDL550C | W76336 | 2410011399859 | EBC | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | D7G W/ROPS   | W83529 | 2410012230350 | EAZ | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | CAT D7G      | W76816 | 2410012237261 | EBM | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (FT-LOW SPD)         | D5BS1        | W76268 | 2410012701192 | EBS | X           |                       |               | X                 |                 |                 |                |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                         | MODEL        | LIN    | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|------------------------------|--------------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | TRACTOR (FT-LOW SPD)         | D5BNS1       | W76285 | 2410012968479 | EBT | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (WHL IND)            | DSL 290-M    | W90790 | 2420000889384 | EDA | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (WHL IND)            | DSL830-MB    | W90790 | 2420001041896 | EDB | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (HS-WHL)             | NONE         | W88940 | 2420004318309 | EDY | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (WHL IND)            | CAT 830MB    | W90790 | 2420009305999 | EDC | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (WHL IND)            | CAT 830MBROP | W90790 | 2420010064946 | EEZ | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (WHL IND)            | CAT 830MBROP | W90790 | 2420010284936 | EE2 | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (WHL IND)            | CLARK 290MRO | W90790 | 2420010590090 | EDD | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (WHL IND)            | NONE         | NO-LIN | 2420010590091 | EDZ | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (WHL EXCAV)          | FLU419       | T34437 | 2420011602754 | EDL | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (WHL IN-D-HMMH)      | FLU 10344    | T33786 | 2420012058636 | EED | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (WHL IND)            | NONE         | NO-LIN | 2420012288610 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR (WHL IND)            | NONE         | NO-LIN | 2420012560066 | *** | X           |                       |               | X                 |                 |                 |                |
|     | GRADER ROAD MOTOR-IZED       | F1500M       | J74852 | 3805001557093 | EHE | X           |                       |               | X                 |                 |                 |                |
|     | GRADER ROAD MOTOR-IZED       | 12           | J74852 | 3805001974184 | EJG | X           |                       |               | X                 |                 |                 |                |
|     | GRADER ROAD MOTOR-IZED       | 116          | J74852 | 3805002211802 | EJM | X           |                       |               | X                 |                 |                 |                |
|     | GRADER ROAD MOTOR-IZED       | 118 W/ATTACH | J74852 | 3805002239031 | EJR | X           |                       |               | X                 |                 |                 |                |
|     | GRADER ROAD MOTOR-IZED       | NONE         | NO-LIN | 3805004660084 | *** | X           |                       |               | X                 |                 |                 |                |
|     | GRADER ROAD MOTOR-IZED       | 4D           | J74852 | 3805005422996 | EHD | X           |                       |               | X                 |                 |                 |                |
|     | GRADER ROAD MOTOR-IZED       | NONE         | NO-LIN | 3805009317881 | *** | X           |                       |               | X                 |                 |                 |                |
|     | GRADER ROAD MOTOR-IZED       | 440HA W/ROPS | J74852 | 3805010182866 | EHJ | X           |                       |               | X                 |                 |                 |                |
|     | GRADER ROAD MOTOR-IZED       | CAT 120 W/RO | J74852 | 3805010290139 | EHK | X           |                       |               | X                 |                 |                 |                |
|     | GRADER ROAD MOTOR-IZED       | F1500 MW WNT | J74852 | 3805010643878 | EHM | X           |                       |               | X                 |                 |                 |                |
|     | GRADER ROAD MOTOR-IZED       | 130GNS       | J74920 | 3805011267894 | EHN | X           |                       |               | X                 |                 |                 |                |
|     | GRADER ROAD MOTOR-IZED       | 130GS        | J74886 | 3805011267895 | EHP | X           |                       |               | X                 |                 |                 |                |
|     | GRADER ROAD MOTOR-IZED       | CAT 130G     | G74783 | 3805011504795 | EHF | X           |                       |               | X                 |                 |                 |                |
|     | GRADER SCRAPER AT-TACH       | NONE         | J75239 | 3830009008545 | EHQ | X           |                       |               | X                 |                 |                 |                |
|     | NF CRANES/SHOVELS/EXCAVATORS |              |        |               |     |             |                       |               |                   |                 |                 |                |
|     | EXCAVATOR (TRUCK MTD)        | NONE         | H17945 | 3805003519426 | E24 | X           |                       |               | X                 |                 |                 |                |
|     | EXCAVATOR (TRUCK MTD)        | NONE         | E27292 | 3805012171083 | E2Y | X           |                       |               | X                 |                 |                 |                |
|     | EXCAVATOR (TRUCK MTD)        | NONE         | H17945 | 3805012178422 | E22 | X           |                       |               | X                 |                 |                 |                |
|     | CRANE (TRK MTD) 25T          | MT 250       | F43429 | 3810000182021 | ELA | X           |                       |               | X                 |                 |                 |                |
|     | CRANE (WHIL MTD) 20T         | 2385         | F39378 | 3810000435354 | EK5 | X           |                       |               | X                 |                 |                 |                |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                            | MODEL         | LIN    | NSN            | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|---------------------------------|---------------|--------|----------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | CRANE-SHOVEL (TRK MTD)          | M320T2 (20T)  | F43414 | 3810001514431  | ELF | X           |                       |               | X                 |                 |                 |                |
|     | CRANE (WHL MTD) 20T             | M320RT        | F39378 | 3810002751167  | EKC | X           |                       |               | X                 |                 |                 |                |
|     | CRANE (TRK MTD) 10-25T          | 20ORF2        | F43439 | 3810003503775  | EKM | X           |                       |               | X                 |                 |                 |                |
|     | CRANE (TRK MTD)                 | NONE          | F43003 | 3810004337174  | ELK | X           |                       |               | X                 |                 |                 |                |
|     | CRANE (TRK MTD) 30-45T          | NONE          | F38738 | 3810004571525  | ELP | X           |                       |               | X                 |                 |                 |                |
|     | CRANE (TRK MTD) 50-65T          | NONE          | F38783 | 3810004571526  | ELQ | X           |                       |               | X                 |                 |                 |                |
|     | CRANE-SHOVEL CRWLRMTD           | M855BG240T    | F40474 | 3810005423048  | EMH | X           |                       |               | X                 |                 |                 |                |
|     | CRANE-SHOVEL (TRK MTD)          | M220 (20T)    | F43414 | 3810005424982  | ELE | X           |                       |               | X                 |                 |                 |                |
|     | CRANE (WHL MTD) 20T             | 2380          | F39378 | 3810007637728  | EKD | X           |                       |               | X                 |                 |                 |                |
|     | CRANE-SHOVEL (TRK MTD)          | M320T (20T)   | F43414 | 3810008618088  | ELG | X           |                       |               | X                 |                 |                 |                |
|     | CRANE-SHOVEL CRWLRMTD           | M855BG2       | F40474 | 3810009330588  | EME | X           |                       |               | X                 |                 |                 |                |
|     | CRANE-SHOVEL CRWLRMTD           | M855BG        | F40474 | 3810009330589  | EMF | X           |                       |               | X                 |                 |                 |                |
|     | CRANE-SHOVEL CRWLRMTD           | 36M (12 1/2T) | F43364 | 3810009373939  | EMB | X           |                       |               | X                 |                 |                 |                |
|     | CRANE (WHL MTD) 5T              | H-446         | F39241 | 3810009480407  | EKT | X           |                       |               | X                 |                 |                 |                |
|     | CRANE-SHOVEL (TRK MTD)          | 2360 (20T)    | F43414 | 3810009890605  | ELM | X           |                       |               | X                 |                 |                 |                |
|     | CRANE (TRK MTD)                 | NONE          | C38942 | 3810010279253  | *** | X           |                       |               | X                 |                 |                 |                |
|     | CRANE (TRK MTD) 140T            | NONE          | C38874 | 3810010279254  | *** | X           |                       |               | X                 |                 |                 |                |
|     | CRANE (TRK MTD) 25T             | TMS 300-5     | F43429 | 3810010549779  | ELH | X           |                       |               | X                 |                 |                 |                |
|     | CRANE (TRK MTD)                 | CAT RT41 AA   | F43003 | 3810011444885  | ELL | X           |                       |               | X                 |                 |                 |                |
|     | CRANE-SHOVEL CRWLRMTD           | P&H 5060      | F40474 | 3810011458288  | EMK | X           |                       |               | X                 |                 |                 |                |
|     | CRANE (WHIL MTD) 71/2T          | NONE          | C36151 | 3810011650646  | EKY | X           |                       |               | X                 |                 |                 |                |
|     | CRANE (WHIL MTD) 7 Y2T          | NONE          | C36219 | 3810011650647  | EKZ | X           |                       |               | X                 |                 |                 |                |
|     | CRANE (WHL MTD-RTCC) NG LOADERS | NONE          | C39398 | 3810012052716  | EKG | X           |                       |               | X                 |                 |                 |                |
|     | LOADER SCOOP (DSL)              | AC 645M       | L76556 | 3805000519359  | EFL | X           |                       |               | X                 |                 |                 |                |
|     | LOADER SCOOP (DSL)              | NONE          | L76282 | 3805000746378  | DJA | X           |                       |               | X                 |                 |                 |                |
|     | LOADER SCOOP (DSL)              | JICASE MW24B  | L76556 | 3805001694711  | EFM | X           |                       |               | X                 |                 |                 |                |
|     | LOADER SCOOP (DSL)              | JICASE MW24   | L76566 | 38050-02630627 | EFN | X           |                       |               | X                 |                 |                 |                |
|     | LOADER SCOOP (DED/ GED)         | NONE          | L76305 | 3805004381463  | EF4 | X           |                       |               | X                 |                 |                 |                |
|     | LOADER SCOOP (DSL)              | NONE          | L76522 | 3805004381464  | EF5 | X           |                       |               | X                 |                 |                 |                |
|     | SPRDR AGGREGATE (TOW)           | GAR-WD M5-8   | U12063 | 3895008367324  | EWV | X           |                       |               | X                 |                 |                 |                |
|     | SPREADER AG-GREGATE-SP          | NONE          | U12073 | 3895010907940  | EZK | X           |                       |               | X                 |                 |                 |                |
|     | NN TRUCKS (CCE)                 |               |        |                |     |             |                       |               |                   |                 |                 |                |
|     | TRK DUMP (CCE) 20T              | F5070         | X44403 | 3805001927249  | EZY | X           |                       |               | X                 |                 | X               | X              |
|     | TRK DUMP (CCE) 20T              | M917          | X44403 | 3805010284389  | EZZ | X           |                       |               | X                 |                 | X               | X              |
|     | TRK CNCRTE MXR (CCE)            | M919          | T42725 | 3895010284391  | EXD | X           |                       |               | X                 |                 | X               | X              |
|     | NO BRIDGES, FLOATING            |               |        |                |     |             |                       |               |                   |                 |                 |                |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                     | MODEL              | LIN    | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|--------------------------|--------------------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | BRIDGE FLOATING          | CL60/135           | C25346 | 5420000599082 | XJU |             |                       |               |                   |                 |                 |                |
|     | BRDG FLOAT-ALUM          | NONE               | C25072 | 5420001714519 | XJK |             |                       |               |                   |                 |                 |                |
|     | DECK                     |                    |        |               |     |             |                       |               |                   |                 |                 |                |
|     | BRIDGE FLOATING          | CL 60/600          | C25209 | 5420002670012 | XJM |             |                       |               |                   |                 |                 |                |
|     | NP HEATERS/KETTLES       | HEATING BITUMINOUS |        |               |     |             |                       |               |                   |                 |                 |                |
|     | HEATER (GAS-TRLR         | PSM50              | K24520 | 3895000627912 | EVP | X           |                       |               |                   |                 |                 |                |
|     | MTD)                     |                    |        |               |     |             |                       |               |                   |                 |                 |                |
|     | HEATER BITUMINOUS        | NONE               | NO-LIN | 3895000995342 | EXH | X           |                       |               |                   |                 |                 |                |
|     | KETTLE (GAS-TRLR MTD)    | 7ZPSA              | L21437 | 3895002477593 | EVZ | X           |                       |               |                   |                 |                 |                |
|     | KETTLE (GAS-TRLR MTD)    | GS 1901            | L21437 | 3895003512354 | EV5 | X           |                       |               |                   |                 |                 |                |
|     | KETTLE (GAS-TRLR MTD)    | WHITE FM 3-1       | L21437 | 3895004429741 | EV9 | X           |                       |               |                   |                 |                 |                |
|     | KETTLE HEAT (TRLR        | NONE               | L21290 | 3895006009323 | EYM | X           |                       |               |                   |                 |                 |                |
|     | MTD)                     |                    |        |               |     |             |                       |               |                   |                 |                 |                |
|     | KETTLE (GAS-TRLR MTD)    | 72PSA967           | L21437 | 3895008326231 | EWU | X           |                       |               |                   |                 |                 |                |
|     | HEATER OIL (TRLR MTD)    | 2005TM             | K25215 | 3895008389180 | EZB | X           |                       |               |                   |                 |                 |                |
|     | HEATER OIL (TRLR MTD)    | 200STM77           | K25215 | 3895010637892 | EZC | X           |                       |               |                   |                 |                 |                |
|     | KETTLE HEATING, BIT      | KT130-6            | K21583 | 3895010693372 | EZF | X           |                       |               |                   |                 |                 |                |
|     | KETTLE HEAT ASPHALT      | KT130-6            | NO-LIN | 3895010907755 | *** | X           |                       |               |                   |                 |                 |                |
|     | KETTLE (GAS-TRLR MTD)    | TPS-165A           | L21437 | 3895012076347 | E4U | X           |                       |               |                   |                 |                 |                |
|     | HEATER DUCT (PTBL)       | FC-400-1           | K24931 | 4520010717191 | VXH | X           |                       |               |                   |                 |                 |                |
|     | NU CONVEYORS/ELEVATORS   |                    |        |               |     |             |                       |               |                   |                 |                 |                |
|     | CONVEYOR                 | NONE               | NO-LIN | 3910010032699 | *** | X           |                       |               |                   |                 |                 |                |
|     | NV SPECIAL/MISCELLANEOUS |                    |        |               |     |             |                       |               |                   |                 |                 |                |
|     | BRUSHCUTTER              | NONE               | C28863 | 2320010907607 | FVE | X           |                       |               |                   |                 |                 |                |
|     | SHEDDER BUSH TRLR        | NONE               | NO-LIN | 2330010907609 | E2J | X           |                       |               |                   |                 |                 |                |
|     | MTD                      |                    |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TREE CHIPPER             | NONE               | C19846 | 2330012118372 | C84 | X           |                       |               |                   |                 |                 |                |
|     | (TRLRMTD)                |                    |        |               |     |             |                       |               |                   |                 |                 |                |
|     | SHEDDER (TRLR MTD)       | NONE               | 000000 | 3660011128363 | E3J | X           |                       |               |                   |                 |                 |                |
|     | HARROW DISK              | NONE               | K19232 | 3710002383505 | YPK | X           |                       |               |                   |                 |                 |                |
|     | HARROW DISK              | NONE               | NO-LIN | 3710005333753 | *** | X           |                       |               |                   |                 |                 |                |
|     | SPRAYER (ROTO)           | NONE               | NO-LIN | 3740001662910 | *** | X           |                       |               |                   |                 |                 |                |
|     | SPRAYER INSECTICIDE      | NONE               | S11847 | 3740009010720 | *** | X           |                       |               |                   |                 |                 |                |
|     | SPRAYER INSECTICIDE      | NONE               | U11573 | 3740010260511 | *** | X           |                       |               |                   |                 |                 |                |
|     | SPRAYER PESTICIDE        | NONE               | NO-LIN | 3740010274817 | *** | X           |                       |               |                   |                 |                 |                |
|     | SWEEPER TURF             | NONE               | NO-LIN | 3750004020871 | *** | X           |                       |               |                   |                 |                 |                |
|     | SWEEPER TURF             | NONE               | U76381 | 3750009580117 | *** | X           |                       |               |                   |                 |                 |                |
|     | SELFDUMP                 |                    |        |               |     |             |                       |               |                   |                 |                 |                |
|     | DITCHING MACH            | 624VL              | G29945 | 3805000504638 | ETA | X           |                       |               |                   |                 |                 |                |
|     | DITCHING MACH            | NONE               | G29928 | 3805003498941 | E23 | X           |                       |               |                   |                 |                 |                |
|     | COMPACTOR (HS)           | K300               | E61618 | 3805010244064 | EXB | X           |                       |               |                   |                 |                 |                |
|     | DITCHING MACH            | NONE               | NO-LIN | 3805010794752 | *** | X           |                       |               |                   |                 |                 |                |
|     | ROCK PICKER              | NONE               | NO-LIN | 3805010917617 | EGC | X           |                       |               |                   |                 |                 |                |
|     | DITCHING MACHINE         | NONE               | G29911 | 3805011095949 | E2T | X           |                       |               |                   |                 |                 |                |
|     | SWEEPER (GAS-TOWED)      | KGV 3830           | U76871 | 3825000875019 | EU6 | X           |                       |               |                   |                 |                 |                |
|     | SWEEPER (SP/TRCT         | MS1266A            | U76734 | 3825005401437 | EU7 | X           |                       |               |                   |                 |                 |                |
|     | MTD)                     |                    |        |               |     |             |                       |               |                   |                 |                 |                |
|     | CLEANER VACUUM (SP)      | NONE               | NO-LIN | 3825005930066 | *** | X           |                       |               |                   |                 |                 |                |
|     | SWEEPER (SP/TRCT         | MAG JD4018         | U76734 | 3825005980045 | EU9 | X           |                       |               |                   |                 |                 |                |
|     | MTD)                     |                    |        |               |     |             |                       |               |                   |                 |                 |                |
|     | SWEEPER (GAS-TOWED)      | MP387-67           | U76871 | 3825008325269 | EVB | X           |                       |               |                   |                 |                 |                |
|     | SWEEPER (GAS-TOWED)      | ES-100K            | U76871 | 3825010227329 | EVD | X           |                       |               |                   |                 |                 |                |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                          | MODEL         | LIN    | NSN             | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|-------------------------------|---------------|--------|-----------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | SWEEPER ROTARY (SP)           | NONE          | U76754 | 3825010907913   | E25 | X           |                       |               | X                 |                 |                 |                |
|     | SWEEPER ROTARY (SP)           | NONE          | U76744 | 3825010907914   | E26 | X           |                       |               | X                 |                 |                 |                |
|     | SWEEPER ROTARY (SP)           | FMC2933AH     | U76754 | 3825010932394   | E27 | X           |                       |               | X                 |                 |                 |                |
|     | SWEEPER ROTARY (SP)           | NONE          | S76984 | 3825011075630   | E3A | X           |                       |               | X                 |                 |                 |                |
|     | SWEEPER (DSL-TOWED)           | MB53MH        | U76871 | 3825013142926   | EVH | X           |                       |               | X                 |                 |                 |                |
|     | SWEEPER (TOWED)               | NONE          | NO-LIN | 3830010907754   | E3D | X           |                       |               | X                 |                 |                 |                |
|     | TILLER ROTARY (TOWED)         | NONE          | NO-LIN | 3830011050763   | E3Z | X           |                       |               | X                 |                 |                 |                |
|     | HAMMER P/D (SELF PWD)         | NONE          | K04697 | 3895000140583   | E9G | X           |                       |               | X                 |                 |                 |                |
|     | COMPACTOR (TRCTR<br>MTD)      | NONE          | E61041 | 389500611116254 | E37 | X           |                       |               | X                 |                 |                 |                |
|     | CABLE LAYER UNGND             | LC-236/M      | C66801 | 3895009734512   | HJF | X           |                       |               | X                 |                 |                 |                |
|     | RPR TRLR PWR UT (TWD)         | NONE          | R76576 | 3895010374942   | *** | X           |                       |               | X                 |                 |                 |                |
|     | STEAM BROILER<br>(TOWED)      | NONE          | B86065 | 4410010971342   | *** | X           |                       |               | X                 |                 |                 |                |
|     | CLNR SEWER (TRK MTD)          | PC-50-10      | E32569 | 4940010042787   | FTN | X           |                       |               | X                 |                 |                 |                |
|     | AGR MACH P/SWR CLNR           | 736 CONCO     | B01866 | 4940010042789   | *** | X           |                       |               | X                 |                 |                 |                |
|     | CLNR STEAM (TRLR MTD)         | NONE          | C32887 | 4940010259856   | 2BC | X           |                       |               | X                 |                 |                 |                |
|     | CLNR SEWER (TRK MTD)          | NONE          | C32450 | 4940011648172   | FTX | X           |                       |               | X                 |                 |                 |                |
|     | CLNR SEWER (TRLR<br>MTD)      | NONE          | C48676 | 4940012355441   | *** | X           |                       |               | X                 |                 |                 |                |
|     | TOOL OUTF PIONR PTBL          | NONE          | W68486 | 5180002899569   | YXC | X           |                       |               | X                 |                 |                 |                |
|     | TANK ASPHALT STOR-<br>AGE     | TAS5B         | V12312 | 5430009339055   | EXR | X           |                       |               | X                 |                 |                 |                |
| P   | MATERIEL HANDLING EQUIPMENT   |               |        |                 |     |             |                       |               |                   |                 |                 |                |
|     | PA CRANES, WAREHOUSE          |               |        |                 |     |             |                       |               |                   |                 |                 |                |
|     | CRANE TRK WHSE (GAS)          | P BONE 10FM   | F39104 | 3950001974935   | DML | X           |                       |               | X                 |                 |                 |                |
|     | CRANE TRK WHSE (GAS)          | NC-10 QM PT   | F39104 | 3950002711837   | DPW | X           |                       |               | X                 |                 |                 |                |
|     | CRANE TRK WHSE<br>(ELEC)      | K42SF6778     | F38967 | 3950002711846   | DDM | X           |                       |               | X                 |                 |                 |                |
|     | CRANE TRK WHSE<br>(ELEC)      | CX4           | F38967 | 3950002711847   | DC4 | X           |                       |               | X                 |                 |                 |                |
|     | CRANE TRK WHSE<br>(ELEC)      | CX4           | F38967 | 3950004026705   | DDN | X           |                       |               | X                 |                 |                 |                |
|     | CRANE TRK WHSE (GED)          | WHSE1 60000LB | F39126 | 3950005907816   | DPY | X           |                       |               | X                 |                 |                 |                |
|     | CRANE TRK WHSE (GAS)          | 29690         | F39104 | 3950007233294   | DMJ | X           |                       |               | X                 |                 |                 |                |
|     | CRANE TRK WHSE (GAS)          | 46717         | F39104 | 3950007233295   | DMK | X           |                       |               | X                 |                 |                 |                |
|     | CRANE TRK WHSE (DSL)          | NONE          | Z20409 | 3950012230298   | DMM | X           |                       |               | X                 |                 |                 |                |
|     | PB TRUCKS, FORKLIFTS ELECTRIC |               |        |                 |     |             |                       |               |                   |                 |                 |                |
|     | TRK FORKLIFT (ELEC)           | FTHY 40/48    | X50284 | 3930000568209   | DAA | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)           | BAKER 040MO2  | X50489 | 3930000645871   | DBE | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)           | CLARK 337450  | X50489 | 3930000866677   | DBG | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)           | FE20-24       | X49188 | 3930001514432   | DAB | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)           | SR30MIL       | X45283 | 3930002114323   | DBD | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)           | FTD040EE      | X50489 | 3930002366253   | DAC | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)           | ECE20245      | X49188 | 3930002711902   | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRK FL (PLT-PWR/ELEC)         | NONE          | X54668 | 3930002711903   | DAD | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)           | FTHEG40       | X50489 | 3930002729972   | DBS | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)           | FSHG2048      | X49188 | 3930002738221   | DXB | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)           | ACE40AEE180   | X50489 | 3930003271600   | DAE | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)           | ACE40AEE144   | X50436 | 3930003271603   | DAF | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)           | FL40EE5600M   | X50436 | 3930003476175   | DC8 | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)           | FL40EE6550    | X50284 | 3930004035661   | DAH | X           |                       |               | X                 |                 |                 |                |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                      | MODEL         | LIN    | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|---------------------------|---------------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | TRK FORKLIFT (ELEC)       | FL40EE6250    | X50489 | 3930004035662 | DAJ | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | FTD040EE      | X50284 | 3930004948151 | DAL | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | E-3 RT-57     | X45283 | 3930005556290 | DBA | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | FTD040EE      | X50489 | 3930007096341 | DAM | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | FTD040EE      | X50284 | 3930007096342 | DAN | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | BAKER 040-EE  | X50489 | 3930007096358 | DDC | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | 6M 040EE      | X50832 | 3930007244057 | DA2 | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | FTD020EE      | X49188 | 3930007244058 | DAP | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | 060-EE        | X50969 | 3930007244059 | DAT | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | SRT E-FL100   | X51037 | 3930007386030 | DB8 | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | SRT E-FL100   | X51037 | 3930008975270 | D89 | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | FTD020 EESS   | X49188 | 3930009357864 | DAQ | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | FTD020EE 2    | X49188 | 3930009650075 | DAR | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | ACE100 CREEM1 | X51037 | 3930010319379 | DAS | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | AC SR30B      | X45283 | 3930010498700 | DDE | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | ACC10PS110    | X52613 | 3930010543832 | DME | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | HYS E40BMIL   | X50436 | 3930010559721 | DAU | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | SHREK RRR-E   | X45283 | 3930010878698 | DDF | X           |                       |               | X                 |                 |                 |                |
|     | TRK FL (PLT-PWR/ELEC)     | EATIN MP40EE  | X54668 | 3930010891429 | DAX | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | SL-4413       | T73474 | 3930011231300 | DAY | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | EL ACE40      | X50436 | 3930011267505 | DAZ | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | SL44/3ESS     | T73474 | 3930012084600 | DDH | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | MC CATM25     | X49188 | 3930012126675 | DDJ | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | 60HEV36VEE    | X50900 | 3930012238436 | DDB | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | E40EV36V EE   | X50489 | 3930012238437 | DDD | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | EFG26002      | X50436 | 3930121871464 | DDK | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (ELEC)       | EFG26002      | X50832 | 3930121871465 | DDL | X           |                       |               | X                 |                 |                 |                |
|     | PC TRUCKS, FORKLIFTS, GED |               |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRK FORKLIFT (GAS)        | C403          | X51654 | 3930000179079 | DM7 | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)        | LT-60RS       | X51791 | 3930000251015 | DN4 | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)        | LH MY-40MB    | X51380 | 3930000645868 | DLA | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)        | MY-60-MC NRS  | X51791 | 3930000645869 | DN5 | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)        | MY-60-MC RS   | X51791 | 3930000645870 | DN6 | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)        | M40MRS        | X51654 | 3930000646564 | DP4 | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)        | FJF-040       | X51380 | 3930000738676 | DLB | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)        | 502PG4C24144  | X51380 | 3930000739222 | DLC | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)        | FJF040        | X51380 | 3930001514428 | DLD | X           |                       |               | X                 |                 |                 |                |
|     | TRK FL (GAS/DIESEL)       | HYS H15OF     | X52750 | 3930001514434 | DLE | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)        | AC F40-24-PS  | X51517 | 3930001654102 | DLF | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)        | FJF060MHE210  | X51791 | 3930002354674 | DLG | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)        | MDL 40        | X51380 | 3930002574868 | DM8 | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)        | CL 108IN      | X51517 | 3930002668959 | DNC | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)        | RS-53         | X51106 | 3930002711449 | DNG | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)        | LT-60         | X51791 | 3930002729289 | DN3 | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)        | KG-51T-20HRS  | X51106 | 3930002738223 | DNM | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)        | KG-51T-20H    | X51106 | 3930002738226 | DNL | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)        | C500-20       | X51106 | 3930003159699 | DLH | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)        | 502 PG40-24   | X51585 | 3930004195738 | DU  | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)        | C20B1756421   | X51106 | 3930004361413 | DLL | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)        | F40-24-PS     | X51654 | 3930004595948 | DLM | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)        | ACC40FS180    | X51654 | 3930005564955 | DLP | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)        | ACC40PS100    | X51517 | 3930005907814 | DLQ | X           |                       |               | X                 |                 |                 |                |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                   | MODEL         | LIN    | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|------------------------|---------------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | TRK FORKLIFT (GAS)     | G5134-4024    | X51380 | 3930006789913 | DM9 | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)     | MONO-2        | X51380 | 3930007243568 | DNA | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)     | MONO-2        | X51380 | 3930007243570 | DLR | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)     | FJF060        | X51791 | 3930007385938 | DLS | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)     | 462SG4024144  | X51654 | 3930007813855 | DM4 | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)     | T-MTR4625G40  | X51517 | 3930007813856 | DND | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)     | C20B1632033   | X51106 | 3930007813858 | DLU | X           |                       |               | X                 |                 |                 |                |
|     | TRK FL (GAS/DIESEL)    | H150C         | X52750 | 3930008974632 | DLV | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)     | KGPA51AT60    | X51791 | 3930008974633 | DPE | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)     | AC F60-1001 N | X52065 | 3930009357856 | DLY | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)     | S40-PC        | X51654 | 3930009357865 | DL2 | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)     | S40CP-100     | X51517 | 3930009357866 | DL3 | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)     | FJF-040-MO2   | X51380 | 3930009357963 | DL4 | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)     | FP60-24PS     | X51791 | 3930009357979 | DL5 | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)     | 1615159RS     | X51654 | 3930009541303 | DM5 | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)     | C40B1615158   | X51517 | 3930009549311 | DL6 | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)     | FT20-24PS-12  | X51106 | 3930009583683 | DL8 | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)     | FP-60-24-PS   | X51791 | 3930009583684 | DL9 | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)     | ACC40PS144    | X51517 | 3930010398291 | DMA | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)     | ACC40PS180    | X51654 | 3930010398292 | DMB | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)     | ACP40PS144    | X51585 | 3930010404594 | DMC | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)     | ACP60PS180    | X51791 | 3930010525050 | DMD | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)     | ACC45PS144    | X51517 | 3930010754937 | DMF | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)     | C50OY45       | X51585 | 3930010853767 | DMG | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (GAS)     | FG30N7M       | X51585 | 3930011463990 | DMH | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (CBD)     | H40XL-MIL     | T73645 | 3930011727891 | DXA | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (CBD)     | H60XL-MIL     | T49096 | 3930011727892 | DXG | X           |                       |               | X                 |                 |                 |                |
|     | PD TRUCKS, PLATFORM    |               |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRUCK PLATFORM         | INT1600A      | NO-LIN | 2320001955332 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK PLATFORM         | NONE          | NO-LIN | 3930010525220 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK PLATFORM         | NONE          | NO-LIN | 3930011210875 | *** | X           |                       |               | X                 |                 |                 |                |
|     | PE TRACTORS, WAREHOUSE |               |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRACTOR WHEELED        | J-217-F       | W89557 | 3930000383166 | DMN | X           |                       |               | X                 |                 |                 |                |
|     | (GAS)                  |               |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRACTOR WHEELED        | MT-40MA       | W89557 | 3930000646563 | DMP | X           |                       |               | X                 |                 |                 |                |
|     | (GAS)                  |               |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRACTOR WHEELED        | G/PC          | W89557 | 3930001813217 | DMQ | X           |                       |               | X                 |                 |                 |                |
|     | (GAS)                  |               |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRACTOR WHEELED        | CTA40         | W89557 | 3930003476173 | DMX | X           |                       |               | X                 |                 |                 |                |
|     | (GAS)                  |               |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRACTOR WHEELED        | ACT-40        | W89557 | 3930006789914 | DMS | X           |                       |               | X                 |                 |                 |                |
|     | (GAS)                  |               |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRACTOR                | T-40          | W89557 | 3930006794823 | DMT | X           |                       |               | X                 |                 |                 |                |
|     | WHEELED(GAS)           |               |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRACTOR WHEELED        | MT-40         | W89557 | 3930007243471 | DMU | X           |                       |               | X                 |                 |                 |                |
|     | (GAS)                  |               |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRACTOR WHEELED        | G-40          | W89557 | 3930007248146 | DMY | X           |                       |               | X                 |                 |                 |                |
|     | (GAS)                  |               |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRACTOR WHEELED        | JG-40PT       | W89557 | 3930009261066 | DMV | X           |                       |               | X                 |                 |                 |                |
|     | (GAS)                  |               |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRACTOR WHEELED        | NONE          | W89557 | 3930009534890 | DMW | X           |                       |               | X                 |                 |                 |                |
|     | (GAS)                  |               |        |               |     |             |                       |               |                   |                 |                 |                |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                              | MODEL         | LIN    | NSN            | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|-----------------------------------|---------------|--------|----------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | TRACTOR WHEELED (GAS)             | JG40          | W89557 | 3930010478722  | DP5 | X           |                       |               | X                 |                 |                 |                |
|     | TRACTOR WHEELED (GAS)             | SM340         | W89557 | 3930010752812  | DP6 | X           |                       |               | X                 |                 |                 |                |
|     | PF TRUCKS, STRADDLE               |               |        |                |     |             |                       |               |                   |                 |                 |                |
|     | TRK STRDL E-CAR-<br>RY-GAS        | M300H         | X56997 | 3930000520034  | DMZ | X           |                       |               | X                 |                 |                 |                |
|     | PG TRUCKS, FORKLIFT-ROUGH TERRAIN |               |        |                |     |             |                       |               |                   |                 |                 |                |
|     | TRUCK FORKLIFT (DSL)              | MLT6-2        | X48914 | 3930003271575  | DJB | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK FORKLIFT (DSL)              | ARTFT6        | X48914 | 3930004195744  | DJC | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK FORKLIFT (DSL)              | RTL 10-1S     | X49051 | 3930004655869  | DJD | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK FORKLIFT (GAS)              | MR 100-RS     | X52476 | 3930005542700  | DJZ | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK FORKLIFT (GAS)              | MR 100-RS #2  | X52476 | 3930006789056  | DJ2 | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK FORKLIFT (GAS)              | RJF060        | X51928 | 3930006794458  | DJX | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK FORKLIFT (GAS)              | HR 100        | X52476 | 3930007999956  | DJ3 | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK FORKLIFT                    | NONE          | X52810 | 3930008327043  | DJG | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK FORKLIFT (DSL)              | A-3520        | X49051 | 3930009030899  | DJH | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK FORKLIFT (DSL)              | MLGT-6        | X48914 | 3990600030900  | DJJ | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK FORKLIFT (DSL)              | MLT-6W        | X48914 | 3930009263836  | DJK | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK FORKLIFT (DSL)              | MLT6CH        | X48914 | 3930009370220  | DJL | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK FORKLIFT (GAS)              | 390012        | X52476 | 3930009730659  | DJY | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK FORKLIFT (DSL)              | MDL 10 ROPS   | X49051 | 3930010528997  | DJP | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK FORKLIFT (DSL)              | MLT6CH ROPS   | X48914 | 3930010534823  | DJQ | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK FORKLIFT (DSL)              | MDL 10-1 ROPS | X49051 | 3930010534824  | DJR | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK FORKLIFT (DSL)              | ARTFT6 ROPS   | X48914 | 3930010543830  | DJS | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK FORKLIFT (DSL)              | MLT6 ROPS     | X48914 | 3930010543831  | DJT | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK FORKLIFT (DSL)              | DD IHC M-10A  | T49119 | 3930010543833  | DJU | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK FORKLIFT (DSL)              | DD MDL M4K    | T49255 | 3930010764237  | DJV | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK FORKLIFT (DED)              | DD MDL DV43   | T48941 | 3930010823758  | DJN | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK FORKLIFT (DED)              | NONE          | T48944 | 3930011580849  | DJW | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK FORKLIFT (GAS)              | NONE          | NO-LIN | 3930011957638  | DP7 | X           |                       |               | X                 |                 |                 |                |
|     | PI TRUCKS, FORKLIFTS, DED         |               |        |                |     |             |                       |               |                   |                 |                 |                |
|     | TRK FL (GAS/ DIESEL)              | RT-100        | X52750 | 3930000384410  | DNZ | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (DED)                | H620B         | X48904 | 3930005030340  | DXB | X           |                       |               | X                 |                 |                 |                |
|     | TRK FORKLIFT (DED)                | NONE          | T48972 | 3930121822667  | *** | X           |                       |               | X                 |                 |                 |                |
|     | PJ TRUCKS, STOCK SELECTOR         |               |        |                |     |             |                       |               |                   |                 |                 |                |
|     | TRUCK STOCK SELEC-<br>TOR         | SS10-130S307  | X56928 | 3930001863482  | DCA | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK STOCK SELEC-<br>TOR         | SS10-4210     | X56928 | 3930010156526  | DCC | X           |                       |               | X                 |                 |                 |                |
|     | PL TRUCKS, FORKLIFTS, OTHER       |               |        |                |     |             |                       |               |                   |                 |                 |                |
|     | TRK FL PLTFRM (ELECT)             | PCH-12E       | X53161 | 3930009730301  | DAG | X           |                       |               | X                 |                 |                 |                |
|     | CRANE (TRK MTD)                   | NONE          | C38942 | 3950010279253  | DSE | X           |                       |               | X                 |                 |                 |                |
|     | CRANE (TRK MTD)                   | NONE          | C38874 | 3950010279254  | DSA | X           |                       |               | X                 |                 |                 |                |
|     | PO CONVEYORS                      |               |        |                |     |             |                       |               |                   |                 |                 |                |
|     | CONVEYOR BELT (GAS)               | PH 70         | F06698 | 39310008179170 | EZS | X           |                       |               | X                 |                 |                 |                |
|     | PQ RAMP DOCKS                     |               |        |                |     |             |                       |               |                   |                 |                 |                |
|     | RAMP LD VEH (WHL MTD)             | MDS169636     | R11154 | 3990010261575  | DVG | X           |                       |               | X                 |                 |                 |                |
|     | RAMP LD VEH (WHL MTD)             | SASYR1692     | R11154 | 3990010590104  | DVE | X           |                       |               | X                 |                 |                 |                |
|     | RAMP LD VEH (WHL MTD)             | MDS1692366F   | R11154 | 3990011217758  | DVF | X           |                       |               | X                 |                 |                 |                |
|     | PR TRAILERS                       |               |        |                |     |             |                       |               |                   |                 |                 |                |
|     | TRAILER CABLE                     | NONE          | NO-LIN | 2330005403732  | *** | X           |                       |               | X                 |                 |                 |                |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                   | MODEL                           | LIN    | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|------------------------|---------------------------------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
| Q   | PS                     | TRUCKS, MATERIEL HANDLING       |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRUCK RIDING (ELEC)    | NONE                            | D13522 | 3930010263213 | *** | X           |                       |               | X                 |                 |                 |                |
|     | PY                     | MISCELLANEOUS SUPPORT EQUIPMENT |        |               |     |             |                       |               |                   |                 |                 |                |
|     | STAIR ACFT (TRK MTD)   | TLPH252SLT                      | U17210 | 1730002950863 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRCTR WHLD ACFT (TOW)  | NONE                            | T89053 | 1730011174118 | UAF | X           |                       |               | X                 |                 |                 |                |
|     | TRCTR WHLD ACFT        | M690-1B1                        | W88803 | 1740001341053 | UAQ | X           |                       |               | X                 |                 |                 |                |
|     | HYDROSEEDER            | NONE                            | H59601 | 3710012291846 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK RIDING (ELEC)    | NONE                            | D13522 | 3930010263213 | *** | X           |                       |               | X                 |                 |                 |                |
|     | STD MAINT ACFT PU      | PN-45977- 100                   | U25029 | 4920001769236 | UAM | X           |                       |               | X                 |                 |                 |                |
|     | TST STAND HYD          | MDL 7600                        | W00084 | 4920010700871 | TBW | X           |                       |               | X                 |                 |                 |                |
|     | SVC PLTFM (SP)         | NONE                            | S79882 | 4940011050766 | FSB | X           |                       |               | X                 |                 |                 |                |
|     | SVC PLTFM (SP)         | NONE                            | S79882 | 4940011050767 | FSA | X           |                       |               | X                 |                 |                 |                |
|     | SUPPORT EQUIPMENT      |                                 |        |               |     |             |                       |               |                   |                 |                 |                |
|     | QA                     | BAKERY                          |        |               |     |             |                       |               |                   |                 |                 |                |
|     | BAKERY OVEN (TRLR MTD) | MO-311                          | B18373 | 7310002155260 | YBD | X           |                       |               | X                 |                 |                 |                |
|     | BAKERY OVEN (TRLR MTD) | M-1945                          | B18373 | 7310002558068 | YBF | X           |                       |               | X                 |                 |                 |                |
|     | BAKERY OVEN (TRLR MTD) | 533-235                         | B18373 | 7310009035402 | YB1 | X           |                       |               | X                 |                 |                 |                |
|     | DOUGH OTFT (TRLR MTD)  | TR-306                          | G40261 | 7320003345336 | YBH | X           |                       |               | X                 |                 |                 |                |
|     | DOUGH OTFT (TRLR MTD)  | TM-BP68                         | G40261 | 7320008808745 | YB5 | X           |                       |               | X                 |                 |                 |                |
|     | QB                     | GENERATORS                      |        |               |     |             |                       |               |                   |                 |                 |                |
|     | GEN ST (DSL-TRLR MTD)  | PU-614/M                        | J51418 | 6115000162356 | *** | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-TRLR MTD)  | PU-751 /M                       | G37273 | 6115000331373 | VJW | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-TRLR MTD)  | PU-753/M                        | G40744 | 6115000331389 | VJB | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD)  | PU304C/MP04A                    | J41452 | 6115000568421 | VLC | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD)  | PU-631/G                        | J46396 | 6115000595172 | VJX | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-WHL MTD)   | JHGV7.5A                        | J49055 | 6115000746396 | VKA | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-SKID MTD)  | MIL26727                        | J38547 | 6115000812030 | VCB | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD)  | PU-628/G                        | J46258 | 6115000870873 | VGB | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD)  | PU-626/G                        | J46255 | 6115000870972 | VGQ | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-WHL MTD)   | SP-HF15                         | J36040 | 6115000895099 | VLE | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-TRK MTD)   | PU-700M                         | J35629 | 6115001257876 | VEE | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-TRK MTD)   | PU-699/M                        | J35595 | 6115001320488 | VEF | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-TRLR MTD)  | PU-650A/G                       | J35629 | 6115002203878 | VFA | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-TRLR MTD)  | PU-650B/G                       | J35629 | 6115002581622 | VEM | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-TRK MTD)   | PU-699A/M                       | J35595 | 6115002581655 | VFB | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-TRLR MTD)  | PU-732/M                        | G36074 | 6115002603082 | VLL | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-TRK MTD)   | PU-700A/M                       | J35629 | 6115002839051 | VFC | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD)  | PU-248/U                        | J40904 | 6115003560995 | VC4 | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-TRLR MTD)  | PU-707A/M                       | J35680 | 6115003949573 | VLM | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-TRLR MTD)  | PU-495A/G                       | J35801 | 6115003949575 | VCL | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-TRLR MTD)  | PU-406B/M                       | J36383 | 6115003949576 | VCM | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-TRLR MTD)  | PU-405A/M                       | J35492 | 6115003949577 | VCN | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-TRLR MTD)  | PU-707/M                        | J35680 | 6115004644195 | VMB | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD)  | PU-666/G                        | J46265 | 6115004859207 | VHC | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD)  | PU-322/G                        | J41589 | 6115005773370 | VC7 | X           |                       |               | X                 |                 |                 |                |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                  | MODEL         | LIN    | NSN            | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|-----------------------|---------------|--------|----------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | GEN ST (GA&-TRLR MTD) | PU-332/U      | J41786 | 6115005778471  | VJH | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD) | CE55AGWK6     | J47891 | 6115006281243  | VJQ | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD) | PU-294/G6     | J41315 | 6115006355614  | VC9 | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD) | PU-290MR      | J41178 | 61150063598 83 | VDB | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD) | PU-304        | J41452 | 6115006434674  | VMF | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-TRLR MTD) | PU-407/M      | J35561 | 6115007023347  | VES | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD) | PU-409/M      | J41897 | 6115007023348  | VJJ | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-TRLR MTD) | PU-408/M      | J35698 | 6115007090469  | *** | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-TRLR MTD) | PU-402/M      | J35424 | 6115007223760  | VCP | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD) | PU-617/M      | J46384 | 6115007386335  | VGE | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD) | PU-332A/G     | J49809 | 6115007386336  | VJK | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD) | PU-618/M      | J47480 | 6115007386337  | VJL | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD) | PU-409A/M     | J47343 | 6115007386338  | VJM | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD) | PU-619/M      | J42100 | 6115007386339  | VJN | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD) | PU-620/M      | J47617 | 6115007386340  | VJO | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD) | PU-564A/G     | J49946 | 6115007386341  | VJP | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-TRLR MTD) | PLI-406A/M    | J36383 | 6115007386342  | VCR | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD) | PU-375A/G     | J41819 | 6115007532231  | VMG | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD) | PU-684/GLQ-3  | J50205 | 6115007893655  | VMQ | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD) | PU-681 /TLQ15 | J50195 | 6115007893656  | VMR | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-TRLR MTD) | PU-401 /M     | J35414 | 6115008232217  | VLX | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-TRLR MTD) | PU-495/G      | J35801 | 6115008232218  | VCT | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS)          | ENG28V        | J40698 | 6115008438501  | *** | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD) | PU-625/G      | J46252 | 6115008733915  | VGH | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-TRLR MTD) | PU-551 /M     | J37205 | 6115008891307  | VEU | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD) | PU-564/G      | J50083 | 6115008891367  | VJZ | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-WHL MTD)  | 59B2-1A       | J49055 | 6115009034948  | VKB | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-WHL MTD)  | 59B2-1B       | J49055 | 6115009268335  | VKC | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD) | PU-375B/G     | J41819 | 6115009316789  | VL6 | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD) | PLI-629/G     | J46392 | 6115009375555  | VJV | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD) | PU-678/M      | J50185 | 6115009378468  | VMS | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-TRLR MTD) | PU-405/M      | J35492 | 6115009498409  | VDP | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD) | NONE          | J51480 | 6115009677005  | VM7 | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-TRLR MTD) | PU-656/G      | J50151 | 6115009893296  | VMN | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS-WHL MTD)  | POLMC- 111    | J49055 | 6115009995935  | VKD | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (GAS)          | NONE          | NO-LIN | 6115010282459  | *** | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL)          | NONE          | J40208 | 6115010306084  | *** | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL-TRLR MTD) | PU-495B/G     | J35801 | 6115011340165  | VDT | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (AVN GND SPT)  | MEP-362A      | G38140 | 6115011613992  | *** | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DED-TRLR MTD) | PU-789/M      | G35601 | 6115012089827  | VIG | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL)          | NONE          | NO-LIN | 6115012421665  | VCZ | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL)          | NONE          | NO-LIN | 6115012566354  | VMW | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL)          | NONE          | NO-LIN | 6115012802300  | *** | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL)          | AN/MJQ-33     | G78135 | 6115012802301  | VGL | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL)          | NONE          | NO-LIN | 6115013031484  | VJ2 | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL)          | NONE          | NO-LIN | 6115013048183  | VCI | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL)          | NONE          | NO-LIN | 6115013048185  | VDV | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL)          | NONE          | NO-LIN | 6115013134283  | *** | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL)          | NONE          | NO-LIN | 6115013172133  | *** | X           |                       |               | X                 |                 |                 |                |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                    | MODEL      | LIN    | NSN            | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|-------------------------|------------|--------|----------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | GEN ST (DSL)            | NONE       | NO-LIN | 6115013172134  | *** | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL)            | NONE       | NO-LIN | 6115013172136  | *** | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL)            | NONE       | NO-LIN | 6115013172138  | *** | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL)            | NONE       | NO-LIN | 6115013199032  | *** | X           |                       |               | X                 |                 |                 |                |
|     | GEN ST (DSL)            | NONE       | NO-LIN | 6115013320741  | *** | X           |                       |               | X                 |                 |                 |                |
|     | QC COMPRESSORS          |            |        |                |     |             |                       |               |                   |                 |                 |                |
|     | PNEU TOOL COMP OUT-FIT  | NONE       | P11866 | 3820009508584  | FBD | X           |                       |               | X                 |                 |                 |                |
|     | COMP RTY (DSL-TRLRMTD)  | 250RPV     | E72804 | 4310000757064  | DWL | X           |                       |               | X                 |                 |                 |                |
|     | COMP RTY (DSL-TRLRMTD)  | 6M25ORPV   | E72804 | 4310000782462  | DWM | X           |                       |               | X                 |                 |                 |                |
|     | COMP RCP (GAS) WHL MTD  | 415HGP3MS1 | E71023 | 4310000826036  | ZQR | X           |                       |               | X                 |                 |                 |                |
|     | COMP FITY (DSL) WHL MTD | DR-600     | E73352 | 4310001364369  | DWA | X           |                       |               | X                 |                 |                 |                |
|     | COMP RCP (GAS) WHL MTD  | 12021A     | E70886 | 4310002315513  | ZPC | X           |                       |               | X                 |                 |                 |                |
|     | COMP RTY (DSL-TRLRMTD)  | DVY 9M250  | E72804 | 4310002483496  | DWN | X           |                       |               | X                 |                 |                 |                |
|     | COMP RTY (DSL-TRLRMTD)  | DVY 14M250 | E72804 | 4310002569319  | DWP | X           |                       |               | X                 |                 |                 |                |
|     | COMP RCP (GAS) WHL MTD  | P4R15GJ    | E70886 | 4310004025107  | ZPD | X           |                       |               | X                 |                 |                 |                |
|     | COMP RTY (DSL-TRLRMTD)  | RMS250     | E72804 | 4310004713075  | DWF | X           |                       |               | X                 |                 |                 |                |
|     | COMP UT RTY (DSL)       | NONE       | E74500 | 4310004983791  | *** | X           |                       |               | X                 |                 |                 |                |
|     | COMP UT RTY (GAS)       | NONE       | E74529 | 4310004983792  | *** | X           |                       |               | X                 |                 |                 |                |
|     | COMP RTY (DSL) WHL MTD  | DR-600     | E73352 | 4310005422525  | DWE | X           |                       |               | X                 |                 |                 |                |
|     | COMP PITY (GAS) TRK MTD | J21 0-FED  | E73489 | 4310005425928  | DWQ | X           |                       |               | X                 |                 |                 |                |
|     | COMP RTY (DSL) WHL MTD  | ENG 600    | E73352 | 4310006204056  | DWC | X           |                       |               | X                 |                 |                 |                |
|     | COMP RCP (GAS) WHL MTD  | 15HGP5MS1  | E70886 | 4310006243212  | ZQ7 | X           |                       |               | X                 |                 |                 |                |
|     | COMP RCP (GAS) WHL MTD  | P-4        | E71023 | 4310006796917  | ZRG | X           |                       |               | X                 |                 |                 |                |
|     | COMP RTY (GAS) TRK-MTD  | 21OGDMS1   | E73489 | 4310006798697  | DWR | X           |                       |               | X                 |                 |                 |                |
|     | COMP RTY (SKID-MTD)     | 125GC40MS3 | E72393 | 4310006910877  | ZQA | X           |                       |               | X                 |                 |                 |                |
|     | COMP RTY (GAS) TRLR MTD | BM452 EN   | E70338 | 4310007332217  | ZRK | X           |                       |               | X                 |                 |                 |                |
|     | COMP RTY (GAS) TRLR-MTD | 210 CFM    | E72667 | 4310007973417  | DWH | X           |                       |               | X                 |                 |                 |                |
|     | COMP RTY (GAS) TRLR-MTD | BGR-5M-1   | E70338 | 4310008521745- | ZPL | X           |                       |               | X                 |                 |                 |                |
|     | COMP PITY (DSL) WHL MTD | 2016       | E73352 | 4310008781905  | DWD | X           |                       |               | X                 |                 |                 |                |
|     | COMP RTY (DSL-TRLRMTD)  | 250DC MS-1 | E72804 | 4310009527142  | DWS | X           |                       |               | X                 |                 |                 |                |
|     | COMP RTY (PWR DRVN)     | NONE       | NO-LIN | 4310009845741  | *** | X           |                       |               | X                 |                 |                 |                |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                      | MODEL       | LIN    | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|---------------------------|-------------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | COMP RTY (DED)            | 450 CFM     | E74508 | 4310010229895 | DWU | X           |                       |               | X                 |                 |                 |                |
|     | COMP RTY (DED)            | 900CFM      | NO-LIN | 4310010265543 | *** | X           |                       |               | X                 |                 |                 |                |
|     | COMP RTY (DSL) WHL<br>MTD | 750DP       | C72872 | 4310010533891 | DWJ | X           |                       |               | X                 |                 |                 |                |
|     | COMP UT RTY               | NONE        | NO-LIN | 4310010546647 | *** | X           |                       |               | X                 |                 |                 |                |
|     | COMP RTY (GAS)            | 15 CFM      | E70338 | 4310010696935 | ZPZ | X           |                       |               | X                 |                 |                 |                |
|     | TRLR-MTD                  |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | COMP RCP (GAS) WHL<br>MTD | 15CFM100DIS | E70886 | 4310010705615 | ZP3 | X           |                       |               | X                 |                 |                 |                |
|     | COMP RTY<br>(DSL-TRLRMTD) | 18M250      | E72804 | 4310010794805 | DWK | X           |                       |               | X                 |                 |                 |                |
|     | COMP UT RTY (DSL)         | D1252P      | E74500 | 4310010845419 | *** | X           |                       |               | X                 |                 |                 |                |
|     | COMP UT RCP (GAS)         | KA1 5-03-P  | E70886 | 4310010874314 | ZQD | X           |                       |               | X                 |                 |                 |                |
|     | WHLMT                     |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | COMP RTY<br>(DSL-TRLRMTD) | P250WDMH268 | E72804 | 4310011583262 | DWT | X           |                       |               | X                 |                 |                 |                |
|     | COMP RTY                  | NONE        | NO-LIN | 4310012034764 | *** | X           |                       |               | X                 |                 |                 |                |
|     | COMP RTY (DED-WHL<br>MTD) | 750CFM      | C67394 | 4310012912990 | *** | X           |                       |               | X                 |                 |                 |                |
|     | QD PUMPS                  |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | PUMP ASSY FLAMBL LIQ      | US36ACG     | P96845 | 4320004072583 | ZC9 | X           |                       |               | X                 |                 |                 |                |
|     | PUMP                      | KN6HS       | P94359 | 4320004409808 | ZJS | X           |                       |               | X                 |                 |                 |                |
|     | CENTR-GAS-WHLMTD          |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | PUMP                      | US90CCG1    | P94359 | 4320004901859 | ZHC | X           |                       |               | X                 |                 |                 |                |
|     | CENTR-GAS-WHLMTD          |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | PUMPREC                   | NONE        | NO-LIN | 4320006135759 | *** | X           |                       |               | X                 |                 |                 |                |
|     | PUMP ASSY FLAMBL LIQ      | G-R04A1 2   | P97051 | 4320006911071 | ZCM | X           |                       |               | X                 |                 |                 |                |
|     | PUMP                      | CARVER 400S | P94222 | 4320008107311 | ZHG | X           |                       |               | X                 |                 |                 |                |
|     | CENTR-GAS-WHLMTD          |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | PUMP ASSY FLAMBL LIQ      | 84C15-4A084 | P96845 | 4320009169172 | ZCR | X           |                       |               | X                 |                 |                 |                |
|     | PUMP                      | 600GPM      | P94290 | 4320009351619 | ZHM | X           |                       |               | X                 |                 |                 |                |
|     | CENTR-GAS-WHLMTD          |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | PUMP ASSY FLAMBL. LIQ     | ADC 1500    | P97051 | 4320010923551 | ZC4 | X           |                       |               | X                 |                 |                 |                |
|     | PUMP CENTR                | NONE        | NO-LIN | 4320011281836 | ZHT | X           |                       |               | X                 |                 |                 |                |
|     | PUMP ASSY FLAMBL LIQ      | NONE        | P97119 | 4320011415154 | ZDH | X           |                       |               | X                 |                 |                 |                |
|     | PUMP CENTR DED SKD<br>MT  | NONE        | P35886 | 4320011813984 | Z06 | X           |                       |               | X                 |                 |                 |                |
|     | PUMP ASSY FLAMBL LIQ      | LPP-TM      | P97051 | 4320012157671 | ZDR | X           |                       |               | X                 |                 |                 |                |
|     | PUMP ASSY FLAMBL LIQ      | W-8646      | P97051 | 4320012464398 | ZDS | X           |                       |               | X                 |                 |                 |                |
|     | PUMP ASSY FLAMBL LIQ      | LC350GPM    | P97051 | 4320012595965 | ZDT | X           |                       |               | X                 |                 |                 |                |
|     | PUMP ASSY FLAMBL LIQ      | NONE        | NO-LIN | 4320013377538 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TANK PUMP UNIT            | E7130       | V12141 | 4930011307281 | ZBH | X           |                       |               | X                 |                 |                 |                |
|     | QE LAUNDRY UNITS          |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | LNDRY UNIT (TRLR MTD)     | 60 LB CAP   | L48315 | 3510001694735 | ZKC | X           |                       |               | X                 |                 |                 |                |
|     | LNDRY UNIT (TRLR MTD)     | ELT9T       | L48315 | 3510007825294 | ZKF | X           |                       |               | X                 |                 |                 |                |
|     | LNDRY UNIT (TRLR MTD)     | NONE        | NO-LIN | 3510011976742 | *** | X           |                       |               | X                 |                 |                 |                |
|     | LNDRY UNIT                | NONE        | NO-LIN | 3510012229301 | *** | X           |                       |               | X                 |                 |                 |                |
|     | LNDRY UNIT (TRLR MTD)     | M85-100     | NO-LIN | 3510012918169 | *** | X           |                       |               | X                 |                 |                 |                |
|     | QF AIR CONDITIONERS       |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | AIR COND (TRLR MTD)       | A60         | A26373 | 4120008070669 | VV2 | X           |                       |               | X                 |                 |                 |                |
|     | AIR COND (TRLR MTD)       | A60         | A26510 | 4120008070670 | VV3 | X           |                       |               | X                 |                 |                 |                |
|     | AIR COND (TRLR MTD)       | 36/60000BTU | A26715 | 4120009261204 | VVA | X           |                       |               | X                 |                 |                 |                |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                               | MODEL      | LIN    | NSN            | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|------------------------------------|------------|--------|----------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | AIR COND (TRLR MTD)                | 208V       | A26271 | 4120009305700  | VTF | X           |                       |               | X                 |                 |                 |                |
|     | QG WELDING MACHINES                |            |        |                |     |             |                       |               |                   |                 |                 |                |
|     | WLD MACH MLR                       | 33A/B/SP   | Y47707 | 3431000676742  | 2A7 | X           |                       |               | X                 |                 |                 |                |
|     | WLD MACH ARC                       | GR-202-S   | Y45652 | 3431002489327  | *** | X           |                       |               | X                 |                 |                 |                |
|     | WLD SHOP (TRLR MTD)                | NONE       | Y48255 | 3431002875404  | 2AD | X           |                       |               | X                 |                 |                 |                |
|     | WLD MACH ARC                       | NONE       | Y47783 | 3431004986256  | *** | X           |                       |               | X                 |                 |                 |                |
|     | WLD SHOP (TRLR MTD)                | NONE       | Y48323 | 3431009357821  | 2AE | X           |                       |               | X                 |                 |                 |                |
|     | WLD MACH (SKID MTD)                | NONE       | W47364 | 3431010798439  | 2AA | X           |                       |               | X                 |                 |                 |                |
|     | WLD SHOP (TRLR MTD)                | NONE       | W48391 | 3431010901231  | 2AB | X           |                       |               | X                 |                 |                 |                |
|     | WLD GEN                            | NONE       | NO-LIN | 3431011918889  | *** | X           |                       |               | X                 |                 |                 |                |
|     | QH LUBRICATING AND SERVICING UNITS |            |        |                |     |             |                       |               |                   |                 |                 |                |
|     | LUB SVC UT (TRLR MTD)              | 901765-1   | L85283 | 4930000179167  | ZAA | X           |                       |               | X                 |                 |                 |                |
|     | LUB SVC UT (TRLR MTD)              | NONE       | NO-LIN | 4930005422336  | *** | X           |                       |               | X                 |                 |                 |                |
|     | LUB SVC UT (TRLR MTD)              | ENG-2      | L85146 | 4930005424766  | ZAM | X           |                       |               | X                 |                 |                 |                |
|     | LUB SVC UT (TRLR MTD)              | ENG-2      | L85146 | 4930005424767  | ZAQ | X           |                       |               | X                 |                 |                 |                |
|     | LUB SVC UT (TRLR MTD)              | MTENG3A    | L85283 | 4930005482766  | ZAP | X           |                       |               | X                 |                 |                 |                |
|     | LUB SVC UT (TRLR MTD)              | ENG-2      | L85146 | 4930008113533  | ZAW | X           |                       |               | X                 |                 |                 |                |
|     | LUB UNIT                           | NONE       | NO-LIN | 4930008428315  | *** | X           |                       |               | X                 |                 |                 |                |
|     | LUB SVC UT (TRLR MTD)              | 251-3257   | L85283 | 49300085.77160 | ZAX | X           |                       |               | X                 |                 |                 |                |
|     | LUB SVC UT (TRLR MTD)              | 251-437    | L85283 | 4930008925067  | ZAS | X           |                       |               | X                 |                 |                 |                |
|     | SVC UNIT                           | NONE       | NO-LIN | 4930008928315  | *** | X           |                       |               | X                 |                 |                 |                |
|     | LUB SVC UT (TRLR MTD)              | ENG 3      | L85283 | 4930009354451  | ZBF | X           |                       |               | X                 |                 |                 |                |
|     | LUB SVC UT (GAS)                   | NONE       | NO-LIN | 4930010121032  | *** | X           |                       |               | X                 |                 |                 |                |
|     | LUB SVC UT (AIR)                   | NONE       | NO-LIN | 4930010121034  | *** | X           |                       |               | X                 |                 |                 |                |
|     | LUB SVC UT                         | NONE       | NO-LIN | 4930012300781  | *** | X           |                       |               | X                 |                 |                 |                |
|     | QI LIQUID OXYGEN CONVERTERS        |            |        |                |     |             |                       |               |                   |                 |                 |                |
|     | CON- E46750                        |            | F00355 | 3655000627911  | V3A | X           |                       |               | X                 |                 |                 |                |
|     | V-STOR-CHARG-UNIT                  |            |        |                |     |             |                       |               |                   |                 |                 |                |
|     | QJ WATER PURIFICATION UNITS        |            |        |                |     |             |                       |               |                   |                 |                 |                |
|     | WTR PURIF EQUIP SET                | NONE       | Y35486 | 4610002026925  | ZIB | X           |                       |               | X                 |                 |                 |                |
|     | WTR PURIF EQUIP SET                | TRK MTD    | Y36034 | 4610002028701  | ZIC | X           |                       |               | X                 |                 |                 |                |
|     | WTR PURIF EQUIP                    | TRLR MTD   | Y35212 | 4610005404024  | ZI6 | X           |                       |               | X                 |                 |                 |                |
|     | WTR PURIF EQUIP SET                | NONE       | W35417 | 4610010268980  | ZIP | X           |                       |               | X                 |                 |                 |                |
|     | WTR PURIF EQUIP                    | TRLR MTD   | NO-LIN | 4610010932380  | ZII | X           |                       |               | X                 |                 |                 |                |
|     | WTR PURIF EQUIP                    | NONE       | NO-LIN | 4610012342190  | *** | X           |                       |               | X                 |                 |                 |                |
|     | WTR PURIF EQUIP                    | NONE       | NO-LIN | 4610013416289  | *** | X           |                       |               | X                 |                 |                 |                |
|     | QK GENERATING/CHARGING PLANTS      |            |        |                |     |             |                       |               |                   |                 |                 |                |
|     | GEN CHG PLANT                      | CMST       | NO-LIN | 3655004538980  | V3E | X           |                       |               | X                 |                 |                 |                |
|     | QM CHEMICAL PROTECTION             |            |        |                |     |             |                       |               |                   |                 |                 |                |
|     | DECON APPR (SKID MTD)              | M12A1      | F81880 | 4230009269488  | 5FB | X           |                       |               | X                 |                 |                 |                |
|     | SHELTER SYSTEM                     | M51        | T00474 | 4240008544144  | 5GA | X           |                       |               | X                 |                 |                 |                |
|     | WTR PRETMT DECON SET               | C/B AGENTS | Y35109 | 4610008800278  | ZJE | X           |                       |               | X                 |                 |                 |                |
|     | QN LIGHTING EQUIPMENT              |            |        |                |     |             |                       |               |                   |                 |                 |                |
|     | FLOOD LIGHT TELE-SCOPE             | OG4-2T     | H79426 | 6230001791482  | UAV | X           |                       |               | X                 |                 |                 |                |
|     | FLOOD LIGHT TELE-SCOPE             | OG4-2TMA   | H79426 | 6230001812498  | UAW | X           |                       |               | X                 |                 |                 |                |
|     | FLOOD LIGHT ST-TRL MTD             | LT5060D    | F79334 | 6230003835537  | YXW | X           |                       |               | X                 |                 |                 |                |
|     | FLOOD LIGHT SET                    | TRLR MTD   | F79334 | 623001056538   | YXT | X           |                       |               | X                 |                 |                 |                |
|     | QP POWER PLANTS/UNITS              |            |        |                |     |             |                       |               |                   |                 |                 |                |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                                       | MODEL             | LIN    | NSN            | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|--------------------------------------------|-------------------|--------|----------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | POWER PLANT (ELECT)                        | AN/MJQ-16         | P41832 | 6115000331 395 | VJC | X           |                       |               | X                 |                 |                 |                |
|     | POWER PLANT (ELECT)                        | AN/MJQ-18         | P28015 | 6115000331398  | VJD | X           |                       |               | X                 |                 |                 |                |
|     | POWER PLANT (ELECT)                        | AN/MJQ-10         | P27819 | 6115000567906  | VDA | X           |                       |               | X                 |                 |                 |                |
|     | POWER PLANT (ELECT)                        | AN/MJQ-11         | P27821 | 6115001348485  | VCQ | X           |                       |               | X                 |                 |                 |                |
|     | POWER PLAT (ELECT)                         | AN/MJQ-12A        | P27823 | 6115002571602  | VEL | X           |                       |               | X                 |                 |                 |                |
|     | POWER PLANT (ELECT)                        | AN/MJQ-10A        | P27819 | 6115003949582  | VCO | X           |                       |               | X                 |                 |                 |                |
|     | POWER PLANT (ELECT)                        | NONE              | NO-LIN | 6115003949583  | VEN | X           |                       |               | X                 |                 |                 |                |
|     | POWER PLANT (ELECT)                        | AN/MJQ-15         | P28075 | 6115004007591  | VLO | X           |                       |               | X                 |                 |                 |                |
|     | POWER PLANT (ELECT)                        | AN/MJQ-5          | P27800 | 6115009517442  | VEX | X           |                       |               | X                 |                 |                 |                |
|     | PWR PLT                                    | AN/MJQ-21         | P27887 | 6115010569000  | VIH | X           | X                     |               | X                 |                 |                 |                |
|     | ELECT-PATRIOT                              |                   |        |                |     |             |                       |               |                   |                 |                 |                |
|     | PWR PLT                                    | AN/MJQ-24         | P42114 | 6115011022524  | VIC | X           | X                     |               | X                 |                 |                 |                |
|     | ELECT-PATRIOT                              |                   |        |                |     |             |                       |               |                   |                 |                 |                |
|     | POWER PLANT (ELECT)                        | AN/MJQ-25         | P42364 | 6115011537742  | VMP | X           |                       |               | X                 |                 |                 |                |
|     | POWER PLANT                                | AN/MJO-40         | NO-LIN | 6115012996033  | *** | X           |                       |               | X                 |                 |                 |                |
|     | POWER PLANT                                | AN/MJO-39         | NO-LIN | 6115012996034  | *** | X           |                       |               | X                 |                 |                 |                |
|     | POWER PLANT                                | AN/MJQ-37         | NO-LIN | 6115012996035  | *** | X           |                       |               | X                 |                 |                 |                |
|     | POWER PLANT (ELECT)                        | AN/MJQ-41         | NO-LIN | 6115013037896  | *** | X           |                       |               | X                 |                 |                 |                |
|     | POWER PLANT (ELECT)                        | AN/MJQ-38         | NO-LIN | 6115013134214  | *** | X           |                       |               | X                 |                 |                 |                |
|     | POWER PLANT (ELECT)                        | AN/MJQ-36         | NO-LIN | 6115013134215  | *** | X           |                       |               | X                 |                 |                 |                |
|     | POWER PLANT (ELECT)                        | AN/MJQ-35         | NO-LIN | 6115013134216  | *** | X           |                       |               | X                 |                 |                 |                |
|     | POWER PLANT (ELECT)                        | AN/MJQ-42         | NO-LIN | 6115013228583  | *** | X           |                       |               | X                 |                 |                 |                |
|     | QQ REPRODUCTION EQUIPMENT                  |                   |        |                |     |             |                       |               |                   |                 |                 |                |
|     | PRESS SEC REPRO                            | STRLR MTD         | P50154 | 3610003444705  | YEP | X           |                       |               | X                 |                 |                 |                |
|     | PRINT PLT (STLR MTD)                       | NONE              | P61528 | 3610008893262  | YDR | X           |                       |               | X                 |                 |                 |                |
|     | QR TOPOGRAPHIC/MEASURING/SURVEYING/MAPPING |                   |        |                |     |             |                       |               |                   |                 |                 |                |
|     | TOPO REPRODUCTION                          | PRESS SECT        | P50154 | 3610003444705  | YEP | X           |                       |               | X                 |                 |                 |                |
|     | SET                                        |                   |        |                |     |             |                       |               |                   |                 |                 |                |
|     | TOPO REPRODUCTION                          | MAP LAYOUT        | M08138 | 3610010226633  | YF6 | X           |                       |               | X                 |                 |                 |                |
|     | SET                                        |                   |        |                |     |             |                       |               |                   |                 |                 |                |
|     | TOPO REPRODUCTION                          | PHOTO MECH        | P32316 | 3610010226635  | YF7 | X           |                       |               | X                 |                 |                 |                |
|     | SET                                        |                   |        |                |     |             |                       |               |                   |                 |                 |                |
|     | SUR CONSEC (TRK MTD)                       | NONE              | U68809 | 6675006498273  | YJH | X           |                       |               | X                 |                 |                 |                |
|     | TOPO SPT ST (STLR MTD)                     | RECT II           | T05749 | 6675011055759  | YTU | X           |                       |               | X                 |                 |                 |                |
|     | TOPO SPT ST (STLR MTD)                     | COLL SECT         | T02041 | 6675011055760  | YT7 | X           |                       |               | X                 |                 |                 |                |
|     | TOPO SPT ST (STLR MTD)                     | INFO SECT         | T03673 | 6675011055762  | YT9 | X           |                       |               | X                 |                 |                 |                |
|     | TOPO SPT ST (STLR MTD)                     | MOS/ DRAF         | T08523 | 6675011066815  | YTV | X           |                       |               | X                 |                 |                 |                |
|     | QS REPAIR SHOP EQUIPMENT                   |                   |        |                |     |             |                       |               |                   |                 |                 |                |
|     | SHOP EQ GEN PURP (EOD)                     | NONE              | S31232 | 2320012098823  | 2MA | X           |                       |               | X                 | X               |                 | X              |
|     | SHOP EQ GEN PURPOSE                        | EOD               | S31232 | 2320012098823  | 2MA | X           |                       |               | X                 | X               |                 | X              |
|     | PLTFM LIFT (WHL MTD)                       | SISSORS TYPE ELEC | P05757 | 4910010957504  | FSJ | X           |                       |               | X                 |                 |                 |                |
|     | INST RPR SHOP TRK MTD                      | M185A3            | K90188 | 4940000771638  | BMW | X           |                       |               | X                 |                 | X               | X              |
|     | SHOP EQ ELECT RPR                          | SEER-1968         | T10412 | 4940001598846  | 2CA | X           |                       |               | X                 |                 |                 |                |
|     | SHOP EQ ELEC REPAIR                        | SER-1968          | T10275 | 4940001598847  | 2CB | X           |                       |               | X                 |                 |                 |                |
|     | SHOP EQ ORG REP                            | SOUTH WEST        | T13152 | 4940001642719  | 2CC | X           |                       |               | X                 | X               |                 | X              |
|     | SHOP EQ CONT MAINT                         | CMU-5             | T10138 | 4940001654019  | 2CD | X           |                       |               | X                 | X               |                 | X              |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                       | MODEL        | LIN     | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|----------------------------|--------------|---------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | SHOP EQ ELEC REPAIR        | SER-1 961    | T10275  | 4940001654020 | 2CE | X           |                       |               | X                 |                 |                 |                |
|     | SHOP EQ GEN PURP RPR       | SGPRSM-68    | T10549  | 4940001654021 | 2CF | X           |                       |               | X                 |                 |                 |                |
|     | SHOP EQ ORG REP            | ENG-40       | T13152  | 4940001654022 | 2CG | X           |                       |               | X                 | X               |                 | X              |
|     | SHOP EQ ORG REP            | MEDL-1956    | T13152  | 4940001654023 | 2CH | X           |                       |               | X                 | X               |                 | X              |
|     | SHOP EQ GEN PURO<br>RPR    | ENG-43-59    | T10549  | 4940001654024 | 2CJ | X           |                       |               | X                 |                 |                 |                |
|     | SHOP EQ CONT MAINT         | CMU-6        | T10138  | 4940001654025 | 2CK | X           |                       |               | X                 | X               |                 | X              |
|     | SHOP EQ CONT MAINT         | SECM- 1960   | T10138  | 4940001654026 | 2CL | X           |                       |               | X                 | X               |                 | X              |
|     | SHOP EQ ELECT REPAIR       | FS-VAN-1959  | T10275  | 4940001693036 | 2CM | X           |                       |               | X                 |                 |                 |                |
|     | SHOP EQ ELEC REPAIR        | FS-VAN-15777 | T1 0275 | 4940001693037 | 2CN | X           |                       |               | X                 |                 |                 |                |
|     | SHOP EQ ELECT RPR          | SEER- 1963   | T10412  | 4940001693038 | 2CP | X           |                       |               | X                 |                 |                 |                |
|     | SHOP EQ ORG REP            | SMGPR-61     | T13152  | 4940001693039 | 2CQ | X           |                       |               | X                 | X               |                 | X              |
|     | SHOP EQUIP ORG REP         | SEORL-66     | T13152  | 4940001693041 | 2CS | X           |                       |               | X                 | X               |                 | X              |
|     | SHOP EQ CONT MAINT         | CMU-3        | T10138  | 4940001693042 | 2CT | X           |                       |               | X                 | X               |                 | X              |
|     | ELECT SHOP (STRLR<br>MTR)  | AN/ASM-190A  | H01857  | 4940001776835 | JFB | X           |                       |               | X                 |                 |                 |                |
|     | SHOP EQ CONT MAINT         | 993          | T10138  | 4940001957712 | 2CU | X           |                       |               | X                 | X               |                 | X              |
|     | SHOP EQ CONT REP           | NONE         | T10180  | 4940002096219 | 2HL | X           |                       |               | X                 | X               |                 | X              |
|     | ELECT SHOP (STRLR<br>MTD)  | AN/ASM-189A  | H01855  | 4940002346114 | JFC | X           |                       |               | X                 |                 |                 |                |
|     | SHOP EQ GEN PURP RPR       | MILS45538    | T10549  | 4940002874894 | 2CV | X           |                       |               | X                 |                 |                 |                |
|     | SHOP EQ ORG REP            | MILS45537    | T13152  | 4940002949516 | 2CW | X           |                       |               | X                 | X               |                 | X              |
|     | SHOP EQ ELEC REPAIR        | MILS52330    | T10275  | 4940002949517 | 2DA | X           |                       |               | X                 |                 |                 |                |
|     | SHOP EQ CONT MAINT         | MILS45855    | T10138  | 4940002949518 | 2CX | X           |                       |               | X                 | X               |                 | X              |
|     | SHOP EQ ELECT RPR          | MILS52377    | T10412  | 4940002949542 | 2CY | X           |                       |               | X                 |                 |                 |                |
|     | SHOP EQ CONT MAINT         | AVNC6217     | T10138  | 4940004950118 | 2CZ | X           |                       |               | X                 | X               |                 | X              |
|     | SHOP EQ GEN PURP RPR       | MED-1952     | T10549  | 4940004976412 | 2C2 | X           |                       |               | X                 |                 |                 |                |
|     | SHOP EQ GEN PURP RPR       | SGPRSM-61    | T10549  | 4940004976413 | 2C3 | X           |                       |               | X                 |                 |                 |                |
|     | ELECT SHOP (STRLR<br>MTD)  | AN/ASM-189   | H01855  | 4940008778730 | JFG | X           |                       |               | X                 |                 |                 |                |
|     | ELECT SHOP (STRLR<br>MTD)  | AN/ASM-190   | H01857  | 4940009650317 | JFJ | X           |                       |               | X                 |                 |                 |                |
|     | INST RPR SHOP TRK<br>MTD   | M185A1       | K90188  | 4940009733995 | BNA | X           |                       |               | X                 |                 |                 |                |
|     | INST RPR SHOP TRK<br>MTD   | M185A2       | K90188  | 4940009878799 | BM8 | X           |                       |               | X                 |                 | X               | X              |
|     | TRLR UTILITY               | GPC28AF      | NO-LIN  | 4940009973172 | *** | X           |                       |               | X                 |                 |                 |                |
|     | SHOP EQ GEN PURP RPR       | SGPRSM       | T10549  | 4940010063229 | 2C4 | X           |                       |               | X                 |                 |                 |                |
|     | SHOP EQ CONT MAINT         | SECM-1975    | T10138  | 4940010162262 | 2C5 | X           |                       |               | X                 | X               |                 | X              |
|     | SHOP EQ ELEC; REPAIR       | SER-1976     | T10275  | 4940010225322 | 2C6 | X           |                       |               | X                 |                 |                 |                |
|     | SHOP EQ ORG REP            | SEORL- 118   | T13152  | 4940010282672 | 2C7 | X           |                       |               | X                 | X               |                 | X              |
|     | SHOP EQ ELEC REPAIR        | S/EQ         | T10275  | 4940010964475 | 2C8 | X           |                       |               | X                 |                 |                 |                |
|     | SHOP EQ ELECT RPR          | NONE         | T10412  | 4940011107422 | 2C9 | X           |                       |               | X                 |                 |                 |                |
|     | SHOP EQ GEN PURPOSE        | ENG          | S30914  | 4940012098824 | 2MB | X           |                       |               | X                 | X               |                 | X              |
|     | SHOP EQ GEN PURPOSE        | ORD          | S30982  | 4940012098825 | 2MC | X           |                       |               | X                 | X               |                 | X              |
|     | SHOP EQ                    | NONE         | 000000  | 4940012119938 | *** | X           |                       |               | X                 | X               |                 | X              |
|     | SHOP EQ ELECT RPR          | NONE         | NO-LIN  | 4940012342322 | *** | X           |                       |               | X                 |                 |                 |                |
|     | SHOP EQ ORG APR            | SEORTM       | T13152  | 4940012360166 | 2FN | X           |                       |               | X                 | X               |                 | X              |
|     | QU FIRE FIGHTING EQUIPMENT |              |         |               |     |             |                       |               |                   |                 |                 |                |
|     | TRUCK FF                   | 750          | X44735  | 4210001067432 | ZMA | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK FF                   | 750W         | X44735  | 4210001067433 | ZMB | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK FF                   | 0814         | X44735  | 4210001501426 | ZMC | X           |                       |               | X                 | X               |                 | X              |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                      | MODEL       | LIN    | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|---------------------------|-------------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | TRUCK FF                  | M44WLF      | X44941 | 4210002259127 | ZME | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK FF                  | 1000GPM     | X44735 | 4210002366260 | ZMO | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK FF                  | FT500       | X44941 | 4210004490431 | ZMF | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK FF                  | M45A2       | X44941 | 4210009283515 | ZMG | X           |                       |               | X                 | X               |                 | X              |
|     | TRUCK FF                  | 530B        | NO-LIN | 4210009498528 | *** | X           |                       |               | X                 | X               |                 | X              |
|     | QV SPECIAL SHOP EQUIPMENT |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | SHOP EQ WW BASE           | NONE        | T16988 | 3220002708630 | YXA | X           |                       |               | X                 |                 |                 |                |
|     | MAINT                     |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | CLOTHING RPR SHOP         | NONE        | NO-LIN | 3530008192007 | YAA | X           |                       |               | X                 |                 |                 |                |
|     | TEXTILE RPR SHOP          | NONE        | NO-LIN | 3530008162008 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TEXTILE RPR SHOP          | NONE        | NO-LIN | 3530008800595 | *** | X           |                       |               | X                 |                 |                 |                |
|     | CLOTHING RPR SHOP         | NONE        | NO-LIN | 3530009998577 | YAB | X           |                       |               | X                 |                 |                 |                |
|     | CLOTHING RPR SHOP         | D870068OLP  | E40961 | 3530010152220 | YAI | X           |                       |               | X                 |                 |                 |                |
|     | CLOTHING RPR SHOP         | 8700337LP   | E40961 | 3530010179124 | YAM | X           |                       |               | X                 |                 |                 |                |
|     | CLOTHING RPR SHOP         | T2WC51 LIP  | E40961 | 3530010330851 | YAN | X           |                       |               | X                 |                 |                 |                |
|     | CLOTHING RPR SHOP         | NONE        | NO-LIN | 3530010597076 | *** | X           |                       |               | X                 |                 |                 |                |
|     | CLOTHING RPR SHOP         | NA-79       | E40961 | 3530010753503 | YAC | X           |                       |               | X                 |                 |                 |                |
|     | CLOTHING RPR SHOP         | NONE        | NO-LIN | 3530011333494 | YAD | X           |                       |               | X                 |                 |                 |                |
|     | PRES/PACK EQUIP SET       | NONE        | P46938 | 3540002939180 | YXD | X           |                       |               | X                 |                 |                 |                |
|     | SCREW MACHINE             | NONE        | NO-LIN | 4310000885342 | *** | X           |                       |               | X                 |                 |                 |                |
|     | SHOP SET ACFT MAINT       | A-2         | T21372 | 4920006212033 | UB4 | X           |                       |               | X                 |                 |                 |                |
|     | SHOP SET ACFT MAINT       | B-1         | T21509 | 4920006212034 | UB5 | X           |                       |               | X                 |                 |                 |                |
|     | SHOP SET ACFT MAINT       | B-2 (ELECT) | T21646 | 4920006212035 | UB6 | X           |                       |               | X                 |                 |                 |                |
|     | SHOP SET ACFT MAINT       | B-3         | T21783 | 4920006212036 | UB7 | X           |                       |               | X                 |                 |                 |                |
|     | SHOP SET ACFT MAINT       | B-4         | T21920 | 4920006212037 | UB8 | X           |                       |               | X                 |                 |                 |                |
|     | SHOP SET ACFT MAINT       | B-6         | T23564 | 4920006212038 | UB9 | X           |                       |               | X                 |                 |                 |                |
|     | SHOP SET ACFT MAINT       | C-1         | T22194 | 4920006212039 | UCA | X           |                       |               | X                 |                 |                 |                |
|     | SHOP SET ACFT MAINT       | C-2         | T22331 | 4920006212040 | UCB | X           |                       |               | X                 |                 |                 |                |
|     | SHOP SET ACFT MAINT       | C-3         | T22468 | 4920006212041 | UCC | X           |                       |               | X                 |                 |                 |                |
|     | SHOP SET ACFT MAINT       | C-4         | T22605 | 4920006212042 | UCD | X           |                       |               | X                 |                 |                 |                |
|     | SHOP SET ACFT MAINT       | C-5         | T22742 | 4920006212043 | UCE | X           |                       |               | X                 |                 |                 |                |
|     | SHOP SET ACFT MAINT       | C-6         | T22879 | 4920006212044 | UCF | X           |                       |               | X                 |                 |                 |                |
|     | SHOP SET ACFT MAINT       | C-7         | T23016 | 4920006212045 | UCG | X           |                       |               | X                 |                 |                 |                |
|     | SHOP SET ACFT MAINT       | C-8         | T23153 | 4920006212046 | UCH | X           |                       |               | X                 |                 |                 |                |
|     | SHOP SET ACFT MAINT       | C-10        | T23701 | 4920006212047 | UCJ | X           |                       |               | X                 |                 |                 |                |
|     | SHOP SET ACFT MAINT       | C-9         | T23290 | 4920006496509 | UCK | X           |                       |               | X                 |                 |                 |                |
|     | SHOP SET ACFT MAINT       | C-11        | T23427 | 4920006496510 | UCL | X           |                       |               | X                 |                 |                 |                |
|     | SHOP SET ACFT MAINT       | C-8         | T22057 | 4920006497098 | UCM | X           |                       |               | X                 |                 |                 |                |
|     | RADAR ANT RPR             | VADS        | Q13633 | 4931004357746 | 3VA | X           |                       |               | X                 |                 |                 |                |
|     | (TRKMTD)                  |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | SHOP EQUIP                | AN/TSM-42   | NO-LIN | 4935000876561 | *** |             |                       |               | X                 |                 |                 |                |
|     | SHOP EQUIP                | AN/MSM-43   | NO-LIN | 4935004745272 | *** | X           |                       |               | X                 |                 |                 |                |
|     | SHOP EQUIP                | AN/MSM-43   | NO-LIN | 4935008060922 | *** | X           |                       |               | X                 |                 |                 |                |
|     | SHOP EQUIP                | AN/TSM-42   | NO-LIN | 4935009694080 | *** |             |                       |               | X                 |                 |                 |                |
|     | SUB STATION (STRLR        | 950-2200A   | U56519 | 6120004221047 | VFD | X           |                       |               | X                 |                 |                 |                |
|     | MTD)                      |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | QW DETECTION EQUIPMENT    |             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | DETECTING SET MINE        | 4135000     | G02341 | 6665001810369 | YPD |             |                       |               | X                 |                 |                 |                |
|     | DETECTING SET MINE        | WURL232     | G02478 | 6665008219020 | *** | X           |                       |               | X                 |                 |                 |                |
|     | DETECTING SET MINE        | TM P1 70    | G02478 | 6665008794087 | *** | X           |                       |               | X                 |                 |                 |                |
|     | DETECTING SET MINE        | WURL324     | G02478 | 6665009121846 | *** | X           |                       |               | X                 |                 |                 |                |
|     | DETECTOR SET              | AN/PRS-8    | G02204 | 6665010799522 | YPH |             |                       |               | X                 |                 |                 |                |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN                                   | MODEL                                     | LIN    | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|----------------------------------------|-------------------------------------------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | QY                                     | MISCELLANEOUS                             |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRANS AIRMOBILE HYD                    | 17-502                                    | X23227 | 1740009011870 | UAL | X           |                       |               | X                 |                 |                 |                |
|     | LF                                     |                                           |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRANS AIRMOBILE HYD                    | 400OA2                                    | X23227 | 1740009023132 | UA8 | X           |                       |               | X                 |                 |                 |                |
|     | LF                                     |                                           |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRANS AIRMOBILE HYD                    | NONE                                      | NO-LIN | 1740010650571 | *** | X           |                       |               | X                 |                 |                 |                |
|     | LF                                     |                                           |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRANS AIRMOBILE HYD                    | NONE                                      | NO-LIN | 1740011335671 | *** | X           |                       |               | X                 |                 |                 |                |
|     | LF                                     |                                           |        |               |     |             |                       |               |                   |                 |                 |                |
|     | MANIFOLD SERVICE UNIT                  | NONE                                      | NO-LIN | 4220010050704 | *** | X           |                       |               | X                 |                 |                 |                |
|     | MANIFOLD SERVICE UNIT                  | NONE                                      | NO-LIN | 4220010053276 | *** | X           |                       |               | X                 |                 |                 |                |
|     | PROVER TK (TRL/<br>TRKMTD)             | NONE                                      | P83026 | 6680011315110 | *** | X           |                       |               | X                 |                 |                 |                |
|     | QZ                                     | TOOLS & TEST EQUIP/TRAINING AIDS/DEVICES  |        |               |     |             |                       |               |                   |                 |                 |                |
| R   | TOOL OUTFIT HY SYS                     | NONE                                      | T30377 | 4940010365784 | 2DD | X           |                       |               | X                 |                 |                 |                |
|     | AMMO AND AMMO EQUIP                    |                                           |        |               |     |             |                       |               |                   |                 |                 |                |
|     | RZ                                     | TOOLS & TEST EQUIP/TRAINING AIDS/DEVICES  |        |               |     |             |                       |               |                   |                 |                 |                |
| S   | CARTRIDGE SUBCALIBER AMMO TNG          |                                           | C34386 | 6920012935689 | *** |             | X                     |               |                   |                 |                 |                |
|     | INSTALLATIONS DEPOT PECULIAR SVC EQUIP |                                           |        |               |     |             |                       |               |                   |                 |                 |                |
|     | SY                                     | LAWN MOWER/SNOW REMOVAL/GROUND MAINT, ETC |        |               |     |             |                       |               |                   |                 |                 |                |
|     | LAWN RTR (SP-RIDING)                   | NONE                                      | M79603 | 3750000612815 | *** | X           |                       |               | X                 |                 |                 |                |
|     | MOWER TFICH RIDING                     | 7RLHYD                                    | M79706 | 3750002365199 | *** | X           |                       |               | X                 |                 |                 |                |
|     | LAWN MOWER RIDING                      | NONE                                      | NO-LIN | 3750002517357 | *** | X           |                       |               | X                 |                 |                 |                |
|     | MOWER LAWN TURF                        | NONE                                      | M19576 | 3750005015698 | *** | X           |                       |               | X                 |                 |                 |                |
|     | MOWER RTR (TRCTR<br>TOW)               | NONE                                      | M55859 | 3750005554639 | *** | X           |                       |               | X                 |                 |                 |                |
|     | MOWER LWN (TRCTR<br>PRO)               | M79640                                    | M79640 | 3750007297030 | *** | X           |                       |               | X                 |                 |                 |                |
|     | MOWER ATT (TFICTR<br>TOW)              | NONE                                      | M79671 | 3750008281462 | *** | X           |                       |               | X                 |                 |                 |                |
|     | MOWER ATT (TRCTR<br>TOW)               | 741 CORS                                  | M79400 | 3750010047848 | *** | X           |                       |               | X                 |                 |                 |                |
|     | LAWN MOWER RIDING                      | 721N CUT                                  | M79535 | 3750010152249 | *** | X           |                       |               | X                 |                 |                 |                |
|     | LAWN MOWER RIDING                      | 761N CUT                                  | M79661 | 3750010191563 | *** | X           |                       |               | X                 |                 |                 |                |
|     | LAWN MOWER                             | NONE                                      | NO-LIN | 3750011656768 | *** | X           |                       |               | X                 |                 |                 |                |
|     | SNOW REMVL UT<br>(TRKMTD)              | NONE                                      | T87602 | 3825000182121 | FRD | X           |                       |               | X                 |                 |                 |                |
|     | SNOWPLW (TRK MTD)                      | NONE                                      | T88838 | 3825004087361 | FRM | X           |                       |               | X                 |                 |                 |                |
|     | SNOWPLW (TRK MTD)                      | NONE                                      | T88821 | 3825004090090 | FRL | X           |                       |               | X                 |                 |                 |                |
|     | SNOW REMVLUT                           | NONE                                      | NO-LIN | 3825005423209 | *** | X           |                       |               | X                 |                 |                 |                |
|     | SNOW REMVL UT<br>(TRKMTD)              | S-349V                                    | T87568 | 3825008107074 | EF3 | X           |                       |               | X                 |                 |                 |                |
|     | SNOW BLOWER (TRCT<br>ATT)              | NONE                                      | T86994 | 3825010146282 | *** | X           |                       |               | X                 |                 |                 |                |
| W   | FURNITURE AND APPLIANCES               |                                           |        |               |     |             |                       |               |                   |                 |                 |                |
|     | WT                                     | KITCHEN EQUIPMENT                         |        |               |     |             |                       |               |                   |                 |                 |                |
|     | GRILL CHAR (MOBILE)                    | NONE                                      | C27075 | 731000140502  | *** | X           |                       |               | X                 |                 |                 |                |
|     | KITCHEN FLD (TRLR<br>MTD)              | NONE                                      | L28351 | 7360001387782 | YBC | X           |                       |               | X                 |                 |                 |                |
|     | KITCHEN FLD                            | MFK75A                                    | L28351 | 7360010920470 | YBL | X           |                       |               | X                 |                 |                 |                |
|     | KITCHEN FLD (TRLR<br>MTD)              | MKT-82                                    | L28351 | 7360011556020 | YBM | X           |                       |               | X                 |                 |                 |                |

**Table E-2**  
**Identification of Required Forms for Combat/Tactical Vehicles and Support Equipment—Continued**

| ECC | NOUN             | MODEL  | LIN    | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|------------------|--------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | KITCHEN FLD TRLR | MKT-85 | L28351 | 7360012141176 | YBT | X           |                       |               | X                 |                 |                 |                |
|     | KITCHEN FLD      | MKT-90 | L28351 | 7360013132238 | *** | X           |                       |               | X                 |                 |                 |                |

**Table E-3**  
**Identification of required forms for railway**

| ECC | NOUN                  | MODEL  | LIN    | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|-----------------------|--------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
| M   | RAILWAY EQUIPMENT     |        |        |               |     |             |                       |               |                   |                 |                 |                |
|     | MA RAILWAY CARS       |        |        |               |     |             |                       |               |                   |                 |                 |                |
|     | RY CAR BOX WOOD 30T   | Q98454 | Q98454 | 2220001420200 | XD5 |             |                       |               | X                 |                 |                 |                |
|     | RY CAR BOX 30T        | Q98591 | Q98591 | 2220002620753 | XCE |             |                       |               | X                 |                 |                 |                |
|     | RY CAR BOX 50T        | Q98728 | Q98728 | 2220002641826 | XEV |             |                       |               | X                 |                 |                 |                |
|     | RY CAR BOX 40T        | Q98728 | Q98728 | 2220007287306 | XGN |             |                       |               | X                 |                 |                 |                |
|     | RY CAR BOX 40T        | Q98728 | Q98728 | 2220003770228 | XFG |             |                       |               | X                 |                 |                 |                |
|     | RY CAR BOX AMMO 50T   | Q98796 | Q98796 | 2220007277112 | XGM |             |                       |               | X                 |                 |                 |                |
|     | RY CAR BOX 50T        | Q98815 | Q98815 | 2220004833837 | XFM |             |                       |               | X                 |                 |                 |                |
|     | RY CAR BOX 70T        | Q98825 | Q98825 | 2220005978727 | XGE |             |                       |               | X                 |                 |                 |                |
|     | RY CAR CABOOSE 50T    | Q99037 | Q99037 | 2220000072176 | *** |             |                       |               | X                 |                 |                 |                |
|     | RY CAR CABOOSE 50T    | Q99037 | Q99037 | 2220010270385 | *** |             |                       |               | X                 |                 |                 |                |
|     | RY CAR FLAT 30T       | Q99276 | Q99276 | 2220006600938 | XGI |             |                       |               | X                 |                 |                 |                |
|     | RY CAR FLAT PASS 100T | Q90413 | Q90413 | 2220002638936 | XEU |             |                       |               | X                 |                 |                 |                |
|     | RY CAR FLAT FRT 100T  | Q99550 | Q99550 | 2220005408830 | XF2 |             |                       |               | X                 |                 |                 |                |
|     | RY CAR FLAT FRT 150T  | Q99550 | Q99550 | 2220002878130 | XE4 |             |                       |               | X                 |                 |                 |                |
|     | RY CAR FLAT FRT 200T  | Q99550 | Q99550 | 2220003519814 | XFE |             |                       |               | X                 |                 |                 |                |
|     | RY CAR FLAT FRT 100T  | Q99550 | Q99550 | 2220002638935 | XET |             |                       |               | X                 |                 |                 |                |
|     | RY CAR FLAT 40T       | Q99687 | Q99687 | 2220005929832 | XGD |             |                       |               | X                 |                 |                 |                |
|     | RY CAR FLAT 50T       | Q99687 | Q99687 | 2220002615861 | XEC |             |                       |               | X                 |                 |                 |                |
|     | RY CAR FLAT FRT 80T   | Q99824 | Q99824 | 2220002638846 | XCQ |             |                       |               | X                 |                 |                 |                |
|     | RY CAR FLAT FRT 80T   | Q99824 | Q99824 | 2220002878899 | XE5 |             |                       |               | X                 |                 |                 |                |
|     | RY CAR FLAT 40T       | R00098 | R00098 | 2220002618048 | XCB |             |                       |               | X                 |                 |                 |                |
|     | RY CAR FLAT 80T       | R00235 | R00235 | 2220005540453 | XC7 |             |                       |               | X                 |                 |                 |                |
|     | RY CAR FLAT 70T       | R00372 | R00372 | 2220002942469 | XFA |             |                       |               | X                 |                 |                 |                |
|     | RY CAR FLAT 140T      | R00406 | R00406 | 2220001029674 | XDT |             |                       |               | X                 |                 |                 |                |
|     | RY CAR FLAT 150T      | R00432 | R00432 | 2220003917004 | *** |             |                       |               | X                 |                 |                 |                |
|     | RY CAR FLAT WELL 90T  | R00458 | R00458 | 2220002114324 | XD8 |             |                       |               | X                 |                 |                 |                |
|     | RY CAR FLAT WELL 135T | R00484 | R00484 | 2220003574924 | XFD |             |                       |               | X                 |                 |                 |                |
|     | RY CAR GONDOLA 50T    | R00646 | R00646 | 2220002620755 | XEM |             |                       |               | X                 |                 |                 |                |
|     | RY CAR GONDOLA 40T    | R00646 | R00646 | 2220005926648 | XGC |             |                       |               | X                 |                 |                 |                |
|     | RY CAR GONDOLA 40T    | R00783 | R00783 | 2220002878507 | XCG |             |                       |               | X                 |                 |                 |                |
|     | RY CAR GONDOLA 50T    | R01057 | R01057 | 2220002621372 | XEP |             |                       |               | X                 |                 |                 |                |
|     | RY CAR GONDOLA 40T    | R01194 | R01194 | 2220002992866 | XCH |             |                       |               | X                 |                 |                 |                |
|     | RY CAR GONDOLA 40T    | R01194 | R01194 | 2220008030954 | XGQ |             |                       |               | X                 |                 |                 |                |
|     | RY CAR GUARD          | R01331 | R01331 | 2220008981755 | XCX |             |                       |               | X                 |                 |                 |                |
|     | RY CAR HOPPER 50T     | R01468 | R01468 | 2220001538893 | XCF |             |                       |               | X                 |                 |                 |                |
|     | RY CAR HOPPER 70T     | R01468 | R01468 | 2220005420215 | XF4 |             |                       |               | X                 |                 |                 |                |
|     | RY CAR HOPPER 100T    | R01468 | R01468 | 2220012373718 | XD1 |             |                       |               | X                 |                 |                 |                |
|     | RY CAR TROOP HOSP     | R01605 | R01605 | 2220002620006 | XEK |             |                       |               | X                 |                 |                 |                |
|     | RY CAR MP GUARD       | R02165 | R02165 | 2220010343076 | XG7 |             |                       |               | X                 |                 |                 |                |
|     | RY CAR SIDE DUMP      | R02701 | R02701 | 2220002614841 | XEB |             |                       |               | X                 |                 |                 |                |
|     | RY CAR SPOTTER        | R02838 | R02838 | 2210001420230 | XD6 |             |                       |               | X                 |                 |                 |                |
|     | RY CAR SPOTTER        | R02838 | R02838 | 2210005433289 | XF5 |             |                       |               | X                 |                 |                 |                |
|     | RY CAR TANK (CHEM)    | R02975 | R02975 | 2220002701355 | XEX |             |                       |               | X                 |                 |                 |                |
|     | RY CAR TANK (CHEM)    | R02975 | R02975 | 2220002992857 | XFB |             |                       |               | X                 |                 |                 |                |
|     | RY CAR TANK (CHEM)    | R02975 | R02975 | 2220002623981 | XER |             |                       |               | X                 |                 |                 |                |
|     | RY CAR TANK (CHEM)    | R02975 | R02975 | 2220002629980 | XEQ |             |                       |               | X                 |                 |                 |                |
|     | RY CAR TANK (CHEM)    | R02975 | R02975 | 2220002619999 | XEG |             |                       |               | X                 |                 |                 |                |
|     | RY CAR TANK (CHEM)    | R02975 | R02975 | 2220002619998 | XEF |             |                       |               | X                 |                 |                 |                |
|     | RY CAR TANK (CHEM)    | R02975 | R02975 | 2220002619997 | XEE |             |                       |               | X                 |                 |                 |                |
|     | RY CAR TANK (CHEM)    | R02975 | R02975 | 2220002618630 | XED |             |                       |               | X                 |                 |                 |                |

**Table E-3**  
**Identification of required forms for railway—Continued**

| ECC | NOUN                       | MODEL  | LIN    | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|----------------------------|--------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | RY CAR TANK (CHEM)         | R02975 | R02975 | 2220005346142 | XFZ |             |                       |               |                   | X               |                 |                |
|     | RY CAR TANK (CHEM)         | R02975 | R02975 | 2220005336940 | XFV |             |                       |               |                   | X               |                 |                |
|     | RY CAR TANK (CHEM)         | R02975 | R02975 | 2220005299090 | XFR |             |                       |               |                   | X               |                 |                |
|     | RY CAR TANK (CHEM)         | R02975 | R02975 | 2220004613593 | XFL |             |                       |               |                   | X               |                 |                |
|     | RY CAR TANK PETRO-<br>LEUM | R03386 | R03386 | 2220002620752 | XCD |             |                       |               |                   | X               |                 |                |
|     | RY CAR TANK PETRO-<br>LEUM | R03386 | R03386 | 2220006164902 | XGF |             |                       |               |                   | X               |                 |                |
|     | RY CAR TANK POL 103W       | R03523 | R03523 | 2220002620004 | XEJ |             |                       |               |                   | X               |                 |                |
|     | RY CAR TANK POL ARA07      | R03523 | R03523 | 2220005756551 | XGB |             |                       |               |                   | X               |                 |                |
|     | RY CAR TANK POL            | R03523 | R03523 | 2220002620003 | XEH |             |                       |               |                   | X               |                 |                |
|     | RY CAR TANK POL            | R03523 | R03523 | 2220005336484 | XFS |             |                       |               |                   | X               |                 |                |
|     | USG-A                      |        |        |               |     |             |                       |               |                   |                 |                 |                |
|     | RY CAR TANK POL 20000      | R03553 | R03553 | 2220005332740 | *** |             |                       |               |                   | X               |                 |                |
|     | RY CAR TANK S/A20000       | R03591 | R03591 | 2220009307001 | XGZ |             |                       |               |                   | X               |                 |                |
|     | RY CAR TANK WATER          | R03660 | R03660 | 2220005542724 | XF8 |             |                       |               |                   | X               |                 |                |
|     | RY CAR FLAT 140T           | R99755 | R99755 | 2220010586377 | XG8 |             |                       |               |                   | X               |                 |                |
|     | MB RAILWAY CARS            |        |        |               |     |             |                       |               |                   |                 |                 |                |
|     | RY MAINT CAR               | NO-LIN | NO-LIN | 2230002701363 | *** |             |                       |               |                   | X               |                 |                |
|     | RY MAINT CAR               | NO-LIN | NO-LIN | 2230002701362 | *** |             |                       |               |                   | X               |                 |                |
|     | RY CAR TRL MNT MULT        | R03797 | R03797 | 2230001649583 | *** |             |                       |               |                   | X               |                 |                |
|     | RY CAR MAINT (TRLR)        | R04482 | R04482 | 2230002620758 | XFI |             |                       |               |                   | X               |                 |                |
|     | RY MTR CAR MNT 8-MAN       | R05578 | R05578 | 2230002620766 | XDO |             |                       |               |                   | X               |                 |                |
|     | RY MTR CAR MNT 2-MAN       | R07085 | R07085 | 2230002620759 | *** |             |                       |               |                   | X               |                 |                |
|     | RY MTR CAR MNT             | R07359 | R07359 | 2230002880319 | XE9 |             |                       |               |                   | X               |                 |                |
|     | 28-MAN                     |        |        |               |     |             |                       |               |                   |                 |                 |                |
|     | RY MTR CAR MNT 4-MAN       | R07496 | R07496 | 2230002620761 | XDC |             |                       |               |                   | X               |                 |                |
|     | RY MTR CAR MNT 4-MAN       | R07633 | R07633 | 2230002620762 | XDD |             |                       |               |                   | X               |                 |                |
|     | RY MTR CAR MNT 8-MAN       | R07770 | R07770 | 2230010462814 | *** |             |                       |               |                   | X               |                 |                |
|     | RY MTR CAR MNT             | R07770 | R07770 | 223000926105a | *** |             |                       |               |                   | X               |                 |                |
|     | 10-MAN                     |        |        |               |     |             |                       |               |                   |                 |                 |                |
|     | RY MTR CAR MNT 8-MAN       | R07770 | R07770 | 2230011327915 | *** |             |                       |               |                   | X               |                 |                |
|     | RY MTR CAR MNT 8-MAN       | R07770 | R07770 | 2230002620763 | XEI |             |                       |               |                   | X               |                 |                |
|     | LOCO DIESEL 5T DFS         | L79673 | L79673 | 2210007732510 | XGP |             |                       |               |                   | X               |                 |                |
|     | LOCO DIESEL 10T DS         | L80221 | L80221 | 2210008255050 | XC8 |             |                       |               |                   | X               |                 |                |
|     | LOCO DIESEL 100-120T       | L80358 | L80358 | 2210008199320 | XCU |             |                       |               |                   | X               |                 |                |
|     | LOCO DIESEL 100-120T       | L80358 | L80358 | 2210001128508 | XCA |             |                       |               |                   | X               |                 |                |
|     | LOCO DIESEL 100-120T       | L80358 | L80358 | 2210003717535 | XCI |             |                       |               |                   | X               |                 |                |
|     | LOCO DIESEL 25-45T         | L80495 | L80495 | 2210008211135 | XCW |             |                       |               |                   | X               |                 |                |
|     | LOCO DIESEL 25-45T         | L80495 | L80495 | 2210008043610 | XCL |             |                       |               |                   | X               |                 |                |
|     | LOCO DIESEL 25-45T         | L80495 | L80495 | 2210005299038 | XCJ |             |                       |               |                   | X               |                 |                |
|     | LOCO DIESEL 60T DFS        | L80632 | L80632 | 2210011582978 | XCY |             |                       |               |                   | X               |                 |                |
|     | LOCO DIESEL 60T DFS        | L80632 | L80632 | 2210008199318 | XCS |             |                       |               |                   | X               |                 |                |
|     | LOCO DIESEL 65T DFS        | L80678 | L80678 | 2210008199319 | XCT |             |                       |               |                   | X               |                 |                |
|     | LOCO DIESEL 80T DFS        | L80724 | L80724 | 2210008205451 | XCV |             |                       |               |                   | X               |                 |                |
|     | LOCO DIESEL 80T DFS        | L80724 | L80724 | 2210008043615 | XCN |             |                       |               |                   | X               |                 |                |
|     | LOCO DIESEL 80T DFS        | L80724 | L80724 | 2210011582980 | XC3 |             |                       |               |                   | X               |                 |                |
|     | LOCO DIESEL 80T DFS        | L80724 | L80724 | 2210008043614 | XCM |             |                       |               |                   | X               |                 |                |
|     | LOCO DIESEL 120-131T       | L80769 | L80769 | 2210008199317 | XCR |             |                       |               |                   | X               |                 |                |
|     | LOCO DIESEL 120-131T       | L80769 | L80769 | 2210011193433 | XOD |             |                       |               |                   | X               |                 |                |
|     | LOCO DIESEL 120-131T       | L80769 | L80769 | 2210008153521 | XCP |             |                       |               |                   | X               |                 |                |

**Table E-3**  
**Identification of required forms for railway—Continued**

| ECC | NOUN                     | MODEL  | LIN    | NSN           | EIC | REG#<br>REQ | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|--------------------------|--------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | LOCO DIESEL 120-131T     | L80769 | L80769 | 2210002620751 | XCC |             |                       |               |                   | X               |                 |                |
|     | LOCO DIESEL 120-131T     | L80769 | L80769 | 2210008145291 | XCO |             |                       |               |                   | X               |                 |                |
|     | LOCO DIESEL 120-131T     | L80769 | L80769 | 2210005540785 | XCK |             |                       |               |                   | X               |                 |                |
|     | LOCO DIESEL              | NO-LIN | NO-LIN | 2210002878901 | XE6 |             |                       |               |                   | X               |                 |                |
|     | LOCO DIESEL              | NO-LIN | NO-LIN | 2210001128510 | *** |             |                       |               |                   | X               |                 |                |
|     | LOCO DIESEL              | NO-LIN | NO-LIN | 2210013239175 | *** |             |                       |               |                   | X               |                 |                |
|     | MD RAILWAY CRANES        |        |        |               |     |             |                       |               |                   |                 |                 |                |
|     | CRANE (MULTIPURPOSE)     | C37162 | C37162 | 2230011757299 | XOH |             |                       |               |                   | X               |                 |                |
|     | CRANE GANTRY 50T         | F36756 | F36756 | 3950010907712 | EQA |             |                       |               |                   | X               |                 |                |
|     | CRANE LOCO 25T DFS       | F37186 | F37186 | 2230008099862 | XDF |             |                       |               |                   | X               |                 |                |
|     | CRANE LOCO 25T DFS       | F37186 | F37186 | 2230001749130 | XDA |             |                       |               |                   | X               |                 |                |
|     | CRANE LOCO 25T DFS       | F37186 | F37186 | 2230008099865 | XGR |             |                       |               |                   | X               |                 |                |
|     | CRANE LOCO 25T DFS       | F37816 | F37186 | 2230008099863 | XDG |             |                       |               |                   | X               |                 |                |
|     | CRANE LOCO 40T DFS       | F37460 | F37460 | 2230009396649 | XC9 |             |                       |               |                   | X               |                 |                |
|     | CRANE LOCO 40T FS        | F37460 | F37460 | 2230005542728 | XDE |             |                       |               |                   | X               |                 |                |
|     | CRANE LOCO 150T DS       | F38008 | F38008 | 2230006240180 | XGH |             |                       |               |                   | X               |                 |                |
|     | CRANE LOCO 40T DS        | NO-LIN | NO-LIN | 2230001749131 | XD7 |             |                       |               |                   | X               |                 |                |
|     | ME MISCELLANEOUS         |        |        |               |     |             |                       |               |                   |                 |                 |                |
|     | BALLAST REGULATOR        | B22967 | B22967 | 2230001101894 | XDU |             |                       |               |                   | X               |                 |                |
|     | TRL MNT RPR RAIL CA      | T33619 | T33619 | 2230013043005 | *** |             |                       |               |                   | X               |                 |                |
|     | SNOWPLOW RY (CAR<br>MTD) | T88479 | T88479 | 2230005299039 | XFQ |             |                       |               |                   | X               |                 |                |

**Table E-4**  
**Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles**

| ECC | NOUN                          | MODEL  | LIN    | NSN           | EIC | REG#<br>REC | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|-------------------------------|--------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
| V   | NON-TACTICAL WHEELED VEHICLES |        |        |               |     |             |                       |               |                   |                 |                 |                |
|     | VB TRUCKS, DUMP               |        |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRK DUMP (QUARRY)             | T43273 | T43273 | 2320012770244 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRK DUMP (SLUDGE<br>CONV)     | T43716 | T43716 | 2320011459095 | FYC | X           |                       |               | X                 |                 |                 |                |
|     | TRK DUMP (FLAT BED)           | T45244 | T45244 | 2320011162966 | FX4 | X           |                       |               | X                 | X               |                 |                |
|     | TRK DUMP (1-2CY-4X4)          | X43447 | X43447 | 2320010909533 | FWJ | X           |                       |               | X                 | X               |                 |                |
|     | TRK DUMP (1CY-4X2)            | X43561 | X43561 | 2320010919062 | FXS | X           |                       |               | X                 | X               |                 |                |
|     | TRK DUMP (2-4CY-4X2)          | X43563 | X43563 | 2320010911682 | FXE | X           |                       |               | X                 | X               |                 |                |
|     | TRK DUMP (3-5CY-4X2)          | X43564 | X43564 | 2320010909532 | FWH | X           |                       |               | X                 | X               |                 |                |
|     | TRK DUMP (3-5CY-04)           | X43565 | X43565 | 2320010911681 | FXD | X           |                       |               | X                 | X               |                 |                |
|     | TRK DUMP (4-1/2T-4X2)         | X43571 | X43571 | 2320010907818 | FMH | X           |                       |               | X                 | X               |                 |                |
|     | TRK DUMP (5-1/2T-4X2)         | X43571 | X43571 | 2320010907815 | FMG | X           |                       |               | X                 | X               |                 |                |
|     | TRK DUMP (8T-4X2)             | X43589 | X43589 | 2320010907816 | FMJ | X           |                       |               | X                 | X               |                 |                |
|     | TRK DUMP (8T-4X2)             | X43589 | X43589 | 2320010907819 | FML | X           |                       |               | X                 | X               |                 |                |
|     | TRK DUMP (8-1/2T-4X2)         | X43589 | X43589 | 2320010907817 | FMK | X           |                       |               | X                 | X               |                 |                |
|     | TRK DUMP (3-WAY-4X4)          | X43972 | X43972 | 2320006211415 | FLA | X           |                       |               | X                 | X               |                 |                |
|     | TRK DUMP (5-1/2T-4X4)         | X43982 | X43982 | 2320010907820 | FMM | X           |                       |               | X                 | X               |                 |                |
|     | TRK DUMP (8T-4X4)             | X43982 | X43982 | 2320010907821 | FMN | X           |                       |               | X                 | X               |                 |                |
|     | TRK DUMP (10T-6X6)            | X44119 | X44119 | 2320010907825 | FMQ | X           |                       |               | X                 | X               |                 |                |
|     | TRK DUMP (8T-6X6)             | X44119 | X44119 | 2320010907824 | FMP | X           |                       |               | X                 | X               |                 |                |
|     | TRK DUMP (7-3/4T-6X4)         | X44256 | X44256 | 2320010907822 | FMR | X           |                       |               | X                 | X               |                 |                |
|     | TRK DUMP (10T-6X4)            | X44256 | X44256 | 2320010907823 | FMS | X           |                       |               | X                 | X               |                 |                |
|     | VC TRUCKS, FIREFIGHTING       |        |        |               |     |             |                       |               |                   |                 |                 |                |
|     | FF EQUIP SET A/AC             | H56391 | H56391 | 4210002028076 | ZMN | X           |                       |               | X                 | X               |                 |                |
|     | FF EQUIP SET (TRK MTD)        | H56391 | H56391 | 4210011522699 | ZML | X           |                       |               | X                 | X               |                 |                |
|     | FF EQUIP SET BRUSH            | H56528 | H56528 | 4210003930349 | ZMD | X           |                       |               | X                 | X               |                 |                |
|     | FF EQUIP SET STRUCT           | H56802 | H56802 | 4210003930353 | ZND | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF SET                    | NO-LIN | NO-LIN | 4210011933621 | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF (SUPPRESSION)          | NO-LIN | NO-LIN | 4210004022081 | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF                        | NO-LIN | NO-LIN | 4210001654920 | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF                        | NO-LIN | NO-LIN | 4210012908755 | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF                        | NO-LIN | NO-LIN | 4210012492110 | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF                        | NO-LIN | NO-LIN | 4210008922172 | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF PUMP                   | NO-LIN | NO-LIN | 4210008922172 | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF DRY CHEMICAL           | T44805 | T44805 | 4210002026247 | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF DRY CHEM               | T44807 | T44807 | 4210012220668 | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF DRY CHEM/AFFF          | T44807 | T44807 | 4210012220668 | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF (BRUSH/PUMPER)         | T67209 | T67209 | 4210011594823 | ZM5 | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF                        | X38172 | X38172 | 4210010061534 | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF CRASH/RESCUE           | X39426 | X39426 | 4210004845729 | ZMH | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF 500 GPM                | X44684 | X44684 | 4210008664389 | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF 500 GPM                | X44684 | X44684 | 4210008326953 | ZMT | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF POWERED<br>PUMPER      | X44701 | X44701 | 4210005777656 | ZMR | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF POWERED<br>PUMPER      | X44701 | X44701 | 4210010254976 | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF POWERED<br>PUMPER      | X44701 | X44701 | 4210001026466 | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF POWERED<br>PUMPER      | X44701 | X44701 | 4210008326952 | *** | X           |                       |               | X                 | X               |                 |                |

**Table E-4**  
**Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles—Continued**

| ECC | NOUN                              | MODEL  | LIN    | NSN           | EIC | REG#<br>REC | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|-----------------------------------|--------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | TRK FF POWERED<br>PUMPER          | X44701 | X44701 | 4210012198763 | ZMM | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF LDR WTR TOWER              | X44718 | X44718 | 4210009651254 | ZMJ | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF (BRUSH/STRUCT)             | X44733 | X44733 | 4210010262567 | ZMK | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF BRUSH/WATER                | X44739 | X44739 | 4210002889121 | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF PUMP FOAM/WTR              | X44804 | X44804 | 4210005422113 | ZM7 | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF PUMP FOAM/WTR              | X44804 | X44804 | 4210006200106 | ZNA | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF PUMP FOAM/WTR              | X44804 | X44804 | 4210005422195 | ZM8 | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF (CRASH)                    | X45095 | X45095 | 4210011379944 | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF 1500 GAL 6X6               | X45095 | X45695 | 4210001846415 | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK FF 1000-2000 GAL              | X45144 | X45144 | 4210001344401 | *** | X           |                       |               | X                 | X               |                 |                |
|     | VD TRUCKS, HOPPER                 |        |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRK HOPPER (COAL)                 | X48792 | X48792 | 2320002734426 | FLC | X           |                       |               | X                 | X               |                 |                |
|     | TRK HOPPER (COAL)                 | X48799 | X48799 | 2320004634561 | FMT | X           |                       |               | X                 | X               |                 |                |
|     | VE TRUCKS, MAINTENANCE            |        |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRK MAINT                         | NO-LIN | NO-LIN | 2320000088242 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRK MAINT VAN-TYPE                | T53919 | T53919 | 232001917825  | FGD | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT LINE CONST              | T54188 | T54188 | 2320010777837 | FVD | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT (1/4T 4X2)              | T54265 | T54265 | 2320010917826 | FGE | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT FURN CLN                | T80880 | T80880 | 2320011648367 | FYD | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT LINE CONST              | X53366 | X53366 | 2320004371137 | FKC | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT LINE CONST              | X53371 | X53371 | 2320004634580 | FMU | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT LINE CONST              | X53376 | X53376 | 2320004634582 | FMV | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT LINE CONST              | X53400 | X53400 | 2320004371140 | FLD | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT LINE CONST              | X53402 | X53402 | 2320002248859 | FMW | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT LINE CONST              | X53406 | X53406 | 2320001173418 | FMX | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT RIGGER                  | X53426 | X53426 | 2320010911724 | FKD | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT RDS/GNDS                | X53430 | X53430 | 2320010907903 | FWC | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT 1-1/2T 4X2              | X53432 | X53432 | 2320010909566 | FHC | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT TELE                    | X53572 | X53572 | 2320007826886 | FHG | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT TELE                    | X53572 | X53572 | 2320008922154 | FHJ | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT                         | X53572 | X53572 | 2320009267000 | FHN | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT                         | X53572 | X53572 | 2320009267001 | FHP | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT                         | X53572 | X53572 | 2320009267032 | FHQ | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT TELE                    | X53572 | X53572 | 2320002871991 | FHD | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT TELE                    | X53572 | X53572 | 2320007826889 | FHH | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT TELE                    | X53790 | X53790 | 2320002354815 | FHR | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT UTIL                    | X53848 | X53848 | 2320004107313 | FVC | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT UTIL                    | X53851 | X53851 | 2320004113970 | FH9 | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT UTIL                    | X53856 | X53856 | 2320002771396 | FKE | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT WTR/SEWER               | X53876 | X53876 | 2320010909564 | FLE | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT W/HI-LIFT               | X53886 | X53886 | 2320010911726 | FXN | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT W/HI-LIFT               | X53896 | X53896 | 2320010911725 | FXM | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT (1/4T 4X4)              | X54175 | X54175 | 2320010919075 | FGF | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT (1T-4X4)                | X54197 | X54197 | 2320010919076 | FHB | X           |                       |               | X                 | X               |                 |                |
|     | TRK MAINT 1-1/2T 4X2              | X54200 | X54200 | 2320010909565 | FHS | X           |                       |               | X                 | X               |                 |                |
|     | VF TRUCKS, FERFUSE/<br>COLLECTION |        |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRK REFUSE BODY COLL              | B85265 | B85265 | 2510004905518 | FTA | X           |                       |               | X                 | X               |                 |                |
|     | TRK REFUSE BODY COLL              | B85270 | B85270 | 2510004904100 | FTB | X           |                       |               | X                 | X               |                 |                |
|     | TRK REFUSE BODY COLL              | B85275 | B85275 | 2510004904105 | FTC | X           |                       |               | X                 | X               |                 |                |
|     | TRK REFUSE BODY COLL              | B85280 | B85280 | 2510004904103 | FTD | X           |                       |               | X                 | X               |                 |                |

**Table E-4**  
**Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles—Continued**

| ECC | NOUN                     | MODEL  | LIN    | NSN            | EIC | REG#<br>REC | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|--------------------------|--------|--------|----------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | TRK REFUSE BODY COLL     | B85296 | B85296 | 2510004904102  | FTE | X           |                       |               | X                 | X               |                 |                |
|     | TRK REFUSE BODY COLL     | B85306 | 85306  | 2510004904101  | FTF | X           |                       |               | X                 | X               |                 |                |
|     | TRK REFUSE BODY COLL     | B85318 | B85318 | 2510001653943  | FTG | X           |                       |               | X                 | X               |                 |                |
|     | TRK REFUSE PACKER        | E61002 | E61002 | 3990001388304  | FTM | X           |                       |               | X                 | X               |                 |                |
|     | TRK REFUSE BODY          | NO-LIN | NO-LIN | 2510004904104  | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK REFUSE BODY          | NO-LIN | NO-LIN | 2510004904099  | *** | X           |                       |               | X                 | X               |                 |                |
|     | REFUSE HOISTING UNIT     | R66175 | R66175 | 3990010463654  | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK DUMP REFUSE COLL     | X43580 | X43580 | 2320010911683  | FXF | X           |                       |               | X                 | X               |                 |                |
|     | TRK REUFSE TILT FRAME    |        |        |                |     |             |                       |               |                   |                 |                 |                |
|     |                          | X45187 | X45187 | 2320004634584  | FMY | X           |                       |               | X                 | X               |                 |                |
|     | TRK REFUSE MAT           | X54428 | X54428 | 2320002790683  | DRD | X           |                       |               | X                 | X               |                 |                |
|     | HNDLG                    |        |        |                |     |             |                       |               |                   |                 |                 |                |
|     | TRK REFUSE HNDLG         | X54433 | X54433 | 2320002757932  | DRE | X           |                       |               | X                 | X               |                 |                |
|     | TRK REFUSE MAT           | X54445 | X54445 | 2320004602564  | DRB | X           |                       |               | X                 | X               |                 |                |
|     | HNDLG                    |        |        |                |     |             |                       |               |                   |                 |                 |                |
|     | TRK REFUSE MAT           | X54448 | X54448 | 2320004589765  | DRC | X           |                       |               | X                 | X               |                 |                |
|     | HNDLG                    |        |        |                |     |             |                       |               |                   |                 |                 |                |
|     | TRK REFUSE W/HOPPER      | X55820 | X55820 | 2320004898323  | FKH | X           |                       |               | X                 | X               |                 |                |
|     | TRK REFUSE W/HOPPER      | X55832 | X55832 | 2320001741610  | FLK | X           |                       |               | X                 | X               |                 |                |
|     | TRK REFUSE W/HOPPER      | X55837 | X55837 | 2320004115798  | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK REFUSE W/HOPPER      | X55839 | X55839 | 2320004898324  | FM6 | X           |                       |               | X                 | X               |                 |                |
|     | REFUSE HOISTING UNIT     | X55842 | X55842 | 2320009636269  | FLL | X           |                       |               | X                 | X               |                 |                |
|     | REFUSE HOISTING UNIT     | X55847 | X55847 | 2320009636270  | FM7 | X           |                       |               | X                 | X               |                 |                |
|     | VH TRUCKS, TANK          |        |        |                |     |             |                       |               |                   |                 |                 |                |
|     | TRK TANK (FISH TRANS)    | T57329 | T57329 | 2320012256087  | FYJ | X           |                       |               | X                 | X               |                 |                |
|     | TRK TANK (ACID)          | X57261 | X57261 | 2320010911044  | FXC | X           |                       |               | X                 | X               |                 |                |
|     | TRK TANK (FSA)           | X57545 | X57545 | 2320010907809  | FV7 | X           |                       |               | X                 | X               |                 |                |
|     | TRK TANK (F/S)           | X57545 | X57545 | 2320010907808  | FV6 | X           |                       |               | X                 | X               |                 |                |
|     | TRK TANK (FSA)           | X57682 | X57682 | 2320010907802  | FVY | X           |                       |               | X                 | X               |                 |                |
|     | TRK TANK (F/S)           | X57682 | X57682 | 2320010907800  | FVW | X           |                       |               | X                 | X               |                 |                |
|     | TRK TANK (F/S)           | X57719 | X57719 | 2320010907801  | FVX | X           |                       |               | X                 | X               |                 |                |
|     | TRK TANK (FSA)           | X57719 | X57719 | 2320010907803  | FVZ | X           |                       |               | X                 | X               |                 |                |
|     | TRK TANK (FSA)           | X57819 | X57819 | 2320010907811  | FV9 | X           |                       |               | X                 | X               |                 |                |
|     | TRK TANK (F/S)           | X57819 | X57819 | 2320010941371  | FXV | X           |                       |               | X                 | X               |                 |                |
|     | TRK TANK (FSA)           | X57819 | X57819 | 2320010957480  | FXX | X           |                       |               | X                 | X               |                 |                |
|     | TRK TANK (FSA)           | X57956 | X57956 | 2320010907812  | FWA | X           |                       |               | X                 | X               |                 |                |
|     | TRK TANK (F/S)           | X58016 | X58016 | 2320010911680  | FXA | X           |                       |               | X                 | X               |                 |                |
|     | TRK TANK (HYDRO<br>SEED) | X58235 | X58235 | 2320010909530  | FXB | X           |                       |               | X                 | X               |                 |                |
|     | TRK TANK (LIQ CML)       | X58240 | X58240 | 2320010911677  | FW7 | X           |                       |               | X                 | X               |                 |                |
|     | TRK TANK (WATER)         | X58641 | X58641 | 23200,10907810 | FV8 | X           |                       |               | X                 | X               |                 |                |
|     | TRK TANK (WATER)         | X58778 | X58778 | 2320010907807  | FV5 | X           |                       |               | X                 | X               |                 |                |
|     | TRK TANK (WATER)         | X58778 | X58778 | 2320010907804  | FV2 | X           |                       |               | X                 | X               |                 |                |
|     | TRK TANK (WATER)         | X58815 | X58815 | 2320010907805  | FV3 | X           |                       |               | X                 | X               |                 |                |
|     | TRK TANK (WATER)         | X58815 | X58815 | 2320010907806  | FV4 | X           |                       |               | X                 | X               |                 |                |
|     | TRK TANK (WATER)         | X58815 | X58815 | 2320010907813  | FWB | X           |                       |               | X                 | X               |                 |                |
|     | VI TRUCKS, STAKE         |        |        |                |     |             |                       |               |                   |                 |                 |                |
|     | TRK STAKE                | NO-LIN | NO-LIN | 2320010957498  | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK STAKE                | NO-LIN | NO-LIN | 2320013027720  | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK STAKE (1T 4X2)       | X56038 | X56038 | 2320010907904  | FH6 | X           |                       |               | X                 | X               |                 |                |
|     | TRK STK (1-1/2T 4X2)     | X56038 | X56038 | 2320010899165  | FJA | X           |                       |               | X                 | X               |                 |                |
|     | TRK STK (1-1/2T 4X4)     | X56175 | X56175 | 2320010907910  | FH7 | X           |                       |               | X                 | X               |                 |                |

**Table E-4**  
**Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles—Continued**

| ECC | NOUN                           | MODEL  | LIN    | NSN           | EIC | REG#<br>REC | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|--------------------------------|--------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | TRK STAKE (1T 4X4)             | X56175 | X56175 | 2320010899166 | FJB | X           |                       |               | X                 | X               |                 |                |
|     | TRK STK (3-3/4T 4X4)           | X56312 | X56312 | 2320010957497 | FLP | X           |                       |               | X                 | X               |                 |                |
|     | TRK STK (3-1/2T 4X4)           | X56312 | X56312 | 2320010899167 | FLM | X           |                       |               | X                 | X               |                 |                |
|     | TRK STK (4-1/2T 4X4)           | X56312 | X56312 | 2320010907909 | FLN | X           |                       |               | X                 | X               |                 |                |
|     | TRK STK (3-1/2T 4X2)           | X56449 | X56449 | 2320010907905 | FLQ | X           |                       |               | X                 | X               |                 |                |
|     | TRK STK (4-1/2T 4X2)           | X56449 | X56449 | 2320010907906 | FLR | X           |                       |               | X                 | X               |                 |                |
|     | TRK STAKE (4X2)                | X56466 | X56466 | 2320010909569 | FWM | X           |                       |               | X                 | X               |                 |                |
|     | TRK STK (6-1/2T-4X2)           | X56483 | X56483 | 2320010907908 | FM9 | X           |                       |               | X                 | X               |                 |                |
|     | TRK STAKE (5T-4X2)             | X56483 | X56483 | 2320010907907 | FM8 | X           |                       |               | X                 | X               |                 |                |
|     | TRK STK (9-1/2T 6X6)           | X56723 | X56723 | 2320010907912 | FNA | X           |                       |               | X                 | X               |                 |                |
|     | TRK STAKE (10T 6X4)            | X56860 | X56860 | 2320010907911 | FNB | X           |                       |               | X                 | X               |                 |                |
|     | VJ TRUCKS, TRACTOR (ALL TYPES) |        |        |               |     |             |                       |               |                   |                 |                 |                |
|     | MOHV PRIME MOVER               | NO-LIN | NO-LIN | 2320012277490 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRK TCTR                       | NO-LIN | NO-LIN | 2320010228438 | *** | X           |                       |               |                   |                 |                 |                |
|     | TRK TCTR CALIBRATION           | X58955 | X58955 | 2320010911672 | FW3 | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR (DED/LWB)             | X58978 | X58978 | 2320010919061 | FXR | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR (DED) 6X4             | X58980 | X58980 | 2320010911671 | FW2 | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR (OIL FIELD)           | X59002 | X59002 | 2320010911673 | FW4 | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR STLR SPOT-TER         | X59032 | X59032 | 2320010911668 | FWY | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR STLR SPOT-TER         | X59042 | X59042 | 2320010911678 | FW8 | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR (SWB)                 | X59046 | X59046 | 2320010911674 | FW5 | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR (SWB)                 | X59049 | X59049 | 2320010911676 | FW6 | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR (4X2 6-8T)            | X59515 | X59515 | 2320010911670 | FNC | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR (6X4 15T)             | X59942 | X59942 | 2320010909528 | FND | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR (CNTNR HDL)           | X60101 | X60101 | 2320010911675 | DVV | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR 1600 GVW 4X2          | X60148 | X60148 | 2320010907779 | FVH | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR 2400 GVW 4X2          | X60148 | X60148 | 2320010907780 | FVJ | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR 32000GVW 4X2          | X60185 | X60185 | 2320010907782 | FVL | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR 28000GVW 4X2          | X60185 | X60185 | 2320010907781 | FVK | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR 24000GVW 4X4          | X60285 | X60285 | 2320010907783 | FVM | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR 34500GVW 6X4          | X60422 | X60422 | 2320010907784 | FVN | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR 39500GVW 6X4          | X60422 | X60422 | 2320010907785 | FVP | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR (W/SLEEPER)           | X60432 | X60432 | 2320010911669 | FWZ | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR 64000GVW 6X4          | X60440 | X60440 | 2320010907788 | FYK | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR 77000GVW 6X6,         | X60440 | X60440 | 2320012688745 | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR 51000GVW 6X4          | X60440 | X60440 | 2320010907787 | FVR | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR 44500GVW 6X4          | X60440 | X60440 | 2320010907786 | FVQ | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR (6X4 W/HYD)           | X60499 | X60499 | 2320010909526 | FWF | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR 44000GVW 6X6          | X60559 | X60559 | 2320010907790 | FVT | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR 36000GVW 6X6          | X60559 | X60559 | 2320010907789 | FVS | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR 60000GVW 6X6          | X60577 | X60577 | 2320010907792 | FVV | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR 51000GVW 6X6          | X60577 | X60577 | 2320010907791 | FVU | X           |                       |               | X                 | X               |                 |                |
|     | TRK TCTR (6X6 22T)             | X60636 | X60636 | 2320010909527 | FNE | X           |                       |               | X                 | X               |                 |                |
|     | VK MISCELLANEOUS               |        |        |               |     |             |                       |               |                   |                 |                 |                |
|     | AUGER EARTH (TRK MTD)          | B01854 | B01854 | 3820010907942 | E3N | X           |                       |               | X                 |                 |                 |                |
|     | CAMPER (TRK MTD) HUT           | C89598 | C89598 | 2320010911606 | FTL | X           |                       |               | X                 |                 |                 |                |
|     | CAR ELEC EMER EQ               | D06140 | D06140 | 2350010911604 | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRAN                           |        |        |               |     |             |                       |               |                   |                 |                 |                |

**Table E-4**  
**Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles—Continued**

| ECC | NOUN                           | MODEL  | LIN    | NSN           | EIC | REG#<br>REC | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|--------------------------------|--------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | CART GOLF (EED/GED)            | D13605 | D13605 | 2340010919004 | *** | X           |                       |               | X                 |                 |                 |                |
|     | CLEANER VACUUM (SP)            | E33636 | E33636 | 3825010957521 | E3U | X           |                       |               | X                 |                 |                 |                |
|     | CLEANER VACUUM (SP)            | E33638 | E33638 | 3825010907932 | E3R | X           |                       |               | X                 |                 |                 |                |
|     | CLEANER VAC (TRLR<br>MTD)      | E33651 | E33651 | 3825010907938 | E3S | X           |                       |               | X                 |                 |                 |                |
|     | CRANE TRK WHSE<br>(ELEC)       | F38898 | F38898 | 3950010907613 | DC5 | X           |                       |               | X                 |                 |                 |                |
|     | STUMP CUTTER-TRLR<br>MTD       | F65090 | F65090 | 3895010956913 | E4C | X           |                       |               | X                 |                 |                 |                |
|     | DOLLY TRLR CON-<br>VERTER      | G34962 | G34962 | 2330010911651 | CYE | X           |                       |               | X                 |                 |                 |                |
|     | DRYER GRAIN TRLR MTD           | G71143 | G71143 | 4440010907615 | E4M | X           |                       |               | X                 |                 |                 |                |
|     | MACH BUCKET TRLR<br>MTD        | L90240 | L90240 | 3830011129653 | *** | X           |                       |               | X                 |                 |                 |                |
|     | MAINT PLATFORM                 | M02756 | M02756 | 4940010303317 | *** | X           |                       |               | X                 |                 |                 |                |
|     | MARKER TRAFFIC LINE            | M09670 | M09670 | 3825010907751 | EW7 | X           |                       |               | X                 |                 |                 |                |
|     | MARKER TRAFFIC LINE            | M09866 | M09866 | 3825010907753 | E2K | X           |                       |               | X                 |                 |                 |                |
|     | AIRDRYER (TRLR MTD)            | NO-LIN | NO-LIN | 2330011406475 | E3H | X           |                       |               | X                 |                 |                 |                |
|     | RAMP LOAD VEH                  | R11452 | R11452 | 3990010907764 | DVJ | X           |                       |               | X                 |                 |                 |                |
|     | REC MOBILE (TRK MTD)           | R40689 | R40689 | 2320010909329 | *** | X           |                       |               | X                 |                 |                 |                |
|     | SCRAPER (TOWED)                | S56137 | S56137 | 3805010907758 | EJA | X           |                       |               | X                 |                 |                 |                |
|     | SCRAPER (TOWED)                | S56461 | S56461 | 3805010907759 | EH9 | X           |                       |               | X                 |                 |                 |                |
|     | SWEEPER ROTARY (SP)            | S76994 | S76994 | 3825010958319 | E28 | X           |                       |               | X                 |                 |                 |                |
|     | SNOW VEH CGO/PERS              | T87736 | T87736 | 2350010911600 | FVA | X           |                       |               | X                 |                 |                 |                |
|     | SNOWMOB TRAC TYPE 3            | T87771 | T87771 | 2350010909325 | FTX | X           |                       |               | X                 |                 |                 |                |
|     | SNOW VEH SLOPE MAINT           | T87806 | T87806 | 2350010911601 | FVB | X           |                       |               | X                 |                 |                 |                |
|     | SNOWMOB TRAC TYPE 4            | T87863 | T87863 | 2350010915163 | FTY | X           |                       |               | X                 |                 |                 |                |
|     | SPREADER AG-<br>GREGATE-SP     | U12073 | U12073 | 3895010907940 | EZK | X           |                       |               | X                 |                 |                 |                |
|     | SPRDR AGGREGATE<br>(TOW)       | U12103 | U12103 | 3895010907941 | EZL | X           |                       |               | X                 |                 |                 |                |
|     | SPRDR SAND (TRK MTD)           | U12208 | U12208 | 3830010907930 | *** | X           |                       |               | X                 |                 |                 |                |
|     | STUMP REMOVR TCTR<br>MTD       | U54856 | U54856 | 2340010907608 | *** | X           |                       |               | X                 |                 |                 |                |
|     | VEHICLE RECREATIONAL           | V47808 | V47808 | 2310010938273 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TCTR WHLD LAWN                 | W88950 | W88950 | 2420010911599 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TCTR WHLD LAWN                 | W88960 | W88960 | 2420010911598 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TCTR WHLD WHSE<br>(ELECT)      | W88988 | W88988 | 3930010907732 | DCO | X           |                       |               | X                 |                 |                 |                |
|     | TREE SPADE (TRK MTD)           | X27000 | X27000 | 3830011050783 | E33 | X           |                       |               | X                 |                 |                 |                |
|     | TREE SPADE (TRLR MTD)          | X27137 | X27137 | 3830011050759 | E3Y | X           |                       |               | X                 |                 |                 |                |
|     | VL PASSENGER CARRYING VEHICLES |        |        |               |     |             |                       |               |                   |                 |                 |                |
|     | AUTO SEDAN (LARGE)             | A04646 | A04646 | 2310011350996 | FCA | X           |                       |               | X                 | X               |                 |                |
|     | AUTO SEDAN (COMPACT)           | A06970 | A06970 | 2310011406537 | FCE | X           |                       |               | X                 | X               |                 |                |
|     | AUTO SEDAN (MID-SIZE)          | A04714 | A94614 | 2310011350997 | FCB | X           |                       |               | X                 | X               |                 |                |
|     | AUTO AMB (METRO)               | B04294 | B04294 | 2310010941364 | *** | X           |                       |               | X                 | X               |                 |                |
|     | AUTO AMB (HEARSE)              | B04294 | B04294 | 2310010941365 | FFC | X           |                       |               | X                 | X               |                 |                |
|     | AUTO AMB (METRO)               | B04304 | B04304 | 2310010941363 | *** | X           |                       |               | X                 | X               |                 |                |
|     | AUTO SEDAN (COMPACT)           | B04441 | B04441 | 2310010907739 | FCG | X           |                       |               | X                 | X               |                 |                |
|     | AUTO SEDAN (MID-SIZE)          | B04715 | B04715 | 2310010907740 | FCJ | X           |                       |               | X                 | X               |                 |                |
|     | AUTO SEDAN (LARGE)             | B04720 | B04720 | 2310010907741 | FCK | X           |                       |               | X                 | X               |                 |                |

**Table E-4**  
**Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles—Continued**

| ECC | NOUN                   | MODEL  | LIN    | NSN            | EIC | REG#<br>REC | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|------------------------|--------|--------|----------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | AUTO SEDAN SUBCOM-PACT | B04725 | B04725 | 2310010907738  | FCL | X           |                       |               | X                 | X               |                 |                |
|     | AUTO S/W (COMPACT)     | B04832 | B04832 | 23100109011060 | FCM | X           |                       |               | X                 | X               |                 |                |
|     | AUTO S/W (MID-SIZE)    | B04852 | B04852 | 2310010907877  | FCN | X           |                       |               | X                 | X               |                 |                |
|     | AUTO S/W (LARGE)       | B04862 | B04862 | 2310010907878  | FCP | X           |                       |               | X                 | X               |                 |                |
|     | AUTO S/W (SUBCOM-PACT) | B04872 | B04872 | 2310010907879  | FCQ | X           |                       |               | X                 | X               |                 |                |
|     | BUS AMB (CONV) 44 PAX  | B39319 | B39319 | 2310010924042  | FD6 | X           |                       |               | X                 | X               |                 |                |
|     | BUS AMB (CONV) 28 PAX  | B39319 | B39319 | 2310010924041  | FD5 | X           |                       |               | X                 | X               |                 |                |
|     | BUS MTR (VAN) 12 PAX   | C39559 | C39559 | 2310010910996  | FDV | X           |                       |               | X                 | X               |                 |                |
|     | BUS MTR (CONV) 12 PAX  | C39559 | C39559 | 2310010907705  | FDW | X           |                       |               | X                 | X               |                 |                |
|     | BUS MTR (VAN) 16 PAX   | C39559 | C39559 | 2310011015060  | FDX | X           |                       |               | X                 | X               |                 |                |
|     | BUS MTR (FCS) 25 PAX   | C39696 | C39696 | 2310010907696  | FDJ | X           |                       |               | X                 | X               |                 |                |
|     | BUS MTR SCHOOL 20 PAX  | C39696 | C39696 | 2310010907692  | FDF | X           |                       |               | X                 | X               |                 |                |
|     | BUS MTR (FCA) 25 PAX   | C39696 | C39696 | 2310010907697  | FDK | X           |                       |               | X                 | X               |                 |                |
|     | BUS MTR (FCS) 45 PAX   | C39833 | C39833 | 2310010907688  | FDA | X           |                       |               | X                 | X               |                 |                |
|     | BUS MTR (FCS) 37 PAX   | C39833 | C39833 | 2310010907691  | FDE | X           |                       |               | X                 | X               |                 |                |
|     | BUS MTR (FCS) 44 PAX   | C39833 | C39833 | 2310010907689  | FDB | X           |                       |               | X                 | X               |                 |                |
|     | BUS MTR (FCS)          | C39833 | C39833 | 2310010907690  | FDC | X           |                       |               | X                 | X               |                 |                |
|     | BUS MTR SCHOOL 66 PAX  | C39836 | C39836 | 2310010907710  | FD4 | X           |                       |               | X                 | X               |                 |                |
|     | BUS MTR (AMB CONV) 66P | C39836 | C39836 | 2310010957447  | FD3 | X           |                       |               | X                 | X               |                 |                |
|     | BUS MTR (INCY) 41 PAX  | C39970 | C39970 | 2310010907704  | FDU | X           |                       |               | X                 | X               |                 |                |
|     | BUS MTR (SUB) 53 PAX   | C39970 | C39970 | 2310010907702  | FDS | X           |                       |               | X                 | X               |                 |                |
|     | BUS MTR (SUB) 53 PAX   | C39970 | C39970 | 2310010907703  | FDT | X           |                       |               | X                 | X               |                 |                |
|     | BUS MTR TRANS 44 PAX   | C39977 | C39977 | 2310010007709  | FD2 | X           |                       |               | X                 | X               |                 |                |
|     | BUS MTR TRANS 36 PAX   | C39977 | C39977 | 2310010907708  | FDZ | X           |                       |               | X                 | X               |                 |                |
|     | BUS MTR TRANS 28 PAX   | C39977 | C39977 | 2310010907707  | FDY | X           |                       |               | X                 | X               |                 |                |
|     | BUS MTR SCHOOL 37 PAX  | C39985 | C39985 | 2310010907694  | FDM | X           |                       |               | X                 | X               |                 |                |
|     | BUS MTR (SCHOOL)       | C39985 | C39985 | 2310010907693  | FDL | X           |                       |               | X                 | X               |                 |                |
|     | BUS MTR SCHL AG 60PAX  | C39985 | C39985 | 2310010907700  | FDQ | X           |                       |               | X                 | X               |                 |                |
|     | BUS MTR ADULT 44 PAX   | C39985 | C39985 | 2310010907699  | FDP | X           |                       |               | X                 | X               |                 |                |
|     | BUS MTR ADULT 36 PAX   | C39985 | C39985 | 2310010907698  | FDN | X           |                       |               | X                 | X               |                 |                |
|     | BUS MTR (AMB) 82 PAX   | C40045 | C40045 | 2310010907711  | FDG | X           |                       |               | X                 | X               |                 |                |
|     | CARRIER ALL TERRAIN    | D10715 | D10715 | 2320010910931  | FWN | X           |                       |               | X                 |                 |                 |                |
|     | MTRCYCLE TRAIL BIKE    | M72633 | M72633 | 2340010911658  | B8H | X           |                       |               | X                 | X               |                 |                |
|     | MTRCYCLE CONV DRIVE    | M72933 | M72933 | 2340010907749  | B8C | X           |                       |               | X                 | X               |                 |                |
|     | MTRCYCLE CHAIN DRIVE   | M72933 | M72933 | 2340010907748  | B8B | X           |                       |               | X                 | X               |                 |                |
|     | MTRCYCLE W/SIDE CAR    | M72933 | M72933 | 2340010907750  | B8D | X           |                       |               | X                 | X               |                 |                |
|     | TRK AMB                | NO-LIN | NO-LIN | 2310011294702  | *** | X           |                       |               | X                 | X               |                 |                |
|     | BUS 26 PAX             | NO-LIN | NO-LIN | 2310121866324  | *** | X           |                       |               | X                 | X               |                 | X              |
|     | SCOOTER MOTOR (ELEC)   | S55256 | S55256 | 2340010907876  | B8F | X           |                       |               | X                 | X               |                 |                |
|     | SCOOTER MOTOR (GAS)    | S55256 | S55256 | 2340010907875  | B8E | X           |                       |               | X                 | X               |                 |                |
|     | SCOOTER MOTOR (GAS)    | S55256 | S55256 | 2340010941374  | B8G | X           |                       |               | X                 | X               |                 |                |
|     | SCOOTER MOTOR (GED)    | S55261 | S55261 | 2340010911716  | B8L | X           |                       |               | X                 | X               |                 |                |
|     | SCOOTER MOTOR          | S55261 | S55261 | 2340010969342  | B8K | X           |                       |               | X                 | X               |                 |                |
|     | SCOOTER MOTOR (GED)    | S55266 | S55266 | 2340010911715  | B8J | X           |                       |               | X                 | X               |                 |                |
|     | SCOOTER MOTOR (ELEC)   | S55334 | S55334 | 2340010913396  | B8M | X           |                       |               | X                 | X               |                 |                |

**Table E-4**  
**Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles—Continued**

| ECC | NOUN                               | MODEL  | LIN    | NSN            | EIC | REG#<br>REC | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|------------------------------------|--------|--------|----------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | SCOOTER VAN (GAS)                  | S55334 | S55334 | 2340010957491  | B8P | X           |                       |               | X                 | X               |                 |                |
|     | SCOOTER MOTOR (FB)                 | S55334 | S55334 | 2340010957490  | B8N | X           |                       |               | X                 | X               |                 |                |
|     | TRK AMB (PAT TRANS)                | X38365 | X38365 | 2310010907829  | FFA | X           |                       |               | X                 | X               |                 |                |
|     | TRK AMB EMERG MED<br>SVC           | X38464 | X38464 | 2310010941372  | FFD | X           |                       |               | X                 | X               |                 |                |
|     | TRK AMB EMERG MED<br>SVC           | X38464 | X38464 | 2310011706843  | FFE | X           |                       |               | X                 | X               |                 |                |
|     | TRK AMB (FIELD TYPE)               | X38502 | X38502 | 2310010907830  | FFH | X           |                       |               | X                 | X               |                 |                |
|     | TRK AMB EMERG MED<br>SVC           | X54765 | X54765 | 2310010911684  | FFG | X           |                       |               | X                 | X               |                 |                |
|     | TRK AMB EMERG MED<br>SVC           | X54765 | X54765 | 2310011714747  | FFF | X           |                       |               | X                 | X               |                 |                |
|     | TRK WHSE (PERS-4 PAX)              | X54976 | X54976 | 2320010911592  | DC7 | X           |                       |               | X                 | X               |                 | X              |
|     | TRK PERS TRANS WHSE                | X54976 | X54976 | 2320010911592  | DC7 | X           |                       |               | X                 | X               |                 |                |
|     | VM SERVICING PLATFORMS (ALL TYPES) |        |        |                |     |             |                       |               |                   |                 |                 |                |
|     | SVC PLTFM LIFT SCISS               | NO-LIN | NO-LIN | 4940010969358  | FST | X           |                       |               | X                 | X               |                 |                |
|     | SVC PLTFM                          | NO-LIN | NO-LIN | 2320010084643  | *** | X           |                       |               | X                 | X               |                 |                |
|     | SVC PLTFM                          | S79882 | S79882 | 4940010909327  | C88 | X           |                       |               | X                 | X               |                 |                |
|     | SVC PLTFM (TRK MTD)                | S80048 | S80048 | 2320004199539  | FSK | X           |                       |               | X                 | X               |                 |                |
|     | SVC PLTFM (TRK MTD)                | S80048 | S80048 | 2320004900860  | FSR | X           |                       |               | X                 | X               |                 |                |
|     | SVC PLTFM (TRK MTD)                | S80068 | S80068 | 2320004900858  | FSQ | X           |                       |               | X                 | X               |                 |                |
|     | SVC PLTFM (TRK MTD)                | S80070 | S80070 | 232,0000064066 | FSL | X           | X                     |               | X                 | X               |                 |                |
|     | SVC PLTFM (TRK MTD)                | S80078 | S80078 | 2320004939179  | FSM | X           |                       |               | X                 | X               |                 |                |
|     | SVC PLTFM (TRK MTD)                | S80088 | S80088 | 2320004900857  | FSP | X           |                       |               | X                 | X               |                 |                |
|     | SVC PLTFM (TRK MTD)                | S80108 | S80108 | 2320009357267  | FSS | X           |                       |               | X                 | X               |                 |                |
|     | VN TRUCKS, MULTI-PURPOSE           |        |        |                |     |             |                       |               |                   |                 |                 |                |
|     | TRK MULTI-PUR 2T                   | X54498 | X54498 | 2320010911605  | FKG | X           |                       |               | X                 | X               |                 |                |
|     | TRK MULTI-PUR UNIMOG               | X54498 | X54498 | 2320011479914  | FKF | X           |                       |               | X                 | X               |                 |                |
|     | TRK MULTI-PUR 4T 4X4               | X54514 | X54514 | 2320010909330  | FLF | X           |                       |               | X                 | X               |                 |                |
|     | TRK MULTI-PUR UNIMOG               | X54514 | X54514 | 2320011479915  | FLG | X           |                       |               | X                 | X               |                 |                |
|     | VO TRUCKS, PANEL                   |        |        |                |     |             |                       |               |                   |                 |                 |                |
|     | TRK PANEL                          | NO-LIN | NO-LIN | 2320011654717  | *** | X           |                       |               | X                 | X               |                 | X              |
|     | TRK PNL MOBILE DIS-<br>PLAY        | X54770 | X54770 | 2320010911685  | FXG | X           |                       |               | X                 | X               |                 |                |
|     | TRK PANEL (POLICE)                 | X54775 | X54775 | 2320010907841  | FHZ | X           |                       |               | X                 | X               |                 |                |
|     | TRK PANEL (1/2T-4X2)               | X54805 | X54805 | 2320010907837  | FHV | X           |                       |               | X                 | X               |                 |                |
|     | TRK PANEL (1T-4X2)                 | X54805 | X54805 | 2320010907840  | FHX | X           |                       |               | X                 | X               |                 |                |
|     | TRK PANEL (3/4T-4X2)               | X54805 | X54805 | 2320010907838  | FHW | X           |                       |               | X                 | X               |                 |                |
|     | TRK PANEL (VW)                     | X54805 | X54805 | 2320121943836  | FHY | X           |                       |               | X                 | X               |                 |                |
|     | TRK PANEL (1T-4X2)                 | X54825 | X54825 | 2320010907839  | FH2 | X           |                       |               | X                 | X               |                 |                |
|     | TRK PANEL (1/4T-4X4)               | X54942 | X54942 | 2320010907843  | FH4 | X           |                       |               | X                 | X               |                 |                |
|     | TRK PANEL (1/4T-4X4)               | X54942 | X54942 | 2320010911045  | FH3 | X           |                       |               | X                 | X               |                 |                |
|     | TRK PANEL (1-1/T-4X4)              | X54966 | X54966 | 2320010907844  | FJF | X           |                       |               | X                 | X               |                 |                |
|     | TRK PANEL (TV PROD)                | X54970 | X54070 | 2320010911686  | FXH | X           |                       |               | X                 | X               |                 |                |
|     | VP TRUCKS, CARRYALL                |        |        |                |     |             |                       |               |                   |                 |                 |                |
|     | TRK VAN CARRYALL                   | NO-LIN | NO-LIN | 2320011654716  | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK CA (1 1/4T-4X2)                | T41903 | T41903 | 2320010953211  | FGB | X           |                       |               | X                 | X               |                 |                |
|     | TRK CA (MOD) 4X2                   | T42132 | T42132 | 2320011351018  | FX7 | X           |                       |               | X                 | X               |                 |                |
|     | TRK CA (MOD) 4X4                   | T42200 | T42200 | 2320011361168  | FYA | X           |                       |               | X                 | X               |                 |                |
|     | TRK CA (1/2T-4X2)                  | T42269 | T42269 | 2320121943837  | FGC | X           |                       |               | X                 | X               |                 |                |
|     | TRK CA (KIT RDY) 4X4               | T63301 | T68301 | 2320012391788  | *** | X           |                       |               | X                 | X               |                 | X              |
|     | TRK CA (KIT RDY) 4X2               | T63405 | T63405 | 2320012378167  | *** | X           |                       |               | X                 | X               |                 | X              |

Table E-4

## Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles—Continued

| ECC | NOUN                   | MODEL  | LIN     | NSN           | EIC | REG#<br>REC | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|------------------------|--------|---------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | TRK CA (1-1/2T-4X2)    | X42064 | X42064  | 2320010907834 | FG7 | X           |                       |               | X                 | X               |                 |                |
|     | TRK CA (3/4T-4X2)      | X42064 | X42064  | 2320010907832 | FG5 | X           |                       |               | X                 | X               |                 |                |
|     | TRK CA (1/2T-4X2)      | X42064 | X42064  | 2320010907831 | FG4 | X           |                       |               | X                 | X               |                 |                |
|     | TRK CA (1T-4X2)        | X42064 | X42064  | 2320010907833 | FG6 | X           |                       |               | X                 | X               |                 |                |
|     | TRK CA (1 1/4T-4X4)    | X42201 | X42201  | 2320010907836 | FG9 | X           |                       |               | X                 | X               |                 |                |
|     | TRK CA (1/2T-4X4)      | X42201 | X42201  | 2320010907835 | FG8 | X           |                       |               | X                 | X               |                 |                |
|     | TRK MULTISTOP DEL      | X54531 | X54531  | 2320010907898 | FHT | X           |                       |               | X                 | X               |                 |                |
|     | TRK MULTISTOP DEL      | X54531 | X54531  | 2320010907899 | FHU | X           |                       |               | X                 | X               |                 |                |
|     | TRK MULTISTOP DEL      | X54549 | X54549  | 2320010907902 | FM3 | X           |                       |               | X                 | X               |                 |                |
|     | TRK MULTISTOP DEL      | X54549 | X54549  | 2320010907900 | FMZ | X           |                       |               | X                 | X               |                 |                |
|     | TRK MULTISTOP DEL      | X54549 | X54549  | 2320010907901 | FM2 | X           |                       |               | X                 | X               |                 |                |
|     | VQ TRUCKS, CARGO       |        |         |               |     |             |                       |               |                   |                 |                 |                |
|     | TRK CARGO              | NO-LIN | NO-LIN  | 2320007529548 | *** |             |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (COMPACT)    | T39642 | T39642  | 2320010907880 | FGP | X           |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (MOD) 4X2    | T39940 | T39940  | 2320011361179 | FYB | X           |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (MOD) 4X4    | T40008 | T40008  | 2320011351021 | FX8 | X           |                       |               | X                 | X               |                 |                |
|     | TRK ACFT CGO LOADING   | X38355 | X38355  | 3920010970301 | DVS |             |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (COMPACT)    | X39461 | X39461  | 2320010907889 | FGH | X           |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (COMPACT)    | X39461 | X39461  | 2320010907890 | FGJ | X           |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (1/2T-4X2)   | X39598 | X39598  | 2320010907882 | FGL | X           |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (3/4T-4X2)   | X39598 | X39598  | 2320010907883 | FGS | X           |                       |               | X                 | X               |                 |                |
|     | TRK CARGO 1/2T-4X2)    | X39598 | X39598  | 2320010907881 | FGK | X           |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (VW)         | X39598 | X39598  | 2320121943835 | FGN | X           |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (3/4T-4X2)   | X39598 | X39598  | 2320010907885 | FGM | X           |                       |               |                   |                 |                 |                |
|     | TRK CARGO 1/2T-4X4)    | X39666 | X39666  | 2320010909563 | FGQ | X           |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (1T-4X4)     | X39875 | X39875  | 2320010911723 | FGR | X           |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (1T-4X2)     | X39877 | X39877  | 2320010907884 | FGT | X           |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (1T-4X4)     | X39879 | X39879  | 2320010909562 | FGU | X           |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (1T-4X4)     | X39880 | X39880  | 2320010911722 | FGV | X           |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (3/4T-4X4)   | X39893 | X39893  | 2320010907892 | FGX | X           |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (1T-4X4)     | X39893 | X39893  | 2320010907893 | FGY | X           |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (1T-4X4)     | X39893 | X39893  | 2320010907894 | FGZ | X           |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (3/4T-4X4)   | X39893 | X39893  | 2320010907895 | FG2 | X           |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (1T-4X4)     | X39893 | X39893  | 2320010907896 | FG3 | X           |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (1/2T-4X4)   | X39893 | X39893  | 2320010907891 | FGW | X           |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (2 1/2T-4X2) | X39976 | X39976  | 2320010919072 | FKA | X           |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (7T-4X4)     | X41379 | X41379  | 2320010907897 | FMC | X           |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (5T-4X4)     | X41379 | X41379  | 2320010911061 | FMB | X           |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (7-1/2T-4X2) | X41516 | X41516  | 2320010907888 | FMF | X           |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (6T-4X2)     | X41516 | X41516  | 2320010907886 | FMD | X           |                       |               | X                 | X               |                 |                |
|     | TRK CARGO (6-1/2T-4X2) | X41516 | X41516  | 2320010907887 | FME | X           |                       |               | X                 | X               |                 |                |
|     | VR TRUCKS, UTILITY     |        |         |               |     |             |                       |               |                   |                 |                 |                |
|     | TRK UTIL (FORESTRY)    | B04892 | B04892  | 2320010909534 | FWK | X           |                       |               | X                 | X               |                 |                |
|     | TRK UTIL W/ROPS        | T04960 | T04960  | 2320010915395 | FGA | X           |                       |               | X                 | X               |                 |                |
|     | TRK UTIL (MOD) 4X2     | T61038 | T61038  | 2320011351016 | FX5 | X           |                       |               | X                 | X               |                 |                |
|     | TRK UTIL (MOD) 4X4     | T61106 | T61106  | 2320011351017 | FX6 | X           |                       |               | X                 | X               |                 |                |
|     | TRK UTIL (1/2T-4X2)    | X61518 | X61518  | 2320010907826 | FJC | X           |                       |               | X                 | X               |                 |                |
|     | TRK UTIL (WAGON) 4X2   | X61518 | X6151 8 | 2320010907827 | FJD | X           |                       |               | X                 | X               |                 |                |
|     | TRK UTIL (1/2T-4X4)    | X61655 | X61655  | 2320010907828 | FJE | X           |                       |               | X                 | X               |                 |                |
|     | TRK UTIL (4X4)         | X81705 | X61705  | 2320010909063 | FXT | X           |                       |               | X                 | X               |                 |                |
|     | VS TRUCKS, SEWAGE      |        |         |               |     |             |                       |               |                   |                 |                 |                |
|     | TRK TNK SEPTIC (4X4)   | X58245 | X58245  | 2320010909531 | FWG | X           |                       |               | X                 | X               |                 |                |

**Table E-4**  
**Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles—Continued**

| ECC | NOUN                      | MODEL  | LIN    | NSN           | EIC | REG#<br>REC | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|---------------------------|--------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | TRK TNK SLUDGE DISP       | X58250 | X58250 | 2320010911679 | FW9 | X           |                       |               | X                 | X               |                 |                |
|     | TRK TNK SLUDGE DISP       | X58250 | X58250 | 2320011361167 | FX9 | X           |                       |               | X                 | X               |                 |                |
|     | VT TRUCKS, OTHER          |        |        |               |     |             |                       |               |                   |                 |                 |                |
|     | BLOWER (TRK MTD)          | B81960 | B81960 | 2320010911603 | FRA | X           |                       |               | X                 | X               |                 |                |
|     | BOOKMOBILE (TRK MTD)      | C02572 | C02572 | 2320010915164 | *** | X           |                       |               | X                 |                 |                 |                |
|     | CRANE TRK WHSE (4-6T)     | C39035 | C39035 | 3950010907733 | DC6 | X           |                       |               | X                 |                 |                 |                |
|     | MOB EQ TRANS<br>(TRKMTD)  | M57470 | M57470 | 2320010911607 | FWR | X           |                       |               | X                 | X               |                 |                |
|     | PLTFRM LIFT               | NO-LIN | NO-LIN | 4940011050765 | FSE | X           |                       |               | X                 |                 |                 |                |
|     | PLTFRM LIFT SP/<br>WHLMTD | P05757 | P05757 | 4940011050764 | FSD | X           |                       |               | X                 |                 |                 |                |
|     | PLTFRM LIFT SP/<br>WHLMTD | P05782 | P05782 | 4940011050760 | FSF | X           |                       |               | X                 |                 |                 |                |
|     | TRK (ARMD PAYROLL)        | T39026 | T39026 | 2320011134669 | FX2 | X           |                       |               | X                 | X               |                 |                |
|     | TRK FB (EQUIP TRANS)      | T45243 | T45243 | 2320010911719 | FXK | X           |                       |               | X                 | X               |                 |                |
|     | TRK LF (ELEC)             | T48982 | T48982 | 3930011028293 | DCU | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK STOCK SELEC-<br>TOR | T56996 | T56996 | 3930010917614 | DCS | X           |                       |               | X                 |                 |                 |                |
|     | TCTR WHLD WHSE<br>(ELEC)  | W88988 | W88988 | 3930010907732 | DCQ | X           |                       |               | X                 |                 |                 |                |
|     | TRK (FLAT BED)            | X45163 | X45163 | 2320010911721 | FHA | X           |                       |               | X                 | X               |                 |                |
|     | TRK FB (BOMB SVC)         | X45165 | X45165 | 2320010911718 | FKB | X           |                       |               | X                 | X               |                 |                |
|     | TRK FB EQUIP TRANS        | X45175 | X45175 | 2320010909561 | FWL | X           |                       |               | X                 | X               |                 |                |
|     | TRK FB EQUIP TRANS        | X45176 | X45176 | 2320010909560 | *** | X           |                       |               | X                 | X               |                 |                |
|     | TRK FB (RIGGER)           | X45177 | X45177 | 2320010911717 | FXJ | X           |                       |               | X                 | X               |                 |                |
|     | TRK FB W/HYD LIF BOOM     | X45200 | X45200 | 2320010909559 | FLB | X           |                       |               | X                 | X               |                 |                |
|     | TRK FB W/AERIAL PLTFM     | X45210 | X45210 | 2320010911720 | FXL | X           |                       |               | X                 | X               |                 |                |
|     | TRK LF (ELECT)            | X48830 | X48830 | 3930011122284 | DC2 | X           |                       |               | X                 |                 |                 |                |
|     | TRK LF (DED)              | X48863 | X48863 | 3930011122285 | DXF | X           |                       |               | X                 |                 |                 |                |
|     | TRK LF (DED)              | X48873 | X48873 | 3930010907724 | DXC | X           |                       |               | X                 |                 |                 |                |
|     | TRK LF (DED)              | X48876 | X48876 | 3930010907728 | DXD | X           |                       |               | X                 |                 |                 |                |
|     | TRK LF (DED)              | X48880 | X48880 | 3930010957448 | DXE | X           |                       |               | X                 |                 |                 |                |
|     | TRK LF (ELECT)            | X49288 | X49288 | 3930010907719 | DCG | X           |                       |               | X                 |                 |                 |                |
|     | TRK LF (ELECT)            | X49603 | X49603 | 3930010907718 | DCF | X           |                       |               | X                 |                 |                 |                |
|     | TRK LF (ELEC)             | X49609 | X49609 | 3930011075722 | DCX | X           |                       |               | X                 |                 |                 |                |
|     | TRK LF (ELEC)             | X49619 | X49619 | 3930011075723 | DCY | X           |                       |               | X                 |                 |                 |                |
|     | TRK LF (ELECT)            | X49688 | X49688 | 3930010907719 | DCG | X           |                       |               | X                 |                 |                 |                |
|     | TRK LF (ELECT)            | X49737 | X49737 | 3930010907717 | DCE | X           |                       |               | X                 |                 |                 |                |
|     | TRK LF (ELECT)            | X49757 | X49757 | 3930010907723 | DCK | X           |                       |               | X                 |                 |                 |                |
|     | TRK LF (ELEC)             | X50294 | X50294 | 3930011028383 | DCV | X           |                       |               | X                 |                 |                 |                |
|     | TRK LF (ELECT)            | X50462 | X50462 | 3930010907715 | DCD | X           |                       |               | X                 |                 |                 |                |
|     | TRK LF (ELECT)            | X50608 | X50608 | 3930010907720 | DCH | X           |                       |               | X                 |                 |                 |                |
|     | TRL LF (ELECT)            | X50608 | X50608 | 3930010907721 | DCJ | X           |                       |               | X                 |                 |                 |                |
|     | TRK LF (ELECT)            | X50866 | X50866 | 3930011028384 | DCW | X           |                       |               | X                 |                 |                 |                |
|     | TRK LF (ELECT)            | X51011 | X51011 | 3930010907729 | DCN | X           |                       |               | X                 |                 |                 |                |
|     | TRK LF (ELEC)             | X51020 | X51020 | 3930010907727 | DCM | X           |                       |               | X                 |                 |                 |                |
|     | TRK LF (GED/DED)          | X52647 | X52647 | 3930010907716 | DPS | X           |                       |               | X                 |                 |                 |                |
|     | TRK LF (GED)              | X52804 | X52804 | 3930010907713 | DPQ | X           |                       |               | X                 |                 |                 |                |
|     | TRK LF (DED/GED)          | X52813 | X52813 | 3930010911654 | DPV | X           |                       |               | X                 |                 |                 |                |
|     | TRUCK FORKLIFT (GAS)      | X52814 | X52814 | 3930010907714 | DPR | X           |                       |               | X                 |                 |                 |                |
|     | TRK LF (GAS)              | X52816 | X52816 | 3930010907725 | DPU | X           |                       |               | X                 |                 |                 |                |
|     | TRK LF (DED)              | X52852 | X52852 | 3930010911655 | DJ4 | X           |                       |               | X                 |                 |                 |                |

Table E-4

## Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles—Continued

| ECC | NOUN                  | MODEL   | LIN     | NSN           | EIC | REG#<br>REC | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|-----------------------|---------|---------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | TRK LF PLTFM (ELECT)  | X53171  | X53171  | 3930110907731 | DCP | X           |                       |               | X                 |                 |                 |                |
|     | TRK MOBILE STAGE      | X54453  | X54453  | 2320010911593 | FWP | X           |                       |               | X                 | X               |                 | X              |
|     | TRK MOBILE STAGE      | X54453  | X54453  | 2320010911593 | FWP | X           |                       |               | X                 | X               |                 |                |
|     | TRK RESCUE            | X55874  | X55874  | 2320010911597 | FH5 | X           |                       |               | X                 | X               |                 |                |
|     | VU TRAILERS           |         |         |               |     |             |                       |               |                   |                 |                 |                |
|     | TRLR (AIR DRYER)      | A27124  | A27124  | 2330011406475 | E3H | X           |                       |               | X                 |                 |                 |                |
|     | TRLR CHASSIS RECRUIT  | E03104  | E03104  | 2330010909542 | C8T | X           |                       |               | X                 |                 |                 |                |
|     | TRLR (FLAT BED)       | NO-LIN  | NO-LIN  | 2330010977081 |     | X           |                       |               | X                 |                 |                 |                |
|     | TRLR VAN INF MUSEUM   | NO-LIN  | NO-LIN  | 2330010911703 | C8L | X           |                       |               | X                 |                 |                 |                |
|     | TRLR TANK (FUEL)      | NO-LIN  | NO-LIN  | 2330010911050 | C6D | X           |                       |               | X                 |                 |                 |                |
|     | TRLR CARGO            | NO-LIN  | NO-LIN  | 2330010911693 | CPJ | X           |                       |               | X                 |                 |                 |                |
|     | TRLR REFUSE COLL      | S71690  | S71690  | 2330010236047 | C4U | X           |                       |               | X                 |                 |                 |                |
|     | TRLR (SNOW MOBILE)    | T25601  | T25601  | 2330011321386 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRLR TANK (FUEL)      | T98757  | T98757  | 2330011162960 | C6F | X           |                       |               | X                 |                 |                 |                |
|     | TRLR VAN (FLD OFC)    | T99091  | T99091  | 233011062223  | C8P | X           |                       |               | X                 |                 |                 |                |
|     | TRLR TURRET TRANS     | W92962  | W92962  | 2330010909328 | C89 | X           |                       |               | X                 |                 |                 |                |
|     | TRLR (OIL FILTER-DRY) | W93693  | W93693  | 2330010911596 | C8Y | X           |                       |               | X                 |                 |                 |                |
|     | TPLR BOL POLE HAUL    | W94568  | W94568  | 2330010911732 | CNJ | X           |                       |               | X                 |                 |                 |                |
|     | TRLR CABLE REEL       | W95270  | W95270  | 2330010911733 | CPE | X           |                       |               | X                 |                 |                 |                |
|     | TRLR CABLE SPLICER    | W95272  | W95272  | 2330010909326 | C87 | X           |                       |               | X                 |                 |                 |                |
|     | TRLR CAMPER HUT TYPE  | W95273  | W95273  | 2330010909323 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRLR CAMPER HOME      | W95283  | W95283  | 2330010911602 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TYPE                  |         |         |               |     |             |                       |               |                   |                 |                 |                |
|     | TRLR CAMPER HUT TYPE  | W95293  | W95293  | 2330010919005 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRLR CGO UTIL MAINT   | W95346  | W95346  | 2330010909538 | CBA | X           |                       |               | X                 |                 |                 |                |
|     | TRLR CGO W/ELEV BODY  | W95801  | W95801  | 2330010911048 | CEL | X           |                       |               | X                 |                 |                 |                |
|     | TRLR FIRE FIGHTING    | W96222  | W96222  | 4210008034941 | ZMS | X           |                       |               | X                 |                 |                 |                |
|     | TRLR (FLAT BED, TILT) | W96691  | W96691  | 2330010911727 | CNK | X           |                       |               | X                 |                 |                 |                |
|     | TRLR (FLAT BED)       | W96711  | W96711  | 2330010911729 | CPH | X           |                       |               | X                 |                 |                 |                |
|     | TRLR (FLAT BED)       | W96917  | W96917  | 2330010911728 | CZB | X           |                       |               | X                 |                 |                 |                |
|     | TRLR (FLAT BED, TILT) | W96982  | W96982  | 2330011023544 | CZD | X           |                       |               | X                 |                 |                 |                |
|     | TRLR(HOUSE)           | W9701 0 | W97010  | 2330010907927 | C85 | X           |                       |               | X                 |                 |                 |                |
|     | TRLR (HOUSE)          | W97010  | W9701 0 | 2330010907928 | C86 | X           |                       |               | X                 |                 |                 |                |
|     | TRLR MOBILE HOME      | W97027  | W97027  | 2330010909579 | C9A | X           |                       |               | X                 |                 |                 |                |
|     | TRLR (LOW BED, TILT)  | W97244  | W97244  | 2330010911714 | CMJ | X           |                       |               | X                 |                 |                 |                |
|     | TRLR (LOW BED, TILT)  | W97276  | W97276  | 2330010911730 | CEN | X           |                       |               | X                 |                 |                 |                |
|     | TRLR (LOW BED, TILT)  | W97308  | W97308  | 2330010911709 | CNM | X           |                       |               | X                 |                 |                 |                |
|     | TRLR (LOW BED, TILT)  | W97318  | W97318  | 2330010907874 | CAD | X           |                       |               | X                 |                 |                 |                |
|     | TRLR (LOW BED, TILT)  | W97318  | W97318  | 2330010907873 | CAC | X           |                       |               | X                 |                 |                 |                |
|     | TRLR (LOW BED, TILT)  | W97318  | W97318  | 2330011473339 | CAE | X           |                       |               | X                 |                 |                 |                |
|     | TRLR (LOW BED)        | W97381  | W97381  | 2330010909547 | CEM | X           |                       |               | X                 |                 |                 |                |
|     | TRLR (LOW BED)        | W97445  | W97445  | 2330010911710 | CKA | X           |                       |               | X                 |                 |                 |                |
|     | TRLR (LOW BED)        | W97450  | W97450  | 2330010911712 | CNL | X           |                       |               | X                 |                 |                 |                |
|     | TRLR (LOW BED)        | W97452  | W97452  | 2330010919070 | CNN | X           |                       |               | X                 |                 |                 |                |
|     | TRLR (LOW BED)        | W97460  | W97460  | 2330010919068 | CAF | X           |                       |               | X                 |                 |                 |                |
|     | TRLR (LOW BED)        | W97465  | W97465  | 2330010919069 | CZA | X           |                       |               | X                 |                 |                 |                |
|     | TRLR (LB, W/RAMP)     | W97468  | W97468  | 2330010911713 | CZC | X           |                       |               | X                 |                 |                 |                |
|     | TRLR (LOW BED)        | W97470  | W97470  | 2330010911711 | CXQ | X           |                       |               | X                 |                 |                 |                |
|     | TRLR MAINT TOOL STOR  | W97734  | W97734  | 2330010909573 | C8U | X           |                       |               | X                 |                 |                 |                |
|     | TRLR MAINT TOOL SHED  | W97736  | W97736  | 2330010909574 | C8V | X           |                       |               | X                 |                 |                 |                |
|     | TRLR MOBILE STAGE     | W97739  | W97739  | 2330010909324 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRLR MOBILE STAGE     | W97749  | W97749  | 3920011113969 | DVX | X           |                       |               | X                 |                 |                 |                |

**Table E-4**  
**Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles—Continued**

| ECC | NOUN                        | MODEL  | LIN    | NSN           | EIC | REG#<br>REC | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|-----------------------------|--------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | TRLR PLATFORM               | W97934 | W97934 | 3920006188779 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRLR STAKE                  | W98688 | W98688 | 2330010907916 | CMH | X           |                       |               | X                 |                 |                 |                |
|     | TRLR TANK (FUEL)            | W98689 | W98689 | 2330010911708 | C6B | X           |                       |               | X                 |                 |                 |                |
|     | TRLR TANK                   | W98690 | W98690 | 2330010909546 | C6C | X           |                       |               | X                 |                 |                 |                |
|     | TRLR TNK IND (SEWAGE)       | W98708 | W98708 | 2330010911706 | C6E | X           |                       |               | X                 |                 |                 |                |
|     | TRLR TANK (OIL)             | W98758 | W98758 | 2330010911707 | C6G | X           |                       |               | X                 |                 |                 |                |
|     | TRLR TANK (WTR)             | W98962 | W98962 | 2330010907871 | C6J | X           |                       |               | X                 |                 |                 |                |
|     | TRLR VAN                    | W99012 | W99012 | 2330010909545 | C8A | X           |                       |               | X                 |                 |                 |                |
|     | TRLR (AIR MONITOR)          | W99016 | W99016 | 2330010909544 | C8B | X           |                       |               | X                 |                 |                 |                |
|     | TRLR VAN (AMMO)             | W99020 | W99020 | 2330010911700 | C8C | X           |                       |               | X                 |                 |                 |                |
|     | TRLR VAN (SPARE PTS)        | W99022 | W99022 | 2330010911702 | C8E | X           |                       |               | X                 |                 |                 |                |
|     | TRLR VAN (EXPER CTR)        | W99023 | W99023 | 2330010911704 | C8F | X           |                       |               | X                 |                 |                 |                |
|     | TRLR VAN (2-HORSE)          | W99025 | W99025 | 2330010909541 | C8G | X           |                       |               | X                 |                 |                 |                |
|     | TRLR VAN (4-HORSE)          | W99026 | W99026 | 2330010909543 | C8H | X           |                       |               | X                 |                 |                 |                |
|     | TRLR VAN (6-HORSE)          | W99027 | W99027 | 2330010919066 | C8J | X           |                       |               | X                 |                 |                 |                |
|     | TRLR VAN (10-HORSE)         | W99030 | W99030 | 2330010911049 | C8K | X           |                       |               | X                 |                 |                 |                |
|     | TRLR VAN (OFFICE)           | W99058 | W99058 | 2330010907870 | C8N | X           |                       |               | X                 |                 |                 |                |
|     | TRLR VAN (OFFICE)           | W99058 | W99058 | 2330010907869 | C8M | X           |                       |               | X                 |                 |                 |                |
|     | TRLR VAN ADP FACILITY       | W99109 | W99109 | 2330010911705 | C8Q | X           |                       |               | X                 |                 |                 |                |
|     | TRLR VAN (RECRUITING)       | W99378 | W99378 | 2330010919067 | C8R | X           |                       |               | X                 |                 |                 |                |
|     | TRLR VAN TOOL CRIB          | W99383 | W99383 | 2330010911701 | C8S | X           |                       |               | X                 |                 |                 |                |
|     | VV SEMI-TRAILERS            |        |        |               |     |             |                       |               |                   |                 |                 |                |
|     | STRRLR VAN (MOHV SYS)       | NO-LIN | NO-LIN | 2330012277491 | *** | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR FB RAMP            | S69842 | S69842 | 2330010911072 | CXA | X           |                       |               | X                 |                 |                 |                |
|     | LOAD                        |        |        |               |     |             |                       |               |                   |                 |                 |                |
|     | SEMITRLR DUMP               | S69843 | S69843 | 2330010909583 | CWE | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR (FB TILT)          | S69909 | S69909 | 2330010911731 | CWD | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR (LB AMMO)          | S69959 | S69959 | 2330010911695 | CQC | X           |                       |               | X                 |                 |                 |                |
|     | SEM1TRLR (LB CNTNR)         | S69962 | S69962 | 2330010909539 | DRA | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR (LB FOREST-<br>RY) | S69964 | S69964 | 2330010919065 | CWF | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR (LOW BED)          | S70006 | S70006 | 2330010911698 | CRB | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR (LOW BED)          | S70096 | S70096 | 2330010911696 | CWG | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR (LOW BED)          | S70380 | S70380 | 2330010907860 | CXB | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR (LOW BED)          | S70380 | S70380 | 2330010907861 | CXC | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR (LOW BED)          | S70380 | S70380 | 2330010907862 | CXD | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR (LOW BED)          | S70526 | S70526 | 2330010909540 | CXF | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR (LB LVL DK)        | S70534 | S70534 | 2330010907864 | CXG | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR (LB TILT DK)       | S70534 | S70534 | 2330010907865 | CXH | X           |                       |               | X                 |                 |                 |                |
|     | SEM1TRLR (LB LVL DK)        | S70534 | S70534 | 2330010907863 | CXE | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR (LOW BED)          | S70602 | S70602 | 2330010911697 | CXJ | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR (LB HYDR LF)       | S70669 | S70669 | 2330010907867 | CWH | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR (LB HET)           | S70729 | S70729 | 2330012253326 | *** | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLF1 (LOW BED)         | S70759 | S70759 | 2330010911699 | CXK | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR (LOW BED)          | S70825 | S70825 | 2330010941373 | CXP | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR LB 60T             | S70825 | S70825 | 2330010907866 | CXN | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR REFRIGERA-<br>TOR  | S71476 | S71476 | 2330010907766 | CWJ | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR REFRIGERA-<br>TOR  | S71476 | S71476 | 2330010907765 | CWK | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR REFRIGERA-<br>TOR  | S71630 | S71630 | 2330010907767 | CWL | X           |                       |               | X                 |                 |                 |                |

Table E-4

## Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles—Continued

| ECC | NOUN                     | MODEL  | LIN    | NSN           | EIC | REG#<br>REC | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|--------------------------|--------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | SEMITRLR STAKE           | S72161 | S72161 | 2330010907920 | CWP | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR STAKE           | S72161 | S72161 | 2330010907918 | CWN | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR STAKE           | S72161 | S72161 | 2330010907917 | CWM | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR STAKE           | S72178 | S72178 | 2330010907919 | CWQ | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR (STRADDLE)      | S72183 | S72183 | 2330010911735 | DVT | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR TANK (F/S)      | S72709 | S72709 | 2330010907860 | C4L | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR TANK (F/S)      | S72709 | S72709 | 2330010907851 | C4M | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR TANK (F/S)      | S72709 | S72709 | 2330010907852 | C4N | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR TANK (F/S)      | S72709 | S72726 | 2330010907856 | C4G | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR TANK (F/S)      | S72709 | S72726 | 2330010907854 | C4F | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR TANK (F/S)      | S72709 | S72726 | 2330010907857 | C4H | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR TANK (F/S)      | S72709 | S72726 | 2330010907858 | C4J | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR TANK (CHEM)     | S73051 | S73051 | 2330010919064 | *** | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR TANK (WTR)      | S73257 | S73257 | 2330010907859 | C4R | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR TANK (WTR)      | S73257 | S73257 | 2330010907853 | C4P | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR TANK (WTR)      | S73257 | S73257 | 2330010907855 | C4Q | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR TANK (WTR)      | S73304 | S73304 | 2330010911684 | C4S | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN CGO (FURN)      | S73942 | S73942 | 2330010907845 | CWR | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN CGO<br>(CLOSED) | S73942 | S73942 | 2330010907847 | CWS | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN CGO (OPEN)      | S73942 | S73942 | 2330010907849 | CWU | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR VAN CARGO       | S74096 | S74096 | 2330010907848 | CWV | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN EXP EXHIBIT     | S74413 | S74413 | 2330010911691 | C4A | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN CALBR LAB       | S74500 | S74500 | 2330010911688 | CWT | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR VAN (HORSE)     | S74550 | S74550 | 2330010909536 | C4C | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR VAN (HORSE)     | S74550 | S74550 | 2330011104248 | C4B | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN (MISSILE MNT)   | S74695 | S74695 | 2330010909537 | C4D | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN (LEARN CTR)     | S74728 | S74728 | 2330010911689 | CWW | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR VAN (PERS)      | S74901 | S74901 | 2330010907846 | CQD | X           |                       |               | X                 |                 |                 |                |
|     | STLR VAN MONITOR LAB     | S74938 | S74938 | 2330011023534 | C4E | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR VAN SHOP 6      | S74975 | S74975 | 2330010911690 | CHP | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR VAN SHOP 12     | S75000 | S75000 | 2330010909535 | CWX | X           |                       |               | X                 |                 |                 |                |
|     | SEMITRLR VAN (TV)        | S75185 | S75185 | 2330010911692 | C8Z | X           |                       |               | X                 | X               |                 |                |
|     | VW VANS (ALL TYPES)      |        |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRK VAN                  | NO-LIN | NO-LIN | 2320007020070 | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRK VAN                  | NO-LIN | NO-LIN | 230009650265  | *** | X           |                       |               | X                 |                 |                 |                |
|     | TRK VAN (CRIME SCENE)    | T61850 | T61850 | 2320010957479 | CXW | X           |                       |               | X                 | X               |                 |                |
|     | TRK VAN (INSTRUMENT)     | T62159 | T62159 | 2320011162959 | FX3 | X           |                       |               | X                 | X               |                 |                |
|     | TRK VAN (AIR SAMPLE)     | T62322 | T62322 | 2320010911663 | FWT | X           |                       |               | X                 | X               |                 |                |
|     | TRK VAN (AUDIO TEST)     | T62390 | T62390 | 2320010909524 | FWD | X           |                       |               | X                 | X               |                 |                |
|     | TRK VAN MOB ELEC LAB     | T62458 | T62458 | 2320011755541 | FYF | X           |                       |               | X                 | X               |                 |                |
|     | TRK VAN EXP W/HLG        | T93240 | T93240 | 2320010932843 | FXU | X           |                       |               | X                 | X               |                 |                |
|     | TRK VAN (MOB COMM)       | T93688 | T93688 | 2320011794280 | FYG | X           |                       |               | X                 | X               |                 |                |
|     | TRK VAN (ADPE MAINT)     | X61745 | X61745 | 2320010911665 | FWV | X           |                       |               | X                 | X               |                 |                |
|     | TRK VAN CGO LOAD         | X61782 | X61782 | 2320010911661 | FWS | X           |                       |               | X                 | X               |                 |                |
|     | TRAN                     |        |        |               |     |             |                       |               |                   |                 |                 |                |
|     | TRK VAN (CARGO)          | X61792 | X61792 | 2320010907772 | FLT | X           |                       |               | X                 | X               |                 |                |
|     | TRK VAN (CARGO-4X2)      | X61792 | X61792 | 2320010907772 | FLT | X           |                       |               | X                 | X               |                 |                |
|     | TRK VAN (CARGO-4X2)      | X61792 | X61792 | 2320010907771 | FLS | X           |                       |               | X                 | X               |                 |                |
|     | TRK VAN (CARGO-4X2)      | X61800 | X61800 | 2320010907774 | FNG | X           |                       |               | X                 | X               |                 |                |
|     | TRK VAN (CARGO-4X2)      | X61800 | X61800 | 2320010907773 | FNF | X           |                       |               | X                 | X               |                 |                |
|     | TRK VAN (CARGO-6X4)      | X61810 | X61810 | 2320010911043 | FNH | X           |                       |               | X                 | X               |                 |                |

**Table E-4**  
**Identification of required forms for non-tactical wheeled vehicles and special purpose vehicles—Continued**

| ECC | NOUN                  | MODEL  | LIN    | NSN           | EIC | REG#<br>REC | 2408-4<br>WPNS<br>REC | 2408-5<br>MWO | 2408-9<br>A/T/G/L | 2408-9<br>USAGE | DD2026<br>USAGE | 2408-9<br>OVHL |
|-----|-----------------------|--------|--------|---------------|-----|-------------|-----------------------|---------------|-------------------|-----------------|-----------------|----------------|
|     | TRK VAN EXP W/HLG     | X62091 | X62091 | 232009650255  | FNJ | X           |                       |               | X                 | X               |                 |                |
|     | TRK VAN (LASER TEST)  | X62254 | X62254 | 2320010911667 | FWX | X           | X                     |               | X                 |                 |                 |                |
|     | TRK VAN (MEDICAL)     | X62272 | X62272 | 2320010907778 | FVG | X           |                       |               | X                 | X               |                 |                |
|     | TRK VAN HEALTH CLINIC | X62273 | X62273 | 2320010911666 | FWW | X           |                       |               | X                 | X               |                 |                |
|     | TRK VAN (HEALTH UNIT) | X62276 | X62276 | 2320010970246 | FXU | X           |                       |               | X                 | X               |                 |                |
|     | TRK VAN (MSL TEST)    | X62278 | X62278 | 2320010909525 | FWE | X           |                       |               | X                 | X               |                 |                |
|     | TRK VAN (TV MAINT)    | X62281 | X62281 | 2320010919059 | FKJ | X           |                       |               | X                 | X               |                 |                |
|     | TRK VAN (MOB TV PROD) | X62291 | X62291 | 2320010913203 | FXP | X           |                       |               | X                 | X               |                 |                |
|     | TRK VAN (TV RECORD)   | X62291 | X62291 | 2320010919060 | FXQ | X           |                       |               | X                 | X               |                 |                |
|     | TRK VAN (RECRUITING)  | X62325 | X62325 | 2320010911664 | FWU | X           |                       |               | X                 | X               |                 |                |
|     | TRK VAN SHOP (2X2)    | X62487 | X62487 | 2320010907777 | FVF | X           | X                     |               | X                 |                 |                 |                |



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