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MIL-STD-1808A  
NOTICE 1  
8 February 2002

DEPARTMENT OF DEFENSE  
INTERFACE STANDARD  
SYSTEM SUBSYSTEM SUB-SUBSYSTEM NUMBERING

TO ALL HOLDERS OF MIL-STD-1808A:

1. THE FOLLOWING PAGES OF MIL-STD-1808A HAVE BEEN REVISED AND SUPERSEDE THE PAGES LISTED:

NEW PAGE	DATE	SUPERSEDED PAGE	DATE
Title	1 December 1996	Title	Reprinted without change
ii	8 February 2002	ii	1 December 1996
1	8 February 2002	1	1 December 1996
2	8 February 2002	2	1 December 1996

2. RETAIN THIS NOTICE AND INSERT BEFORE TABLE OF CONTENTS.

3. Holders of MIL-STD-1808A will verify that page changes and additions indicated above have been entered. This notice page will be retained as a check sheet. This issuance, together with appended pages, is a separate publication. Each notice is to be retained by the stocking points until the standard is completely revised or canceled.

Preparing Activity  
Air Force - 16  
(Project: TMSS-F642)

Review Activities  
Air Force - 10, 11, 13, 19, 99

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MIL-STD-1808A(USAF)  
1 December 1996

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SUPERSEDING

MIL-STD-1808  
10 October 1990

# DEPARTMENT OF DEFENSE INTERFACE STANDARD

## SYSTEM SUBSYSTEM SUB-SUBSYSTEM NUMBERING



AMSC N/A

AREA TMSS

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## **MIL-STD 1808A(USAF)**

### **FOREWORD**

1. This standard is approved for use by the Department of the Air Force and is available for use by all Departments and Agencies of the Department of Defense.
2. In order to provide standardization between publications a standardized numbering system has been developed. It is was designed with sufficient flexibility to permit expansion and application outside the technical manual system to support logistics elements that interact with or directly influence equipment maintenance and technical manual development and use.
3. To ensure maximum flexibility, gaps have been left in the system and subsystem numbering sequences. Manufacturers are encouraged to use the unassigned systems and subsystems to accommodate unique design or emerging technologies when required, as approved by the procuring activity and current acquisition policy.
4. As a minimum, this standard is intended to be used in conjunction with MIL-PRF-83495 and MIL-HDBK-863. Additional applications are available as defined in the documents identified in section 2.
5. Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: MSG/MMF 4375 Chidlaw Rd., Suite S008, Wright Patterson AFB, OH 45433-5006, by using the Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

**MIL-STD 1808A(USAF)****1. SCOPE.**

1.1 Scope. This standard sets forth requirements for the system, subsystem, and sub-subsystem numbering requirements for engineering drawings, technical manual, and other acquisition and logistics support requirements for aircraft, missile and space systems, engines, and ground communication-electronic equipment. Additionally, it may be used for supportability analysis, configuration management, maintenance data collection, or where ever a consistent maintainability related reference numbering requirement exists across a weapon system.

1.2 Acquisition applicability. This standard shall be used by all Air Force acquiring activities and their respective contractors during the development and acquisition of weapon systems and equipment.

**2. APPLICABLE DOCUMENTS.**

2.1 General. The documents listed in this section are specified in sections 3, 4, and 5 of this standard. This section does not include documents cited in other sections of this standard or recommended for additional information or as examples. While every effort has been made to ensure the completeness of this list, document users are cautioned that they must meet all specified requirements documents cited in sections 3, 4, and 5 of this standard, whether or not they are listed.

**2.2 Government documents.**

2.2.1 Specifications, standards, and handbooks. The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those listed in the issue of the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto, cited in the solicitation (see 6.2).

**SPECIFICATIONS****DEPARTMENT OF DEFENSE**

- MIL-PRF-9854 - Technical Manuals: Structural Repair (Aircraft)
- MIL-PRF-38807 - Technical Manuals - Illustrated Parts Breakdown, Preparation of
- MIL-PRF-83495 - Technical Manuals - On Equipment Maintenance Manual Set
- MIL-PRF-87268 - Manuals, Interactive Electronic Technical - General Content, Style, Format, and User-interaction Requirements

**STANDARDS****DEPARTMENT OF DEFENSE**

- MIL-HDBK-863 - Wiring Data and System Schematic Diagrams Preparation of

(Unless otherwise indicated, copies of federal and military specifications, standards, and handbooks are available from the Standardization Documents Order Desk, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.)

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**2.2.2 Other Government documents, drawings, and publications.** The following other Government documents, drawings, and publications form a part of this document to the extent specified herein. Unless otherwise specified, the issues are those cited in the solicitation.

## TECHNICAL MANUALS

## U.S. AIR FORCE

TO 1-1-4 - Exterior Finishes, Insignia, and Marks Applicable  
to United States Air Force Aircraft

(Copies of this manual required by manufacturers in connection with specific acquisition functions should be obtained from the acquiring activity or as directed by the contracting officer.)

**2.3 Order of precedence.** In the event of a conflict between the text of this document and the references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

**3. DEFINITIONS.**

**3.1 Definitions.** Definitions shall be in accordance with the documents listed in Section 2.

**4. GENERAL REQUIREMENTS.**

**4.1 System subsystem sub-subsystem number (SSSN).** The SSSN referencing shall be used to locate needed data for the technical information required by those documents listed in section 2. Broad rules for applying the SSSN are outlined in herein. The SSSN numbering system is a dash number breakdown that provides a means for dividing information into system, subsystem, and sub-subsystem. The following instructions provide general procedures for constructing the SSSN using the numbers assigned herein. The SSSN shall be used in conjunction with the functional requirements of MIL-PRF-9854, MIL-PRF-38807, MIL-PRF-83495, electronic data task oriented view packages developed according to MIL-PRF-87268, and MIL-HDBK-863.

**4.1.1 Number composition.** The basic SSSN is composed of two and three digit elements (see Table I). The first element (system) and the first digit of the second element (subsystem) are assigned as specified herein (see section 5). The second digit of the second element (sub-subsystem) and the third element (subject) are assigned by the manufacturer according to the complexity of the equipment and the numbering application. The fourth element (function) is used when typical maintenance functions are required. Depending on program needs, such as supportability analysis, configuration management, work unit codes, engineering data, etc., additional elements may be added to the right.

**4.1.1.1 System number.** When assigning system or subsystem numbers to information applicable to a whole system or whole subsystem zeros shall occupy the applicable elements and digits of the SSSN. For example, Information about the complete Navigation system located in an On-equipment Maintenance Manual Set (OMMS), General System (GS) manual would be assigned the SSSN 34-00-00. Information contained in this manual must be applicable to the entire Navigation system.

**4.1.1.2 Subsystem number.** Continuing the example in 4.1.1.1, if subsystems are so complex that the information cannot be practically covered, additional subsystem breakouts may be required. The information in these manuals would be confined to the specific subsystem, e.g., information for the Dependent Position Determining subsystem would be assigned 34-50-00.

**4.1.1.3 Sub-subsystem number.** Systems designed with very complex subsystems may require further breakout into sub-subsystems. The sub-subsystem element numbers and descriptions are defined by the manufacturer. Sub-subsystems shall be indicated by a number greater than zero in the second element, second digit, e.g., 34-51-00. In this case, -51 represents a sub-subsystem,

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