DATA ITEM DESCRIPTION

Form Approved
OMB No. 0704-0188

1. TITLE	2. IDENTIFICATION NUMBER
Subsystem Design Analysis Report	DI-GDRQ-80567A

3. DESCRIPTION / PURPOSE

3.1 This report is used to evaluate the design approach for the configuration item or subsystem and to provide visibility to the government. The data may also be used to formulate additional technical direction to the design activity.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE
930721	F/ASC/YHY	X	

7. APPLICATION / INTERRELATIONSHIP

7.1 This Data Item Description contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

7.2 This report is normally prepared during the analysis effort for each configuration item or subsystem during system acquisition. It may also be applicable to other developmental efforts.

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8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER
		F6954

10. PREPARATION INSTRUCTIONS

10.1 Reference documents. The applicable issue of the documents cited herein, including their approval dates and dates of any applicable amendments, notices, and revisions shall be specified in the contract.

10.2 Format. The report shall be structured to separately cover each of the major subsections of the design analysis task. The analysis report shall correlate the design requirements with the system requirement and any specified requirement for the subsystem or configuration item. The report shall describe or reference all related data (sketches, preliminary drawings, schematics, functional diagrams) necessary for portrayal of the analysis or to aid in an understanding of the analysis.

10.2.1 The report shall conform to the specific requirements of ANSI Z39.18 as stated in the contract data requirements list.

10.3 Content. The report shall include the following:

10.3.1 Objective of the analysis.

10.3.2 Description of the items involved, including adequate drawings, schematics, and computer print-outs, to support the analysis.

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11. DISTRIBUTION STATEMENT

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

Block 7, Application/Interrelationship (Continued)

7.3 Defense Technical Information Center (DTIC), Cameron Station, Alexandria VA 22314-6145.

7.4 This DID supersedes DI-GDRQ-80567.

Block 10, Preparation Instructions (Continued)

10.3.3 Specification of design constraints and assumptions imposed on the analysis.

10.3.4 Discussion of the evaluation and analysis procedure, method or technique used, and its probable accuracy, explained by sample calculations.

10.3.5 Identification of source material used in the analysis.

10.3.6 Results of the analysis, to include such aspects as:

a. Predicted performance related to requirements.

b. Design impact and any constraints which influence other subsystems or configuration items.

c. Producibility considerations.

d. Problems encountered or revealed and suggested solutions.

10.3.7 Conclusions.