DATA ITEM DESCRIPTION

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

1. TITLE	2. IDENTIFICATION NUMBER
Critical Task Analysis Report	DI-HFAC-81399

3. DESCRIPTION/PURPOSE

3.1 The Critical Task Analysis Report describes the results of analyses of critical tasks performed by the contractor to provide a basis for evaluation of the design of the system, equipment, or facility.
3.2 The evaluation will verify that human engineering technical risks have been minimized and solutions are in hand.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE
940526	MI		

7. APPLICATION/INTERRELATIONSHIP

7.1 This Data Item Description (DID) contains the format and content preparation instructions for the Critical Analysis Report Task resulting from the work task delineated in 5.1.3.2 of MIL-STD-46855.

7.2 Not for use by the Army.

7.3 This DID supersedes DI-H-7055.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER
		A7027

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 as specified in the contract.

10.2 Content. The Critical Task Analysis Report shall describe and analyze each critical task including:

a. Information required by and available to personnel which is relevant to the critical task assigned to them.

b. Actions which each performer shall complete to accomplish the critical task, including responses to specific information, responses to combinations of information, and self-initiated responses.

c. The functional consequences of each operator or maintainer critical task with respect to the effects upon both the immediate subsystem functions and the overall system mission.

d. For each critical task, the factors described by 5.1.3.2(1) through 5.1.3.2(20) of MIL-STD-46855. (Continued on Page 2)

11. DISTRIBUTION STATEMENT

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

Block 10, PREPARATION INSTRUCTIONS (Continued)

10.3 Format. The Critical Task Analysis Report shall be presented in one or more of the following formats, as appropriate; however, the same information shall not be presented twice, regardless of form:

a. Flow diagrams. Used primarily to describe the sequential, parallel, or interactive relationships of human tasks and equipment and software actions showing the relevant antecedents and the consequences of each operator action.

b. Tabular presentation. Used to describe discrete units of a given task measured along a time-base or other quantitative performance criteria. This mode of presentation may be used to show a level of detail that cannot be encompassed in the flow diagrams.

c. Narrative description. Used to describe tasks which can be satisfactorily accomplished by any number of optional procedures which may be chosen by the contractor. Such description shall specify the concepts and objectives of the task to be performed rather than the concrete procedures to be employed.