

DATA ITEM DESCRIPTION			Form Approved OMB No. 0704-0188	
1. TITLE Human Engineering System Analysis Report		2. IDENTIFICATION NUMBER DI-HFAC-80745		
3. DESCRIPTION/PURPOSE 3.1 The Human Engineering System Analysis report describes the human engineering efforts conducted as part of system analysis and presents results. <p style="text-align: right;">(Continued on Page 2)</p>				
4. APPROVAL DATE (YYMMDD) 890117	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) MI	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE	
7. APPLICATION/INTERRELATIONSHIP 7.1 This Data Item Description (DID) contains the format and content preparation instructions for the Human Engineering System Analysis Report resulting from the work tasks delineated in 3.2.1 through 3.2.1.2 of MIL-H-46855B. 7.2 This DID supersedes DI-H-7054. <p style="text-align: right;">(Continued on Page 2)</p>				
8. APPROVAL LIMITATION		9a. APPLICABLE FORMS	9b. AMSC NUMBER A4615	
10. PREPARATION INSTRUCTIONS 10.1 <u>Reference documents</u> . 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 <u>Format</u> . The Human Engineering System Analysis Report format shall be contractor selected. Unless effective presentation would be degraded, the initially used format arrangement shall be used for all subsequent submissions. 10.3 <u>Content</u> . The Human Engineering System Analysis Report shall contain the following: 10.3.1 <u>System objective(s)</u> . In accordance with information provided by the procuring activity or contractor studies, the system objective(s) shall be described. If the objective(s) are to be met by the system operating in conjunction with other systems not within the scope of the contract, the following shall also be described: 10.3.1.1 The overall (or higher level) objective(s) to be met through combined operation of systems. <p style="text-align: right;">(Continued on Page 2)</p>				
11. DISTRIBUTION STATEMENT DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.				

DI-HFAC-80745

Block 3, Description/Purpose (Continued)

3.2 The data are used by the procuring activity to evaluate the appropriateness and feasibility of system functions and roles allocated to operators and maintainers.

Block 10, Preparation Instructions (Continued)

10.3.1.2 The sub-objective(s) to be met by the system being developed under the contract.

10.3.1.3 Interactions required between systems to meet the objective(s).

10.3.2 System mission(s). In accordance with information provided by the procuring activity or based upon contractor studies, the system mission(s) shall be described. The mission description(s) shall describe the context(s) within which the system will meet its objective(s); e.g., geography, mission time constraints, weather, day/night, humidity, sea state, terrain roughness, vegetation density, enemy force concentration, enemy weapons/countermeasures capabilities, enemy order of battle, presence or absence of other cooperating systems, etc.

10.3.3 System functions. In accordance with information provided by the procuring activity or based on contractor studies, or both, the system functions (which must be performed to meet the system objective(s) within the mission context(s)) shall be described.

10.3.4 Allocation of system functions. Analyses conducted in accordance with 3.2.1.1 of MIL-H-46855 shall be described. Specifically, the following analyses and the results of these analyses shall be presented:

10.3.4.1 Information flow and processing (3.2.1.1.1 of MIL-H-46855).

10.3.4.2 Estimates of potential operator/maintainer processing capabilities (3.2.1.1.2 of MIL-H-46855).

10.3.4.3 Allocation of functions (3.2.1.1.3 of MIL-H-46855).

10.3.5 Equipment identification. In accordance with information provided by the procuring activity and based upon contractor studies conducted in accordance with 3.2.1.2 of MIL-H-46855, the selected design configuration shall be described.