

<b>DATA ITEM DESCRIPTION</b>		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 DEVELOPMENTAL DESIGN DRAWINGS AND ASSOCIATED LISTS		2. IDENTIFICATION NUMBER DI-DRPR-81002A	
3. DESCRIPTION/PURPOSE  3.1 Developmental Design Drawings and Associated Lists define engineering design approaches. They are used to support design analyses and the development of prototype hardware.			
4. APPROVAL DATE 970521	5. OFFICE OF PRIMARY RESPONSIBILITY(OPR)  AR	6a. DTIC REQUIRED	6b. GIDEP REQUIRED
7. APPLICATION/INTERRELATIONSHIP 7.1 This Data Item Description (DID) contains the format and content preparation instructions for Developmental Design Drawings and Associated Lists resulting from the work task described in 3.6.2 of MIL-DTL-31000A.  7.2 This DID is applicable to acquisitions of military systems, equipment, and components. It is intended for use primarily during the concept demonstration/validation phase of the DoD materiel life-cycle.  (Continued on page 2)			
8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER D7276	
10. PREPARATION INSTRUCTIONS 10.1 <u>Reference Documents.</u> The applicable issue of documents cited herein, including their approval dates and the dates of applicable amendments, notices, and revisions, shall be as cited in the contract.  10.2 <u>General.</u> Developmental Design Drawings and Associated Lists shall be in accordance with MIL-DTL-31000A and the Selection Work Sheet incorporated into the contract.  10.3 <u>Format.</u> Drawings and associated lists shall be in either the contractor's or Government's format as specified on the Selection Work Sheet incorporated into the contract.  10.4 <u>Content.</u> Developmental Design Drawings and Associated Lists shall define an engineering design approach in detail. These drawings shall:  a. Support the evaluation of the inherent ability of the design approach to meet the stated military requirement and,  b. Support the development of prototype hardware, including computer software if applicable, for test or experimentation.  (Continued on page 2)			
11. DISTRIBUTION STATEMENT  DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.			

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### Block 7, Application/Interrelationship (continued)

7.3 It is not intended that all the requirements contained herein should be applied to every program. This DID should be tailored to the minimum data requirements of the applicable contract or purchase order.

7.4 This DID supersedes DI-DRPR-81002, which superseded DI-E-7031 and DI-CMAN-80778.

7.5 This DID is related to DI-DRPR-81000A, DI-DRPR-81001A, and DI-DRPR-81003A.

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### Block 10, Preparation Instructions (Continued)

- c. Describe any materials or processes which must be developed as a result of the design approach.
- d. Identify any unique processes required by the design approach.

10.5 CAGE code and document numbers. Developmental design drawings and associated lists shall be identified with the contractor's CAGE code and contractor document numbers or with a Government CAGE code and Government document numbers as specified in the Selection Work Sheet incorporated in the contract or purchase order.

10.6 Selection of drawings. The type of drawings to be prepared will vary according to the complexity of the design approach and may range from simple sketches to complex drawings. The Selection Work Sheet incorporated in the contract or purchase order will specify whether the contractor or the Government is responsible for selecting the types of drawings and lists to be prepared.

10.7 Control Drawings. Control drawings need not be prepared for vendor items or nonstandard parts.

10.8 Applicability of Standards. When specified on the Selection Work Sheet incorporated into the contract or purchase order, developmental design drawings and associated lists shall conform to the requirements of ASME Y14.100M, ASME Y14.34M and, where DoD peculiar requirements must be met, MIL-STD-100.