DATA ITEM DESCRIPTION

Form Approved
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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

Corrosion Prevention and Control Plan

2. IDENTIFICATION NUMBER

DI-MFFP-81403

3. DESCRIPTION/PURPOSE

3.1 The system corrosion prevention and control plan describes the contractor's specific corrosion prevention and control measures to be implemented for the purpose of controlling corrosion. The plan will be used by the acquiring activity to evaluate the adequacy of the contractor's corrosion program in meeting the specific design, performance, and operational requirements contained in military specifications and standards and appropriate systems specifications.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE
940606	F/ASC-ENFSA		

7. APPLICATION/INTERRELATIONSHIP

7.1 This Data Item Description (DID) contains the format and content preparation instructions for data resulting from the work task described by paragraph 5.1.1 of MIL-STD-1568.

7.2 This DID must be tailored to the specific system being acquired and the acquiring service's specific requirements.

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8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER
		F7035

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 Format. This plan shall be in the contractor's format.

10.3 Content. This plan shall describe the contractor's approach to implement the corrosion program in accordance with paragraph 5.1.1 of MIL-STD-1568. This corrosion prevention and control plan shall address only those materials and processes intended to be used in the specific weapon system being acquired. The plan shall include the following.

10.3.1 Management considerations. The plan shall identify the contractor's office of primary responsibility, including relationship to the organization and authority with respect to drawing release and material and process selections.

10.3.2 General considerations. The procedures established to insure compliance with the finish specification and generally apply preventive and corrective procedures during design/development, manufacturing, materials handling, packaging, shipping, testing, modification, and operation and at all other times that the equipment is in custody of the contractor.

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11. DISTRIBUTION STATEMENT

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

Atch 3

Block 7, Application/Interrelationship (Continued)

7.3 This DID is applicable to any system acquisition that includes a requirement for a corrosion prevention and control program.

7.4 This DID shall be used for the entire system and all major subsystems, including airframe, avionics, engine, mechanical subsystems, and support equipment.

7.5 This DID supersedes DI-S-3598A.

Block 10, Preparation Instructions (Continued)

10.3.3 Corrosion review. A plan for periodic reviews (both scheduled and unannounced) at the prime and the major subcontractor facilities to evaluate the adequacy of the contractor's efforts in corrosion prevention and control.

10.3.4 Requirements derivation. An explanation of the design usages and service environments that form the design criteria and are the origin of corrosion requirements. Describe which requirements this plan is intended to address, including the level of adequacy with respect to each basic requirement. Data sources include system and subsystem specifications, corrosion and finish specifications, operational or storage conditions, drainage and venting requirements, manufacturing conditions, corrosion requirements derived from operational performance requirements, and usage environments.

10.3.5 Requirements flowdown. A description of the requirements translation and communication process. Describe how system corrosion requirements are translated into subtier requirements, considering criticality of particular hardware (as determined by the Failure Modes and Effects Criticality Analysis), severity of local environment and difficulty of maintenance. Include how these subtier requirements are communicated to designers, vendors, and subcontractors by the prime contractor. Describe how the prime contractor verifies the vendor and subcontractor compliance with the requirements prior to acceptance of the design for production.

10.4 Integrity program cross references. The following appendices, organized by subsystem, shall reference applicable paragraphs of documents containing information described in 10.3.

10.4.1 System corrosion prevention and control plan.

10.4.2 Airframe corrosion prevention and control plan.

10.4.3 Engine corrosion prevention and control plan.

Block 10, Preparation Instructions (Continued)

10.4.4 Mechanical subsystems corrosion prevention and control plan.

10.4.5 Avionics corrosion prevention and control plan.

10.4.6 Support equipment corrosion prevention and control plan.