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| **DATA ITEM DESCRIPTION** | | | |  |
| **1. TITLE** | | | **2. IDENTIFICATION NUMBER** | |
| **System Problem Report** | | | **FAA-TE-002** | |
| **3. DESCRIPTION/PURPOSE** | | | | |
| **3.1** This report describes the test, inspection, audit (PCA, FCA), component, Quality Inspection, or procedural failures, deviations, anomalous conditions, or unplanned events observed. It specifies when they occurred, other proximate troubles, verification, analysis, rework, retest, regression test, cause of failure, results of investigations, and parts analysis summary. | | | | |
| **4. APPROVAL DATE (YYMMDD)** | **5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)** | | **6a. DTC APPLICABLE** | **6b. GIDEP APPLICABLE** |
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| **7. APPLICATION/INTERRELATIONSHIP** | | | | |
| **7.1** This Data Item Description (DID) is applicable when the contract contains requirements for a failure report, PCA/FCA audits, and CPT and formal testing. | | | | |
| **8. APPROVAL LIMITATION** | | **9a. REFERENCES** | | **9b. AMSC NUMBER** |
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| **10. PREPARATION INSTRUCTIONS** | | | | |
| **10.1** The applicable issue of the documents cited herein, including their approval dates and applicable amendments and revisions, shall be as reflected in the contract.  **10.2** Format. This report shall be prepared in the contractor’s format.  **10.3** Content. The failure report shall contain information in sufficient detail to identify the failed item, symptoms of failure, test conditions, and item operating time/cycles/modes at time of failure.  **10.3.1** Origination. The origination information shall include the following as applicable.  a. Problem report number.  b. Name of equipment under contract.  c. Failed item identification (i.e., item being operated or tested at time of failure or trouble) starting at the top assembly down to the lowest level possible.  d. Date and time of day of failure.  e. Identification of inspection, test, or other operation in which failure was detected and applicable document, inspection, or procedure step(s) of occurrance.  f. Description of failure or symptoms of failure and BIT indications. Include measured values and specification or other “should be” values (success criteria), environmental conditions, and other pertinent observations/troubles.  g. Operating time or cycles from elapsed time indicators or operating logs.  h. Originator’s name and organization, facility where failure was discovered, and name or cognizant engineer. | | | | |
| **11. DISTRIBUTION STATEMENT** | | | | |
| DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited. | | | | |