

DATA ITEM DESCRIPTION

Title: Equipment History Data Package

Number: DI-SESS-81730A

Approval Date: 26 MAR 2013

AMSC Number: 9360

Limitation: N/A

DTIC Applicable: No

GIDEP Applicable: No

Office of Primary Responsibility: NS/IIS4

Applicable Forms: N/A

Use/Relationship:

To provide an accurate history for each vehicle equipment to be delivered.

This Data Package is related to the following Data Item Descriptions (DIDs):

Failure Data and Traceability Record, DI-RELI-80807

Failure Analysis and Corrective Action Report, DI-SESS-81315A

This Data Item Description (DID) is applicable to communicate security/Aerospace Vehicular Equipment related to Air Force Satellite Programs. This DID contains the format, content, and intended use information for the data deliverable resulting from the work task described in the solicitation.

Requirements:

1. Reference Documents. None.
2. Format. The following format requirements shall apply:
 - a. The pages shall be prepared (or duplicated) in non-fading ink 8"x10 1/2" or 8 1/2" x 11" paper. Subject to prior government approval, copies of information prepared to other sizes may be acceptable.
 - b. The document shall be enclosed in a durable plastic three-ring binder. The security classification of the document shall appear at the top and bottom of both the front and back cover. Security classifications shall appear on all other pages as applicable.
 - c. The title page shall contain:
 - (1) Title of the document, equipment nomenclatures, and serial number.
 - (2) Name and signature of the person responsible for compiling the document.
 - (3) Name of the preparing activity, contract number and date compilation.
 - d. A Table of Contents shall follow the Title Page.

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- e. A separate package conforming to above instruction shall be prepared for retrofit or modification actions. This package will show previous operating time from original package.
 - f. Instructions for Entering Data in the Operating Time Log (Fig. 1):
 1. DATE – Date of test.
 2. START TIME – Time the test began.
 3. STOP TIME – Time the test was completed.
 4. TOTAL TIME OF TEST – Total time of the test.
 5. CUMULATIVE TOTAL TIME OF TEST – A running total of all time spent testing the device. It is obtained by adding the previous cumulative total (if any) to the total time for that test.
 6. REMARKS – To be used to identify the test being reported; problems encountered during the test; or other such information.
3. Content. The data package shall include the following information for the equipment identified in the Statement of Work (SOW):
- a. Section 1.1 shall contain the operating time log for the equipment (see Fig. 1). Section 1.2 shall contain a complete list of boards and subassemblies incorporated in the equipment. This list shall show parts, number, type, location, serial number and traceability information, verified by Quality Assurance. Section 1.3 shall contain a Record sheet of Permuter showing short title, edition and register installed, verified by Quality Assurance. This sheet shall be used to record any changes of Permuters.
 - b. Section 2 shall contain the final assembly manufacturing order.
 - c. Section 3 shall contain records of all failures of boards, subassemblies or equipment and the result of a failure analysis.
 - d. Section 4 shall contain records of all non-conforming material reports (Material Review Board Reports), discrepancy reports and dispositions.
 - e. Section 5 shall contain all electrical test data sheets for the major subassemblies (Power Converter, etc.) and the end item. Circuit card test data will not be included. Procedures (except for special tests) shall not be included.

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- f. Section 6 shall contain final environmental test data sheets including but not limited to:
 - (1) Time/Temperature charts for all thermal and thermal/vacuum tests.
 - (2) Spectrum chart for all vibrations tests.
 - (3) Specimen test results data sheets.

- g. Section 7 shall contain Quality Assurance check sheets. The required data shall contain but not limited to:
 - (1) Record of lowest operating voltage of the equipment and current drain at 22, 28, and 33 volts DC.
 - (2) Record of internal processing time and internal processing and output time (as applicable).
 - (3) This section will not contain quality plans, etc.

- h. Section 8 shall contain any supplemental information which provides equipment history. This shall include but not limited to:
 - (1) Copies of correspondence concerning waivers, deviations, engineering change proposals, special tests, etc.
 - (2) Record of special tests and results.
 - (3) List of waivers, deviations, and ECPs.

- i. Section 9 shall contain blank operating time log forms for subsequent use. These forms shall be prepared in accordance with figure 1 of this DID.

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DATE	START TIME	STOP TIME	TOTAL TIME OF TEST	CUMULATIVE TIME OF TEST	REMARKS

OPERATING TIME LOG
Figure 1

4. End of DI-SESS-81730A