

DATA ITEM DESCRIPTION

Title: AIRWORTHINESS CERTIFICATION CRITERIA REPORT

Number: DI-SESS-81768

Approval Date: 20090518

AMSC Number: F9067

Limitation: N/A

DTIC Applicable: N/A

GIDEP Applicable: N/A

Preparing Activity: 11 (ASC/863 AESG/SYE)

Applicable Forms:

Use/relationship: The purpose of the Airworthiness Certification Criteria Report is to provide airworthiness certification criteria verification results. The data will be used to support program managers' airworthiness type certification of aircraft.

a. This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

b. DI-SESS-81768 shall be used in conjunction with DI-SESS-81766, "*Airworthiness Specification*".

Requirements:

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 cited in the contract.

2. Format. Contractor format is acceptable.

3. Content. The Airworthiness Certification Criteria Report shall contain the following:

3.1. The report shall contain a system description. The description shall describe modifications to the basic commercial aircraft and contain applicable system level drawings and diagrams.

3.2. The report shall list the airworthiness certification basis from the airworthiness specification, including both the standards (requirements) and the methods of compliance.

3.3. The report shall contain a compliance matrix. The matrix shall provide traceability to documents showing compliance of the design (artifacts) with each compliance standard from the Airworthiness Specification. List the specific location of the data artifacts used to demonstrate criteria compliance. This data shall be included in the report upon completion of each compliance standard

DI-SESS-81768

verification activity. Include applicable document titles and numbers and the contractor's current status of compliance with each applicable criterion.

Inspection of properly executed Federal Aviation Administration (FAA) certification proof document (Supplemental Type Certificate (STC), FAA form 337, FAA form 8110-3, etc.) is a valid verification approach for compliance standards completely satisfied by FAA type certification for commercial derivative aircraft. Differences in usage, environment, and interface shall be considered when making this determination.

3.4. The report shall contain a compliance summary. The summary shall include the contractor's overall aircraft airworthiness certification assessment and a discussion of why the results support the assessment.

4. End of DI-SESS-81768