

## DATA ITEM DESCRIPTION

### TITLE: AIRWORTHINESS-RELATED SUBSTANTIATION DATA

**Number: DI-SAFT-81905**

**AMSC Number: N9358**

**DTIC Applicable: N/A**

**Office of Primary Responsibility: AS/PMA-207**

**Applicable Forms: N/A**

**Approval Date: 20130313**

**Limitation: N/A**

**GIDEP Applicable N/A**

#### Use/relationship:

Airworthiness-related substantiation data is information required by Naval Air Systems Command to support the generation of a Navy Interim Flight Clearance.

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

This DID contain the format, content and intended use information for the data product resulting from the work task described in the contract.

#### Requirements:

1. Format. Contractor format is acceptable.
2. Content. Airworthiness-related substantiation data shall include the following:
  - a. Scope of the Navy Interim Flight Clearance (IFC) that is sought. State whether the IFC is required for an aircraft (i.e., the aircraft cannot perform under the contract as a civil aircraft due to the inability to comply with civil regulations or aircraft operating limitations) or for an aircraft modification (e.g., changes required to install and operate mission equipment that cannot be fully certified by FAA).
  - b. If the required IFC is for an aircraft, provide the following:
    - i. A copy of the FAA registration certificate (AC 8050-3).
    - ii. A copy of the Airworthiness Certificate (FAA 8100-2 or 8130-7). If this certificate is a Special (8130-7), also include the Operating Limitations identified in Part E.
    - iii. Inspection Program: If the aircraft is a multi-engine turbine powered airplane, or a turbine powered rotorcraft with a standard airworthiness certificate, provide a copy of the log book page identifying the inspection program applicable to the aircraft. For all turbine powered aircraft with Special Airworthiness Certificates, and for all aircraft with Standard certificates that identified a 14 CFR 91.409(f) (4) programs, provide a copy of the letter from FAA that approves the current inspection program.

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- iv. Master Minimum Equipment List (MEL): for all aircraft with Standard certificates for which a Master MEL exists, provide a copy of the letter from FAA authorizing that aircraft to operate under the provisions of the approved MEL. If no approved Master MEL exists for the aircraft, then state that the aircraft will abide by the provisions of 14 CFR 91.213 as it relates to inoperative instruments and equipment.
- c. If the required IFC is for one or more aircraft modification(s), provide the following for each modification:
- i. For aircraft that have Standard certificates or that previously held a standard certificate, provide the FAA Form 337 that cites approved data authorizing the operation of the aircraft as civil with either the provisions for, or the captive carry of the special mission equipment.
  - ii. For all other aircraft, provide sufficient data to determine that the equipment or provisions for the equipment meet the applicable civil or military standards for the type of aircraft concerned. If this data references FAA regulations as the standard, then provide FAA Form 8110-3 forms signed by FAA Designated Engineering Representatives (DERs) approving that data. If the modification is a Major Change as defined by 14CFR21.93, provide the FAA's determination as to whether new operating limitations are required.
  - iii. Identify any portions of the FAA Operating Limitations associated with a Special Airworthiness certificate that do not apply while operating as a Public Aircraft.
  - iv. Specific instructions for the energizing and de-energizing of equipment that is only FAA approved for captive carry.
  - v. Specific instructions for the installation of, operation (energizing), and removal of all mission equipment where the FAA approval is only for the provisions to install the special equipment. The removal instructions should include all information for securing cables, plumbing, hoses racks, trays, etc. It should also include instructions on de-energizing all energy sources, electrical, hydraulic, pneumatic etc. These instructions should also include any Weight and Balance data necessary for the operation of the aircraft with the equipment installed and removed.
- d. Provide a statement acknowledging the following:
- i. The owner/operator will comply with all provisions of the FAA Federal Aviation Regulations (14CFR), with the exception of any regulation that is explicitly waived by the Navy IFC when the aircraft operates as a "public aircraft" (e.g., operation outside an FAA approved configuration or, for aircraft with Experimental certificates, operation for compensation or hire).
  - ii. The owner/operator will make a maintenance record entry when any mission equipment is installed or removed
  - iii. The owner/operator will maintain the configuration of the aircraft to conform with the requirements and limitations imposed by the FAA Airworthiness Certificate with the only exceptions being those enumerated in the Navy IFC.

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- iv. The owner/operator will retain a copy of the Navy IFC on board the aircraft when operated as a public aircraft.
- v. This statement should be on corporate letterhead of the owner, and signed by a corporate officer if the owner identified on the registration certificate is a corporate entity.

3.0 End of DI-SAFT-81905.