

DATA ITEM DESCRIPTIONForm Approved
OAS No. 0704-0188

1. TITLE		2. IDENTIFICATION NUMBER	
AIRFRAME/SYSTEMS ENGINEERING DATA		DI- DI-SAFT-80901	
3. DESCRIPTION/PURPOSE			
<p>3.1 This Data shall include the data required to substantiate the FAA Airworthiness Certification and existing engineering data developed for models of this aircraft.</p> <p>3.2 This data may be utilized to fulfill data and test requirements for flight certification/clearance, of modified/derivative models of this aircraft.</p>			
4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE
870713	N/AIR-5114EL		
7. APPLICATION/INTERRELATIONSHIP			
<p>7.1 This Data Item Description contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract statement of work.</p> <p>7.2 This DID is for procurement of existing data necessary for flight clearance substantiation, modifications to, or follow-on development of existing commercial off-the-shelf FAA certified aircraft.</p>			
8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER	
		N4830	
10. PREPARATION INSTRUCTIONS			
<p>10.1 <u>General</u>. The following FAA Airworthiness certification data and existing engineering data for this aircraft or previous military or FAA Certification of models of this aircraft shall be provided.</p> <p>10.2 <u>Content</u>.</p> <ul style="list-style-type: none"> (a) Aerodynamic Performance Reports (b) Aerodynamic Analyses & Tests (c) Stability & Control Analyses & Tests (d) Airframe Stress Analyses & Tests (e) Airframe Fatigue Analyses & Tests (f) Structural Description & Design Reports (g) Aerodynamic Description & Design Reports (h) Wind Tunnel Test Reports (i) Landing Gear System Design & Analyses (j) Landing Gear System Tests (k) Flutter Analyses & Tests (l) General Arrangement Drawings (m) Inboard Profile Drawings (n) Structural Loads Internal & External Reports 			

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11. DISTRIBUTION STATEMENT

Distribution Statement A. Approved for public release distribution is unlimited.

DI-SAFT-80901

INSTRUCTIONS (Continued)

Propulsion Design and Description
 Engine Installation Description
 Engine Performance Analyses & Tests
 Engine Installation Description
 Engine Design, Analyses & Tests.
 Auxiliary Propulsion Equipment Design & Tests.
 Hydraulic Systems Design, Analyses & Tests.
 Pneumatic Systems Design, Analyses & Tests.
 Flight Control System Design, Analyses & Tests.
 Environmental Control Systems Design, Analyses & Tests.
 Materials Verification Reports.
 Data submitted to FAA for the initial aircraft certification.

Contractor data formats are acceptable.