

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate

Number ST03600AT

This certificate issued to

Avionics Support Group, Inc.
14291 SW 120 Street Suite 101
Miami, FL 33186

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product -- Type Certificate Number:

AISO

Make:

Lockheed

Model:

L382G Series

Description of Type Design Change: Installation of a Wingspeed Iridium Communication Management System and Dual DAC International Electronic Flight Bags (EFBs) in accordance with Avionics Support Group, Inc. Master Data List 27093-MDL, Rev. B, dated 2/15/08, or later FAA approved revision.

Limitations and Conditions: This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

(Limitations and Conditions continued on page 3 of 3)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: May 18, 2007

Date reissued:

Date of issuance: July 25, 2008

Date amended: August 9, 2010



By direction of the Administrator

Melvin D Taylor
(Signature)

Melvin D Taylor
Manager, Atlanta Aircraft Certification Office

(Title)

Supplemental Type Certificate

(Continuation Sheet)

Limitations and Conditions (cont):

FAA approved Airplane Flight Manual Supplement, Report 27093-FMS, dated July 25, 2008 or later FAA approved revision is a required part of this STC. Any equipment that is attached to the provisions approved by this certificate must be tested in accordance with the requirements of 27093-MDL Rev B dated 2/15/08 or later FAA approved revision.

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Lockheed L382G Series is as follows:

- a. The type certification basis for Lockheed L382G series airplane is shown on TCDS A1SO for parts not changed or affected by the change.
- b. The certification basis for parts changed or affected by the change since the reference date of application, May 18, 2007, is based upon part 25 as amended by Amendment 25-120. Based on Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the latest amendment 25-0 through 25-120

§§ 25.29	§§ 25.301	§§ 25.305	§§ 25.307	§§ 25.561	§§ 25.601	§§ 25.603
§§ 25.605	§§ 25.607	§§ 25.609	§§ 25.611	§§ 25.771	§§ 25.773	§§ 25.1301
§§ 25.1309	§§ 25.1351	§§ 25.1353	§§ 25.1357	§§ 25.1431	§§ 25.1529	§§ 25.1541

14 CFR Part 26 Regulations

Based on 14 CFR §21.101(g), applicable provision of 14 CFR part 26 are included in the certification basis. For any future 14 CFR part 26 amendments, the holder of this STC must demonstrate compliance with the applicable sections. As of the issuance date of this STC, compliance has been found for the following regulation: 14 CFR §26.11.

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