



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate
IMPORT

Number: ST03679NY

This certificate issued to: First Air
100 Thad Johnson Road
Ottawa, Ontario
Canada K1V 0R1

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 4b of the Civil Aviation Regulations.

Original Product – Type Certificate Number:
A1SO, Revision 16

Make: Lockheed Martin Corporation
Model: L-382G (Aircraft Serial No: 4600)

Description of Type Design Change:

1. Installation of the Propeller Pre-Heat System must be in accordance with Bradley Air Services Engineering Order EO-82-61-086, Revision A, dated December 11, 2006 or later Transport Canada approved revision.
2. Operations must be performed in accordance with Bradley Air Services Pilots Guide PG-82-06-003 Issue 4, dated August 21, 2012 or later Transport Canada approved revision.
3. Maintenance must be performed in accordance with Bradley Air Services Aircraft Maintenance Manual Supplement MMS-06-003 Revision C, dated November 2, 2012 or later Transport Canada accepted revision.

(See Description of Type Design Change continued on Page 3 of 3)

Limitations and Conditions:

1. There are no new airworthiness limitations introduced by this modification.
2. Required equipment is listed in Bradley Air Services Engineering Order EO-82-61-086, Revision A, dated December 11, 2006 or later Transport Canada approved revision and referenced in Aircraft Illustrated Parts Catalog Supplement IPC-06-003 Revision C, dated November 5, 2012 or later Transport Canada accepted revision.
3. You cannot use descriptive data about this design change to duplicate other products. This approval is limited to only the installation made in Lockheed Martin Corporation Model L-382G Serial No. 4600. This STC does not permit manufacturing of parts for multiple installations.

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

Date of Application: March 13,2014

Date Reissued:

Date of Issuance: March 4, 2016

Date Amended:

By Direction of the Administrator

Signature _____

Title Gaetano Sciortino
Manager
New York Aircraft Certification Office

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this Supplemental Type Certificate. The FAA will reissue the certificate in the name of the transferee and forward it to him.

Transfer Endorsement

Transfer the ownership of Supplemental Type Certificate Number: ST03679NY

To (Name and address of transferee)

From (Name and address of grantor)

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: _____

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Supplemental Type Certificate

(Continuation Sheet)

Number: ST03679NY

Date of Issuance : March 4, 2016

Description of Type Design Change (Continued):

4. Airworthiness requirements must be in accordance with Bradley Air Services Instructions for Continued Airworthiness ICA-06-006, Revision C, dated November 5, 2012 or later Transport Canada approved revision.

Certification Basis:

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

- a. For parts not changed or not affected by the change: The existing type certification basis for the aircraft models is as shown on the FAA Type Certificate Data Sheet A1SO, Revision 16.
- b. For parts changed or affected by the change: The existing type certification basis for the aircraft models is as shown on the FAA Type Certificate Data Sheet A1SO, Revision 16, and the following regulations up to and including FAR 25 Amendment 25-110:

25.1, 25.305, 25.307, 25.561, 25.601, 25.603, 25.605, 25.611, 25.613, 25.831, 25.863, 25.865, 25.867, 25.869, 25.1093, 25.114, 25.1811, 25.1301, 25.1309, 25.1322, 25.1351, 25.1353, 25.1357, 25.1501, 25.1522, 25.1529.

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Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).