

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate
IMPORT

Number SA01855NY

This certificate issued to
Thunder Bay Aviation Ltd.
309 Hector Dougall Way
Thunder Bay, Ontario
Canada P7E 6M5

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 3 of the Civil Air Regulations.

Original Product - Type Certificate Number: A-815

Make: DeHavilland

Model: DHC-3

Description of Type Design Change:

Installation of Kal Air, Model 1460 Extended Range Fuel System in accordance with Thunder Bay Aviation Ltd. Master Drawing List MDL1301, Revision N/C, Transport Canada Approved June 25, 2013, or later Transport Canada approved revisions.

Flight Operations must be performed in accordance with Thunder Bay Aviation Ltd. Flight Manual Supplement No. 615-PE, Issue 2, Transport Canada Approved June 25, 2013 or later Transport Canada approved revisions for piston powered aircraft.

Flight Operations must be performed in accordance with Thunder Bay Aviation Ltd. Flight Manual Supplement No. 615-TEG, Issue 2, Transport Canada Approved June 25, 2013 or later Transport Canada approved revisions for turbine powered aircraft.

The aircraft is to be maintained in accordance with Instructions for Continued Airworthiness performed in accordance with Thunder Bay Aviation Ltd. Maintenance Manual Supplement Report 033028-07, Revision NC, dated February 15, 2013 and Transport Canada accepted May 28, 2013 or later Transport Canada accepted revisions.

Limitations and Conditions:

1. Comply with the Airworthiness Limitations contained in the Mandatory Maintenance Manual Supplements and the required Airplane Flight Manual Supplements, as described above.
2. The installer must determine whether this design change is compatible with previously approved modifications.

(See Continuation on Sheet 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: October 3, 2003

Date reissued:

Date of issuance: January 16, 2004

Date amended: April 8, 2014

By direction of the Administrator



(Signature)

Gaetano Sciortino
Manager
New York Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

Supplemental Type Certificate
(Continuation Sheet)

Number SA01855NY

Date of Amendment: April 8, 2014

Limitations and Conditions (continued):

3. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.
4. Placards:
Adjacent Fuel Quantity Gauge: **REAR TANK CAPACITY: 73 IMP GAL.**
Adjacent Rear Tank Filler Port: **73 IMP GAL**
5. Weight and Balance Data: (Includes .5 IMP GAL unusable fuel)
Weight: + 38 pounds, Arm: FS 217.6

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