

Supplemental Type Certificate

IMPORT

Number ST02715NY

This certificate issued to Field Aviation Company Inc.
1312 Aviation Park North East
Calgary, Alberta
Canada T2E 7E2

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 25 of the Federal Aviation Regulations.

Original Product -- Type Certificate *Number:* A13NM

Make: Bombardier

Model DHC-8-402

Description of Type Design Change:

Installation of a VIP and Economy Configuration Interior in accordance with Transport Canada (TCCA) approved FACi Modification Instruction 214910, Revision (-original issue), dated January 12, 2009, or later Transport Canada approved revision.

Limitations and Conditions:

1. Wiring, antennas, and related structure for Chelton Swift 64 and Harris PRC-117 Radio Systems constitute provisions only. These systems are not approved for operation.
2. Operation of the In Seat Power cabin System (ISPS) must be in accordance with TCCA approved FACi Flight Manual Supplement 215430, Revision (-original issue), dated April 8, 2009 or later TCCA approved revisions.

(See Continuation Sheet 2 of 2)

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 25, 2009

Date reissued:

Date of issuance: July 14, 2009

Date amended:

By direction of the Administrator



(Signature)

Anthony Socias
Manager
New York Aircraft Certification Office

(Title)

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

Supplemental Type Certificate

(Continuation Sheet)

IMPORT

Number **ST02715NY** **DRAFT**

Limitations and Conditions (Continued):

3. Maintenance must be in accordance with FACi maintenance manual Supplement 314931, Revision (-original issue), dated March 31, 2008, or later TCCA accepted revisions.
4. Compliance with TCCA approved Airworthiness Limitations in Section 4 of FACi Instruction for Continued Airworthiness 214933, Revision A, dated March 31, 2009 is mandatory.
5. This modification may not be installed after August 30, 2010 unless (1) previously approved electrical wiring interconnection system (EWIS) instructions for continued airworthiness (ICA) have been evaluated and determined to be adequate for this installation by the FAA, or (2) revised EWIS ICA have been approved by the FAA Oversight Office, (Refer to 14 CFR § 26.11
6. Descriptive data pertaining to this design change are considered inadequate for duplication in other products. This approval is limited to only the installation made in Bombardier, DHC-8-402, Serial Number 4235. This STC does not permit manufacturing of parts for multiple installations.

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 Bombardier Model DHC-8-402, serial number 4235 is as follows:

- a) For parts not changed or not affected by the change: The existing type certification basis for the aircraft model as shown on the FAA Type Certificate Data Sheet A13NM.
- b) For parts changed or affected by the change: The existing type certification basis for the aircraft model as shown on the FAA Type Certificate Data Sheet A13NM, in addition to:
 - i) Equivalent level of safety finding for FAR 25.815 as documented in FAA Transport Directorate memo ELOS ST6006NY-T-C-1 dated July 10, 2009.
 - ii) FAR Part 26 Regulations:

Based on § 21.101(g), applicable provisions of part 26 are included in the certification basis. For any future 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 regulations at amendment 26-0 through 26-1: §26.11, §26.47.

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