



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

IMPORT

Number: ST03325NY

This certificate issued to: Field Aviation East Limited  
2450 Derry Road East, Hangar 2  
Mississauga, Ontario  
Canada L5S 1B2

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  
Mcng: Bombardier Inc.  
Mqf gr: DHC-8-101, DHC-8-102, DHC-8-103, DHC-8-106,  
DHC-8-201, DHC-8-202, DHC-8-301, DHC-8-311,  
DHC-8-315

Description of Type Design Change:

DHC-8-100 and 200 Series Aircraft , Universal EFI-890R EFIS Cockpit Upgrade

- 1. The installation of the EFI-890R System to be done in accordance with FACI Master Drawing and Data List 25200000, Rev M, dated June 17, 2014 or later Transport Canada approved revision.
- 2. Operation must be in accordance with FACI Flight Manual Supplements, 25203000 Rev C, dated June 17, 2014, 252003001 Rev IR, dated Aug 15, 2011, 25203002 Rev B, dated June 17, 2014, 25203003 Rev A, dated Oct 16, 2013, 25203004 Rev A, dated June 17, 2014, 25203005 Rev A, dated June 17, 2014 or later Transport Canada approved revisions.

(See Description of Type Design Change continued on Page 3 of 4)

Limitations and Conditions:

DHC-8-100 and 200 Series Aircraft , Universal EFI-890R EFIS Cockpit Upgrade

- 1. Operation must be in accordance with FACI Flight Manual Supplements, 25203000 Rev C, dated June 17, 2014, 252003001 Rev IR, dated Aug 15, 2011, 25203002 Rev B, dated June 17, 2014, 25203003 Rev A, dated Oct 16, 2013, 25203004 Rev A, dated June 17, 2014, 25203005 Rev A, dated June 17, 2014 or later Transport Canada approved revisions.

(See Limitations and Conditions continued on Page 3 of 4)

*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: February 2, 2011

Date reissued:

Date of issuance: September 3, 2013

Date amended: August 1, 2014

*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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*Supplemental Type Certificate*

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: ST03325NY*

**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: ST03325NY

Date amended: August 1, 2014

Description of Type Design Change (continued):

DHC-8-100 and 200 Series Aircraft , Universal EFI-890R EFIS Cockpit Upgrade (continued)

3. Maintenance must be in accordance with FACI Maintenance Manual Supplements; 25203101 Rev D, dated May 13, 2014, 25203103 Rev D, dated Jan 24, 2014, 25203104 Rev C, dated May 29, 2012, 25203105 Rev D, dated Dec 04, 2012, 25203106 Rev A, dated Jan 23, 2012, 25203107 Rev B, dated Oct 16, 2013, 25203108 Rev A, dated Jan 23, 2012, 25203109 Rev B, dated Dec 04, 2012, 25203110 Rev IR, dated Aug 12, 2011, or later Transport Canada accepted revision.

DHC-8-300 Series Aircraft , Universal EFI-890R EFIS Cockpit Upgrade

1. The installation of the EFI-890R System to be done in accordance with FACI Master Drawing and Data List 25210000 , Rev K, dated June 17, 2014, or later Transport Canada approved revision.
2. Operation must be in accordance with FACI Flight Manual Supplements, 25213001 Rev A, dated Aug 12, 2011, 25213003 Rev IR, dated Apr 09, 2011, 25213004 Rev IR, dated Mar 09, 2011, 25213005 Rev D, dated June 17, 2014, 25213006 Rev B, dated June 17, 2014 or later Transport Canada approved revisions.
3. Maintenance must be in accordance with FACI Maintenance Manual Supplements; 25203101, Rev D, dated May 13, 2014, 25203103, Rev D, dated Jan 24, 2014, 25203104, Rev C, dated May 29, 2012, 25203105, Rev D, dated Dec 04, 2012, 25213104, Rev B, dated Jan 23, 2012, 25213105, Rev B, dated Jan 23, 2012, 25213106, Rev B, dated Jan 23, 2012, 25213107, Rev C, dated Dec 04, 2012, 25203110, Rev IR, dated Aug 12, 2011, or later Transport Canada accepted revision.

Limitations and Conditions (continued):

DHC-8-100 and 200 Series Aircraft , Universal EFI-890R EFIS Cockpit Upgrade (continued)

2. Maintenance must be in accordance with FACI Maintenance Manual Supplements; 25203101 Rev D, dated May 13, 2014, 25203103 Rev D, dated Jan 24, 2014, 25203104 Rev C, dated May 29, 2012, 25203105 Rev D, dated Dec 04, 2012, 25203106 Rev A, dated Jan 23, 2012, 25203107 Rev B, dated Oct 16, 2013, 25203108 Rev A, dated Jan 23, 2012, 25203109 Rev B, dated Dec 04, 2012, 25203110 Rev IR, dated Aug 12, 2011, or later Transport Canada accepted revision.
3. The installation of dual, Universal UNS-1E, or UNS-1E(w) or UNS-1F or UNS-F(w) Flight Management Systems are a prerequisite to the installation of the EFI-890R Electronic Flight Instrument Suite.
4. The installer must determine whether this design change is compatible with previously approved modifications.
5. If the holder agrees to permit another person to use the certificate to alter the product, the holder must give the other person written evidence of that permission.

DHC-8-300 Series Aircraft , Universal EFI-890R EFIS Cockpit Upgrade

1. Operation must be in accordance with FACI Flight Manual Supplements, 25213001 Rev A, dated Aug 12, 2011, 25213003 Rev IR, dated Apr 09, 2011, 25213004 Rev IR, dated Mar 09, 2011, 25213005 Rev D, dated June 17, 2014, 25213006 Rev B, dated June 17, 2014 or later Transport Canada approved revisions.
2. Maintenance must be in accordance with FACI Maintenance Manual Supplements; 25203101, Rev D, dated May 13, 2014, 25203103, Rev D, dated Jan 24, 2014, 25203104, Rev C, dated May 29, 2012, 25203105, Rev D, dated Dec 04, 2012, 25213104, Rev B, dated Jan 23, 2012, 25213105, Rev B, dated Jan 23, 2012, 25213106, Rev B, dated Jan 23, 2012, 25213107, Rev C, dated Dec 04, 2012, 25203110, Rev IR, dated Aug 12, 2011, or later Transport Canada accepted revision.
3. The installation of dual, Universal UNS-1E, or UNS-1E(w) or UNS-1F or UNS-F(w) Flight Management Systems are a prerequisite to the installation of the EFI-890R Electronic Flight Instrument Suite.
4. The installer must determine whether this design change is compatible with previously approved modifications.
5. If the holder agrees to permit another person to use the certificate to alter the product, the holder must give the other person written evidence of that permission.

(See Continuation Sheet 4 of 4)

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# *Supplemental Type Certificate*

*(Continuation Sheet)*

*Number: ST03325NY*

Date amended: August 1, 2014

**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 DHC-8 classic series 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 plus FAR 25.1316 amendment 134, FAR 25.1317 amendment 25-122, and FAR 26.11 Amendment 26-0.

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