



United States of America
Department of Transportation
Federal Aviation Administration
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: ST02030NY

To (Name and address of transferee)

From (Name and address of grantor)

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: _____

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

(Continuation Sheet)

Number: ST02030NY

Date Amended: December 14, 2015

Description of Type Design Change (continued):

2. FAEL Flight Manual Supplement designated FMS 20056, Rev A or later Transport Canada approved revision is required for the Dual Universal UNS-1E Flight Management System installation when fitted to a 100 or 200 series aircraft.
3. FAEL Flight Manual Supplement designated FMS 20054, Rev A or later Transport Canada approved revision is required for the Dual Universal UNS-1E Flight Management System installation when fitted to a 300 series aircraft.
4. Maintenance must be performed in accordance with FAEL Maintenance Manual Supplement designated MMS 20095, Rev IR or later Transport Canada accepted revision.

Configuration B, EFIS Equipped, UNS-1E with Software Version SCN 802
DHC-8-100, 200 and 300 Series

1. Installation of the Universal Avionics System Corporation UNS-1E Flight Manual System must be performed in accordance with FAEL Master Drawing and Data List DDL-1115 Rev L or later Transport Canada approved revision.
2. FAEL Flight Manual Supplement designated FMS 20057 Rev IR or later Transport Canada approved revision is required for the Dual Universal UNS-1E Flight Management System installation when fitted to a 100 or 200 series aircraft.
3. FAEL Flight Manual Supplement designated FMS 20055, Rev IR or later Transport Canada approved revision is required for the Dual Universal UNS-1E Flight Management System installation when fitted to a 300 series aircraft.
4. Maintenance must be performed in accordance with FAEL Maintenance Manual Supplement designated MMS 20099, Rev IR or later Transport Canada accepted revision.

DHC-100, 200 and 300 Series, EFIS Equipped Aircraft, "Optional" Retrofit of Upgraded Honeywell Symbol Generators.

1. Installation of Honeywell Symbol Generators, Part Number 7004544-314, must be performed in accordance with FAEL Master Drawing and Data List designated DDL 1115, Rev L or later Transport Canada approved revision.
2. Maintenance must be performed in accordance with the latest revision of the Bombardier /deHavilland Maintenance Manual Chapters designated 34-28-00.

Configuration C, Non EFIS, Conversion from UNS-1C to UNS-1E with Software Version SCN 802
DHC-8-100, 200 and 300 Series

1. Installation of the Universal Avionics Systems Corporation UNS-1E Flight Management System must be performed in accordance with FAEL Master Drawing and Data List designated DDL-1115, Rev L or later Transport Canada approved revision.

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Supplemental Type Certificate

(Continuation Sheet)

Number: ST02030NY

Date Amended: December 14, 2015

2. FAEL Flight Manual Supplement designated FMS 20056, Rev A or later Transport Canada approved revision is required for the Dual Universal UNS-1E Flight Management System installation when fitted to a 100 or 200 series aircraft.
3. FAEL Flight Manual Supplement designated FMS 20054, Rev A or later Transport Canada approved revision is required for the Dual Universal UNS-1E Flight Management System installation when fitted to a 300 series aircraft.
4. Maintenance must be performed in accordance with FAEL Maintenance Manual Supplement designated MMS 20095 Rev IR or later Transport Canada accepted revision.

Configuration D, EFIS Equipped, Conversion from UNS-1C to UNS-1E with Software Version SCN 802
DHC-8-100, Series

1. Installation of Universal Avionics System Corporation UNS-1E Flight Management System must be performed in accordance with FAEL Master Drawing and Data List designated DDL-1115, Rev L or later Transport Canada approved revision.
2. FAEL Flight Manual Supplement designated FMS 20057, Rev IR, or later Transport Canada approved revision is required for the Dual Universal UNS-1E Flight Management System installation when fitted to a 100 series aircraft.
3. Maintenance must be performed in accordance with FAEL Maintenance Manual Supplement designated MMS 20099, Rev IR, or later Transport Canada accepted revision.

DHC-100, 200 and 300 Series, EFIS Equipped aircraft "Optional" Retrofit of Upgraded Honeywell Symbol
Generators

1. Installation of Honeywell Symbol Generators, Part Number 7004544-314, must be performed in accordance with FAEL Master Drawing and Data List designated DDL 1115, Rev L or later Transport Canada approved revision.
2. Maintenance must be performed in accordance with the latest revision of the Bombardier /deHavilland Maintenance Manual Chapters designated 34-28-00.

Configuration F, Non EFIS Equipped, Series 100 aircraft, Single UNS-1E with Software Version SCN 803.3
DHC-8-100 Series

1. Installation of the Universal Avionics Systems Corporation UNS-1E Flight Management System must be performed in accordance with FAEL Master Drawing and Data List designated DDL-1115, Rev Z or later Transport Canada approved revisions.
2. FAEL Flight Manual Supplement designated FMS 26113000 Rev IR, or later Transport Canada approved revision, is required for the Single universal UNS-1E Flight Management System installation when fitted to a 100 series aircraft.
3. Maintenance must be performed in accordance with FAEL Maintenance Manual Supplement designated MMS 26113100 Rev IR, and 26113101 Rev IR or later Transport Canada accepted revision.

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Number: ST02030NY

Date Amended: December 14, 2015

Limitations and Conditions (continued):

4. Honeywell Symbol Generators, Part Number 7004544-314 must be installed as a prerequisite to the installation of the UNS-1E Flight Management System.

Certification Basis (Configuration F):

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 Bombardier Inc. DHC-8-100 Series is as follows:

- a) For parts not changed or not affected by the change:
The existing type certification basis for the aircraft models 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 models as shown on the FAA Type Certificate Data Sheet A13NM plus:

FAR 26.11 Amendment 26-0

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