



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

ST07439NY-T GH

Number: ST09858AC

This certificate issued to: BE Aerospace Inc., dba SMR Technologies, Inc.
93 Nettie Fenwick Road
Fenwick, WV 26202-4000

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:

Make: Bombardier Inc.

A13NM

Model:

DHC-8-100 Series; DHC-8-200 Series; DHC-8-300 Series;
DHC-8-400 Series

Description of Type Design Change:

Replacement of certain OEM pneumatic deicer boots in accordance with SMR Technologies, Inc. Pneumatic De-Icer Layout, Bombardier DHC-8-100, -200, -300 Series, Document No. SMR5152, revision 8, dated November 23, 2015, and detail design as listed on Master Drawing List MDL-0070, Revision C, dated March 31, 2016, or later FAA approved revisions or Pneumatic De-Icer Layout, Bombardier DHC-8-400 Series, Document No. SMR5277, revision 5, dated November 13, 2015, and detail design as listed on Master Drawing List MDL-0071, Revision C, dated December 14, 2015, or later FAA approved revisions.

Limitations and Conditions:

1. The existing Aircraft Flight Manual (AFM) and Instructions for Continued Airworthiness (ICA) remain unchanged and are applicable to this modification.
2. Compatibility of this design change with previously approved modifications must be determined by the installer.
3. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

(See continuation sheet 3 of 3)

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: 1/18/2013

Date Reissued:

Date of Issuance: 6/1/2016

Date Amended:

By Direction of the Administrator

Signature _____

Title John Hardie
Acting Manager, Fort Worth Aircraft Certification Office
Southwest Region

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: ST09858AC

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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(Continuation Sheet)

Number: ST09858AC

Limitations and Conditions (continued from Page 1 of 3):

4. 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 DHC-8-100 Series; DHC-8-200 Series; DHC-8-300 Series; and DHC-8-400 Series replacement of Goodrich pneumatic deicer boots is as shown on the TCDS A13NM for parts changed or affected by the change.

-END-

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).