

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number ST00267BO

This Certificate issued to Pro Star Aviation, LLC.
Manchester Airport
5 Industrial Drive
Londonderry, NH 03053

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product Type Certificate Number: T00005NY
Make: Bombardier, Inc.
Model: BD-100-1A10

Description of Type Design Change:

Installation of a Honeywell HD-710 High Speed Data Receiver, EMS AMT-50 High Gain Antenna System, and EMS CNX-200 Cabin Network Router in accordance with Pro Star Aviation Master Document List 20674-MDL-02, Revision D, dated March 17, 2008, or later FAA-approved revision.

Limitations and Conditions:

1. Activation of Wireless Local Area Network (WLAN) capability requires separate installation approval.
2. Pro Star Aviation Airplane Flight Manual Supplement, Document No. 20674-FMS-02, Revision IR, dated March 20, 2008, or later FAA-approved revision is required and must be carried during all flights.

(See Continuation on Page 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: November 16, 2006

Date reissued: March 24, 2011

Date of issuance: March 20, 2008

Date amended:



By direction of the Administrator

(Signature)

Robert G. Mann
Manager
Boston Aircraft Certification Office

(Title)

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number ST00267BO

March 24, 2011

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of the 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 _____

to (*Name of transferee*) _____

(*Address of transferee*) _____

(*Number and street*)

(*City, State, and ZIP code*)

from (*Name of grantor*)(*Print or type*) _____

(*Address of grantor*) _____

(*Number & street*)

(*City, State, and ZIP code*)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor (*In ink*): _____

Supplemental Type Certificate

(Continuation Sheet)

Number ST00267BO

March 24, 2011

Limitations and Conditions (continued):

3. Instructions for Continued Airworthiness, Pro Star document no. 20674-ICA-02, Revision A, dated September 10, 2007, or later FAA accepted revision, shall be made available to the operator at the time of installation.
4. The installer must determine whether this design change is compatible with previously approved modifications.

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.

Certification Basis:

Model BD-100-1A10

Based on 14 CFR §§ 21.115 and 21.101, the certification basis for the installation of Honeywell HD-710 High Speed Data Receiver, EMS AMT-50 High Gain Antenna System, and EMS CNX-200 Cabin Network Router in the Bombardier Model BD-100-1A10 airplane is as follows:

- a. The type certification basis for Bombardier Model BD-100-1A10 airplane is shown on TCDS T00005NY for parts **not changed or not affected** by the change.
- b. The certification basis for parts **changed or affected** by the change since the reference date of application, November 16, 2006, is based upon part 25 as amended by Amendment 25-119. 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 this modification was determined to be:

Regulations at amendment 25-1 through 25-119

25.301-25.307, 25.321, 25.331, 25.333, 25.335, 25.337, 25.341, 25.561, 25.571, 25.581, 25.601 – 25.619, 25.623, 25.625, 25.789, 25.1301, 25.1309, 25.1316, 25.1322, 25.1351, 25.1353, 25.1357, 25.1381, 25.1431, 25.1529, 25.1581, 25.1583, 25.1585

-END-