

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

Number ST04054CH

This certificate issued to
Constant Aviation LLC
5211 Secondary Rd.
Cleveland, Ohio 44135

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. (See Page 3 for complete certification basis)

Original Product--Type Certificate Number: T00003NY
Make: Bombardier Inc.
Model: BD-700-1A10, BD-700-1A11

Description of Type Design Change:

Installation of Aircell® ATG-2000, ATG-4000 or ATG-5000 with Cabin Telecommunications Router and optional HD-710 High Speed Data Terminal and/or Satcom Direct Cabin Router with HD-710 High Speed Data Terminal in accordance with Constant Aviation LLC Master Drawing List Doc. No. DB1408013, Revision B, dated November 16, 2015, or later FAA approved revision.

Limitations and Conditions:

- 1) The installer must determine whether this design change is compatible with previously approved modifications.
- 2) FAA Approved Flight Manual Supplement, Constant Aviation Report No. DB1408017, Revision IR, approved January 29, 2016, or later FAA approved revision, is required.
- 3) If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

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: August 28, 2014

Date reissued:

Date of issuance: January 29, 2016

Date amended:



By direction of the Administrator

Steven L. Lardinois
(Signature)

Steven L. Lardinois
Manager, Systems and Flight Test Branch
Chicago Aircraft Certification Office

(Title)

United States of America
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Supplemental Type Certificate
(Continuation Sheet)

Number ST04054CH

Date Issued: January 29, 2016

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 BD-700-1A10 and BD-700-1A11 aircraft is as follows:

- a. The type certification basis for the BD-700-1A10 and BD-700-1A11 aircraft is shown on TCDS T00003NY for parts not changed or not affected by this change.
- b. The certification basis for the parts changed or affected by this change since the reference date of application, August 28, 2014, is based on TCDS T00003NY and §§ 14 CFR Part 25.

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 baseline modification was determined to be TCDS T00003NY.

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