

Supplemental Type Certificate

Number ST02664CH-D

This certificate, issued to:

Midcoast Aviation, Inc.
6400 Curtiss-Steinberg Drive
Cahokia, IL 62206

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 of 3 for Complete Certification Basis)

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

Description of Type Design Change:

Installation of a Wireless Local Area Network (WLAN) in accordance with Midcoast Aviation, Inc. Master Data List 35-409G003, Revision D, dated January 26, 2009 or later FAA approved revision.

Limitations and Conditions:

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. Airplane Flight Manual Supplement (AFMS) 35-409M003, Revision NC, dated January 26, 2009 or later FAA approved revision is required.

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: February 19, 2008

Date reissued:

Date of issuance: January 27, 2009

Date amended:

By direction of the Administrator:



A handwritten signature in black ink, appearing to read "Ken Farsi".

(Signature)
Ken Farsi
DAS Administrator
DAS-500004-CE

(Title)

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate
(Continuation Sheet)

Number ST02664CH-D

Date of Issuance: January 27, 2009

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 Inc. BD-700-1A11 aircraft with the Installation of a Wireless Local Area Network (WLAN) is as follows:

- a. The type certification basis for Bombardier Inc. BD-700-1A11 airplanes is shown on TCDS T00003NY for parts not changed or not affected by this change.
- b. The type certification basis for parts changed or affected by this change since the reference date of application, February 19, 2008, is based upon part 25 as stated by amendment levels below for each section. 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:

Compliance to the following 14 CFR Part 25 Sections have been demonstrated at amendment levels stated below for each section.

14 CFR PART 25.29 [Amdt. 25-72]; 25.301(a)(b) [Amdt. 25-23]; 25.303 [Amdt. 25-23]; 25.305(a)(b) [Amdt. 25-86]; 25.307(a) [Amdt. 25-72]; 25.341 [Amdt. 25-86]; 25.561(a)(b)(c) [Amdt. 25-91]; 25.601 [Amdt. 25-0]; 25.603 [Amdt. 25-46]; 25.605(a) [Amdt. 25-46]; 25.609(a)(b) [Amdt. 25-0]; 25.611 [Amdt. 25-23]; 25.613(a)(b)(c) [Amdt. 25-72]; 25.625(a)(b) [Amdt. 25-72]; 25.789(a) [Amdt. 25-46]; 25.853(a) [Amdt. 25-116]; 25.869(a)(4) [Amdt. 25-72]; 25.1301(a)(b)(c)(d) [Amdt. 25-0]; 25.1307(c) [Amdt. 25-72]; 25.1309(a)(b)(d)(g) [Amdt. 25-41]; 25.1322(d) [Amdt. 25-38]; 25.1351(a) [Amdt. 25-72]; 25.1353(a)(b) [Amdt. 25-42]; 25.1357(a)(c) [Amdt. 25-0]; 25.1381(a)(b) [Amdt. 25-72]; 25.1431(a)(c) [Amdt. 25-0]; 25.1529 [Amdt. 25-54]; 25.1541 [25-0]; 25.1581(a)(2) [Amdt. 25-72]; and 25.1583(c)(1)(2) [Amdt. 25-72].

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