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

Supplemental Type Certificate

Number ST02659CH-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-700-1A10

Description of Type Design Change:
Installation of a Wireless Local Area Network (WLAN) in accordance with Midcoast Aviation, Inc. Master Data List 35-409G002, Revision C, dated December 6, 2008 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) 35-409M002, Revision NC, dated December 8, 2008 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: March 6, 2008

Date of issuance: December 8, 2008

Date reissued:

Date amended:

By direction of the Administrator:

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

(Title)

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 in accordance with FAR 21.47.

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Supplemental Type Certificate
(Continuation Sheet)

Number ST02659CH-D

Date of Issuance: December 8, 2008

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-700-1A10 aircraft with the Installation of a Wireless Local Area Network (WLAN) is as follows:

a. The type certification basis for Bombardier Inc. BD-700-1A10 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, March 6, 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 25.25 [Amdt. 25-63]; 25.27 [Amdt. 25-0]; 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 [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)(c) [Amdt. 25-72]; 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(c) [Amdt. 25-0]; 25.1529 [Amdt. 25-54]; and 25.1581(a)(2) [Amdt. 25-54].

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