

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

Number: ST01658WI

This certificate issued to:

Jet Aviation St. Louis
6400 Curtiss-Steinberg Drive
Cahokia, IL 62206

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. (See Continuation Sheet)

Original Product - Type Certificate Number: T00005NY

Make: Bombardier

Model: BD-100-1A10

Description of Type Design Change:

Activation of the Wireless Fidelity (WiFi) capabilities of previously installed router(s) and Aircraft Transmitting Portable Electronic Devices (T-PEDs) Tolerance Testing. The activation of WiFi occurs via activation straps on the router. Data required:

- 1) 3S Certification Master Data List (MDL), No. 059-2325-L01-00, Revision IR, dated 12/28/2011, or later FAA approved revisions; and
- 2) 3S Certification Aircraft Flight Manual Supplement (AFMS), No. 059-2325-A01-00, Revision IR, dated 01/06/2012, or later FAA approved revisions.

Limitations and Conditions:

- 1) Compatibility of this design change with previously approved modifications must be determined by the installer.
- 2) 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.
- 3) Approval of this change in type design applies to the above model of airplane only.
- 4) A copy of this certificate and the ICA shall be maintained in the airplane permanent records.

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 19, 2011

Date reissued: June 23, 2014

Date of issuance: January 9, 2012

Date amended:



By direction of the Administrator

Original signed by Hieu Nguyen

(Signature)

Hieu Nguyen

Program Manager

Wichita Aircraft Certification Office

(Title)

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number: ST01658WI

Date of issuance: January 9, 2012

Date reissued: June 23, 2014

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, Inc. Model BD-100-1A10 Activation of WiFi Provisions and Transmitting Portable Electronic Devices (T-PED) Aircraft Tolerance Testing is as follows:

- a. The type certification basis for Bombardier, Inc. BD-100-1A10 is shown on 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 the application, 08/19/2011, is based upon 14 CFR Part 25 as amended by Amendment 25-101, 25-103 and 25-105. Based on 14 CFR 21.115 and § 21.101, and the FAA policy for significant changes in the FAA Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the latest amendment 25-0 through 25-134

25.601 [Amdt. Orig.], 25.609(a) [Amdt. Orig.], 25.771(a) [Amdt. 25-4], 25.773(a1) [Amdt. 25-121], 25.777(a) [Amdt. 25-46], 25.1301(a)(1)(2)(3)(4) [Amdt. 25-123], 25.1309(a) [Amdt. 25-123], 25.1353(a) [Amdt. 25-123], 25.1381 [Amdt. 25-72], 25.1431(a)(c) [Amdt. 25-113], 25.1501 [Amdt. 25-42], 25.1529 [Amdt. 25-54], 25.1581(a)(2)(b)(d) [Amdt. 25-72], 25.1585(a) [Amdt. 25-105], H25.1 [Amdt. 25-123], H25.2 [Amdt. 25-54], H25.3 [Amdt. 25-54], H25.4 [Amdt. 25-132]

Regulation at the amendment level in TCDS T00005NY

See Above

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.

-----END-----