

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

Number ST03402CH

This certificate issued to

J.A. Air Center
43W730 Route 30
Sugar Grove IL 60554

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 Type Certificate Data Sheet No. A21EA and Page 3 for complete certification basis)

Original Product--Type Certificate Number:

A21EA

Make:

Bombardier, Inc.

Model:

CL-600-1A11 (CL-600); CL-600-2A12 (CL-601);
CL-600-2B16 (CL-601-3A Variant); and
CL-600-2B16 (CL-601-3R Variant)

Description of Type Design Change:

Installation of CMC Electronics CMA-2200SB SwiftBroadband (SBB) Satcom Antenna System in accordance with J.A. Air Center Master Drawing List Document No. DB1206024, Revision B, dated October 30, 2014 or later FAA approved revision.

Limitations and Conditions:

1. The installer must determine whether this design change is compatible with previously approved modifications.
2. 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.
3. The aircraft must be maintained in accordance with FAA Approved Instructions for Continued Airworthiness (ICA), J.A. Air Center Document No. DB1208018, 15.0 Airworthiness Limitations, Revision IR (Section 15), approved November 24, 2014 or later FAA approved revision.

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 28, 2012

Date reissued:

Date of issuance: December 1, 2014

Date amended:



By direction of the Administrator

(Signature)

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

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

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Supplemental Type Certificate
(Continuation Sheet)

Number ST03402CH

Certification Basis: (continued)

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 CL-600-1A11/-2A12/-2B16 (3A & 3R Variants) aircraft is as follows:

- a. The type certification basis for the Bombardier CL-600-1A11/-2A12/-2B16 (3A & 3R Variants) aircraft is shown on TCDS A21EA 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, November 28, 2014, is based on TCDS A21EA 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 as listed on TCDS A21EA and the following:

14 CFR Part 25:

25.251 (Amdt 77); 25.571(e)(1) (Amdt 54); 25.1419(a) (Amdt 72); 25.1529 (Amdt 54).

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