

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

Number ST03433CH

This certificate issued to
Comlux Aviation Services
6404 Turner Dr.
Hanger 2
Indianapolis IN 46241

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); CL-600-2B16 (CL-601-3R Variant);
and CL-600-2B16 (CL-604 Variant)

Description of Type Design Change:

Installation of a Data Link Communication System supporting Air Traffic Services (ATS) utilizing an International Communications Group, Inc. (ICG) Iridium Satcom and Universal Avionics UniLink® UL-801 Communications Management Unit and certification of an optional Automatic Dependent Surveillance - Broadcast (ADS-B) Out System utilizing upgraded ATC Transponders in accordance with Comlux Aviation Services Master Drawing List document no. DB1404001, Revision A, dated January 13, 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) If the holder agrees to permit another person to use this certificate to alter a product, the holder must give that person written evidence of that permission.

(Continued on Page 3)

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: April 14, 2014

Date reissued:

Date of issuance: March 6, 2015

Date amended:



By direction of the Administrator

(Signature)

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

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(Continuation Sheet)

Number ST03433CH

Date of Issuance: March 6, 2015

Limitations and Conditions (continued):

- 3) Those aircraft modified with installation of the Data Link Communications System (FANS with an ICG Iridium SATCOM and UniLink® UL-801 CMU) must be maintained in accordance with FAA Approved Instructions for Continued Airworthiness (ICA), Comlux Aviation Services report no. DB1404003, Section 15 Airworthiness Limitations, revision IR, approved March 4, 2015 or later FAA approved revision.
- 4) FAA Approved Airplane Flight Manual Supplement (AFMS), Comlux Aviation Services report no. DB1408025, Revision IR, approved March 4, 2015, or later FAA approved revision, is required on board the aircraft modified with the Data Link Communications System (FANS with an ICG Iridium SATCOM and UniLink® UL-801 CMU).
- 5) FAA Approved Airplane Flight Manual Supplement (AFMS), Comlux Aviation Services report no. DB1404004, Revision IR, approved March 4, 2015, or later FAA approved revision, is required on board the modified aircraft certified for Automatic Dependent Surveillance - Broadcast (ADS-B) Out.

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 CL-600-1A11, -2A12, -2B16 (CL-601-3A/3R Variant, CL-604 Variant) aircraft is as follows:

- a. The type certification basis for the Bombardier CL-600-1A11, CL-600-2A12, CL-600-2B16 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, April 14, 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 TCDS A21EA and the following later regulation:

[-] Indicates amendment level

[25-113] 25.1431(a)(b)(c)

- END -