

Supplemental Type Certificate

IMPORT

Number **ST03046NY**

This certificate issued to ACS-NAI Limited
25 Dunlop Avenue
Winnipeg, Manitoba
Canada, R2X 2V2

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.

Original Product -- Type Certificate Number: **A21EA**
Make: **Bombardier Inc.**
Model: **CL-600-2B19**

Description of Type Design Change:

Configuration 1 (For Hire):

Installation of Complete Custom Aircraft Interior in accordance with ACS-NAI Ltd., Modification Data Summary Number G583003, Revision A, dated November 28, 2011 or later Transport Canada approved revision. Refer to drawings listed in "Installation Data" section of Modification Data Summary Number G583003, Revision A, dated November 28, 2011 or later Transport Canada approved revision for additional installation requirements.

Configuration 2 (Private Use Only):

Installation of Complete Custom Aircraft Interior in accordance with ACS-NAI Ltd., Modification Data Summary, Number G583002, Revision A, dated November 28, 2011 or later Transport Canada approved revision. Refer to drawings listed in "Installation Data" section of Modification Data Summary Number G583002, Revision A, dated November 28, 2011 or later Transport Canada approved revision for additional installation requirements.

Limitations and Conditions:

(See Continuation Sheet 2)

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 05, 2011

Date reissued :

Date of issuance: December 22, 2011

Date amended :

By direction of the Administrator



(Signature)

Michele Maurer
Acting Manager
New York Aircraft Certification Office

(Title)

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

Number **ST03046NY**

Date of Issuance: December 22, 2011

Limitations and Conditions: (Continued)

1. Refer to the Airworthiness Limitations contained in the required Mandatory Maintenance Manual Supplements and the required Airplane Flight Manual Supplements.
2. The Wireless Local Area Network (WLAN) system installed as part of the interior completion is intended to provide cached internet content and email services to Portable Electronic Devices. Any other use of this equipment will require a re-examination of the certification basis.
3. The Airworthiness Approval does not constitute operational approval of the Wireless Local Area Network (WLAN) system installed on this aircraft. Operation of the WLAN system is subject to operational approval by the responsible civil aviation authority.
4. Transport Canada approved ACS-NAI Ltd., Mandatory Maintenance Manual Supplement G583070 Revision NC, dated February 16, 2011 or later Transport Canada approved revision is required with this installation.
5. Transport Canada approved ACS-NAI Ltd., Mandatory Maintenance Manual Supplement G583071 Revision NC, dated February 23, 2011 or later Transport Canada approved revision is required with this installation.
6. Transport Canada approved ACS-NAI Ltd., Mandatory Maintenance Manual Supplement G583072 Revision NC, dated May 04, 2011 or later Transport Canada approved revision is required with this installation.
7. Transport Canada approved ACS-NAI Ltd., Mandatory Maintenance Manual Supplement G583073 Revision NC, dated July 20, 2011 or later Transport Canada approved revision is required with this installation.
8. Transport Canada approved ACS-NAI Ltd., Airplane Flight Manual Supplement for Wireless Local Area Network (WLAN) Access Point, ICG Nxtmail Server System G583090, Rev. NC, dated March 22, 2011 or later Transport Canada approved revision is required with this installation.
9. Federal Aviation Administration approved ACS-NAI Ltd., Airplane Flight Manual Supplement for Complete Custom Aircraft Interior G583092, Rev. NC, dated December 22, 2011 or later Federal Aviation Administration approved revision is required with this installation.
10. For Instructions for Continued Airworthiness refer to Comlux The Aviation Group G583075, Rev A, dated July 22, 2011 Instructions for Continued Airworthiness for the Installation, Complete Custom Aircraft Interior on a Bombardier Aerospace, Inc. Model CL-600-2B19 aircraft, SN 8105, or later Transport Canada accepted revision.
11. For Instructions for Continued Airworthiness refer to Comlux America BDDM-0000-C101, Rev -, dated May 18, 2011 Electrical Wiring Interconnection Systems (EWIS) Instructions for Continued Airworthiness (ICA) Source Document for Interior Installation on a Bombardier Aerospace, Inc. Model CL-600-2B19 aircraft, SN 8105, or later Transport Canada accepted revision.
12. Compatibility of this design change with previously approved modifications must be determined by the installer.
13. Private use limitation (Configuration 2) applies when the mid-cabin door is activated or is operational. When the mid-cabin door is de-activated (Configuration 1) or is non-operational the private use limitation is permitted to be removed.
14. Descriptive data pertaining to this design change are considered inadequate for duplication in other products. This approval is limited to only the installation made in Bombardier Inc. CL-600-2B19, Serial Number 8105. This STC does not permit manufacturing of parts for multiple installations.

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

Supplemental Type Certificate
(Continuation Sheet)

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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 Model CL-600-2B19 is as follows:

- a) For parts not changed or not affected by the change: The existing type certification basis for the aircraft model as shown on the FAA Type Certificate Data Sheet A21EA.
- b) For parts changed or affected by the change: The existing type certification basis for the aircraft model as shown on the FAA Type Certificate Data Sheet A21EA, in addition to:
 - i) Part 26 regulations
26.11 Amendment 26-0
 - ii) Special Federal Aviation Regulation No. 109, Special Requirements for Private Use Transport Category Airplanes, dated June 08, 2009 for Configuration 2.

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