

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

Supplemental Type Certificate  
IMPORT

Number ST03308NY

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:

- Installation of Complete Custom Aircraft Interior, Configuration 1 (For Hire), in accordance with ACS-NAI Ltd., Modification Data Summary Number G425003, Revision N/C, dated April 25, 2012 or later Transport Canada approved revision.
- Installation of Complete Custom Aircraft Interior, Configuration 2 (Private Use Only), in accordance with ACS-NAI Ltd., Modification Data Summary, Number G425002, Revision N/C, dated April 25, 2012 or later Transport Canada approved revision
- The aircraft is to be operated in accordance with ACS-NAI Ltd., Airplane Flight Manual Supplement for Complete Custom Aircraft Interior, document number G425092, Rev. NC, FAA approved on June 17, 2013.

(See Description of Type Design Change Continued on page 3 of 3)

Limitations and Conditions:

- Installation of CMC Electronics Pilotview Class II Electronic Flight Bag in accordance with STC ST03248NY issued on February 7, 2013, is a prerequisite to this modification.
- 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.

(See Limitations and Conditions Continued on page 3 of 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: September 6, 2011

Date reissued :

Date of issuance: July 2, 2013

Date amended :

By direction of the Administrator



(Signature)

Gaetano Sciortino  
Manager  
New York 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.

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

*Number* **ST03308NY**

Date of Issuance: July 2, 2013

*Description of Type Design Change:* (Continued)

- d) The aircraft is to be maintained in accordance with Aero Consulting Services Ltd., Mandatory Maintenance Manual Supplement G192070 Revision NC, dated September 21, 2009 or later Transport Canada approved revision.
- e) The aircraft is to be maintained in accordance with Aero Consulting Services Ltd., Mandatory Maintenance Manual Supplement G099071 Revision NC, dated February 5, 2009 or later Transport Canada approved revision.

*Limitations and Conditions:* (Continued)

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. Comply with the Airworthiness Limitations contained in the required Mandatory Maintenance Manual Supplements and the required Airplane Flight Manual Supplements.
5. Transport Canada approved Aero Consulting Services Ltd., Mandatory Maintenance Manual Supplement G192070 Revision NC, dated September 21, 2009 or later Transport Canada approved revision is required with this installation.
6. Transport Canada approved Aero Consulting Services Ltd., Mandatory Maintenance Manual Supplement G099071 Revision NC, dated February 5, 2009 or later Transport Canada approved revision is required with this installation.
7. The "Limitation" section of ACS-NAI Ltd., Airplane Flight Manual Supplement for Complete Custom Aircraft Interior G425092, Rev. NC, FAA approved on June 17, 2013, is applicable as part of this installation.
8. The aircraft is to be maintained in accordance with Midcoast Aviation Inc. Instructions for Continued Airworthiness for the installation, Complete Custom Aircraft Interior on Bombardier Aerospace Inc. Model CL-600-2B19 Aircraft S/N 8103, document number 33-027E175, Rev A, dated April 12, 2012, or later Transport Canada accepted revision.
9. The aircraft is to be maintained in accordance with ACS-NAI Instructions for Continued Airworthiness Source Document, Electrical Wiring Interconnection Systems (EWIS) for Complete Custom Aircraft Interior, document number H149078, Rev A, dated April 18, 2012, or later Transport Canada accepted revision.
10. The installer must determine whether this design change is compatible with previously approved modifications.
11. 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.
12. 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 8103. This STC does not permit manufacturing of parts for multiple installations.

*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) The type certification basis for the Bombardier Model CL-600-2B19 as shown on the FAA Type Certificate Data Sheet A21EA for parts not changed or not affected by the change.
- b) The type certification basis for the Bombardier Model CL-600-2B19 as shown on the FAA Type Certificate Data Sheet A21EA for parts changed or affected by the change with the following exceptions:
  - i) §§ 26.11 at Amendment 26-0, and 26.47 at Amendment 26-1 for continued airworthiness and safety improvements for transport category airplanes.
  - 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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