

# Supplemental Type Certificate

IMPORT

*Number* **ST03032NY**

*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 (Regional Jet Series 100 & 400)**

*Description of Type Design Change:*

Installation of the Flap Actuator Heater System in accordance with ACS-NAI Limited Modification Data Summary Number G168000, Revision C, dated August 02, 2011 or later Transport Canada approved revision. Refer to drawings listed in "Installation Data" section of Modification Data Summary Number G168000, Revision C, dated August 02, 2011 or later Transport Canada approved revision for additional installation requirements.

*Limitations and Conditions:*

1. Heater is to be operated in accordance with Transport Canada approved ACS-NAI Limited, Airplane Flight Manual Supplement for Flap Actuator Heater System Installation, G168090, Rev N/C, dated July 27, 2011 or later Transport Canada approved revisions.
2. For Instructions for Continued Airworthiness refer to ACS-NAI Limited Maintenance Manual Supplement, Flap Actuator Heater System on Bombardier CL-600-2B19, G168070, Revision N/C, dated June 14, 2011, and Supplement Aircraft Illustrated Parts Catalog, Flap Actuator Heater System Bombardier CL-600-2B19, G168071, Revision N/C, dated June 14, 2011, or later Transport Canada accepted revisions.

(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.*

**IMPORT**

*Date of application :* August 12, 2011

*Date of issuance :* November 8, 2011

*Date reissued :*

*Date amended :*

*By direction of the Administrator*



(Signature)

Anthony Gallo  
Acting Manager  
New York Aircraft Certification Office

(Title)

# Supplemental Type Certificate

(Continuation Sheet)

*Number* **ST03032NY**

Date of Issuance: November 8, 2011

*Limitations and Conditions:* (Continued)

3. Maintenance must be accomplished in accordance with ACS-NAI Limited Maintenance Manual Supplement Time Limits/Maintenance Checks, G168072, Rev N/C, dated August 8, 2011 or later Transport Canada approved revisions.
4. Compatibility of this design change with previously approved modifications must be determined by the installer.
5. If the holder agrees to permit another person to use this certification to alter the product, the holder shall give the other person written evidence of that permission.

*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

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