

Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number ST02439LA

This certificate, issued to

**Quiet Wing Aerospace LLC
12324 134th CT NE
Redmond, WA 98052**

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Parts 25 and 26 of the Federal Aviation Regulations.

Original Product—Type Certificate Number: A21EA
Make: BOMBARDIER
Model: CL-600-2B19 (Regional Jet Series 100 & 440)

Description of the Type Design Change: Installation of a Flammability Reduction System on airplanes with previously accomplished Flying Colours Corp., STC ST02693NY, in accordance with Master Drawing List (MDL) QCL-21-0001, Revision B, dated December 4, 2012, or later Federal Aviation Administration (FAA) approved revision. Maintained and operated in accordance with the Quiet Wing Aerospace Document "Maintenance Manual Supplement and Instructions for Continued Airworthiness and Airworthiness Limitation Manual," Number QCL-21-004, Revision B, dated December 4, 2012, or later FAA-approved revision.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft of this model series unless the installer determines that the relationship between this change and any other previously incorporated approved modifications will introduce no adverse effect upon the airworthiness of that aircraft.

(See Continuation Sheet Page 3 of 3 Pages)

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 9, 2011 *Date reissued:* February 6, 2013, April 24, 2015
Date of issuance: December 18, 2012 *Date amended:*



By direction of the Administrator

(Signature)

Manager, Seattle 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.

This certificate may be transferred in accordance with FAR 21.47.

Supplemental Type Certificate

(Continuation Sheet)

Number **ST02439LA**

Quiet Wing Aerospace LLC

Issued: December 18, 2012

Reissued: February 6, 2013, April 24, 2015

Amended:

Limitations and Conditions continued:

All Description of Type Design Change and Maintenance Instructions of Supplemental Type Certificate (STC) ST02693NY as stated in STC revision date February 3, 2011, including compliance with Title 14 Code of Federal Regulations (CFR) section (§) 25.981 (a) and (b), Fuel Tank Ignition Prevention at Amendment 25-102, remains unchanged and in effect with the installation of ST02439LA.

A copy of this certificate and the MDL must be maintained as part of the permanent records of the modified aircraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

Certification Basis:

1. The Certification basis of ST02439LA is 14 CFR § 25.981 Amendment 25-125, § 26.33 and § 26.35 Amendment 26-3.
2. The certification basis for ST02693NY as stated in STC revision dated February 3, 2011 remains unchanged and in effect with the installation of ST02439LA.
3. The FAA has found ST02693NY compliant with 14 CFR § 25.981 at Amendment 25-125 according to 14 CFR § 26.35(d)(2) and (e)(2) when ST02439LA is installed.
4. 14 CFR § 25.981 (c) Amendment 25-125 is not applicable because Ignition Mitigation Means (IMM) is not installed.
5. All Limitations and Conditions for ST02693NY as stated in STC revision dated February 3, 2011, remains unchanged and in effect, except Limitation and Condition 8 is removed when ST02439LA is installed.

- END -

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

This certificate may be transferred in accordance with FAR 21.47.