

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

*Number* ST01198WI

*This certificate issued to*

Kohlman Systems Research, Inc.  
319 Perry Street  
Lawrence, KS 66044

*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-600-1A11

*Description of Type Design Change:* Reduced

Vertical Separation Minimum (RVSM) group airworthiness approval of Bombardier Model CL-600-1A11 Challenger Aircraft in accordance with "Reduced Vertical Separation Minimum (RVSM) Group Compliance of the Bombardier Model CL-600-1A11 Aircraft", Kohlman Systems Research Report No. R03-680, Rev. "--", dated June 30, 2003, or later FAA Approved revision.

*Limitations and Conditions:*

1. Incorporation of U.S. STC ST00977WI is a pre-requisite for this STC, and must include IS&S configuration modules 9B-03508-74 or 9B-06017-45 mod A (Pilot), and 9B-03508-75 or 9B-06017-46 mod A (Copilot).
2. Instructions for Initial and Continued Airworthiness for Bombardier Model CL-600-1A11 Aircraft Qualified for Operations in Reduced Vertical Separation Minimum (RVSM) Airspace, Kohlman Systems Research Report No. R02-432, Rev. "A", dated September 18, 2003, (or later FAA Approved revision) is a required part of this STC.

**(See continuation sheet 2 of 2, for Additional Limitations and Conditions)**

*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:* October 18, 2001

*Date reissued:*

*Date of issuance:* October 3, 2003

*Date amended:* November 25, 2009



*By direction of the Administrator*

(Signature)

Harvey E. Nero  
FAA Program Manager  
Wichita 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.

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**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* ST01198WI

Date of Issuance: October 3, 2003

Date Amended: November 25, 2009

**Limitations and Conditions:** (Continuation)

3. FAA Approved Airplane Flight Manual Supplement for Bombardier Challenger 600-1A11 Aircraft Equipped with Reduced Vertical Separation Minimum (RVSM) Capability, Kohlman Systems Research Document No. R02-434, Rev. "--", dated October 3, 2003, (or later FAA Approved revision) is required to be on board during operation of the aircraft in RVSM airspace.
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 certificate, the holder shall give the other person written evidence of the permission.
6. A copy of this certificate must be maintained as part of the permanent records of the aircraft.