

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

Number ST01121WI

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 : Canadair, Bombardier Inc.
Model : CL-600-1A11; Serial No. 1079

Description of Type Design Change : Reduced Vertical Separation Minimum (RVSM) non-group (individual) airworthiness approval of a Bombardier Challenger CL-600-1A11 aircraft in accordance with Kohlman Systems Research Document No. R02-497, Rev. "-", dated September 16, 2002.

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 (Pilot) and 9B-03508-75 (Copilot).
2. Instructions for Initial and Continued Airworthiness for Bombardier Model CL600-1A11 "Challenger" Aircraft Qualified for Operations in RVSM Airspace, Kohlman Systems Research Document No. R02-436, Rev. "B", dated December 03, 2002, (or later FAA Approved revision) is a required part of this STC.
3. FAA Approved Airplane Flight Manual Supplement for Bombardier Challenger 600-1A11 Aircraft Equipped with RVSM Capability, Kohlman Systems Research Document No. R02-435, Rev. "-", dated December 12, 2002, (or later FAA Approved revision) is required to be on board during operation of the aircraft in RVSM airspace.
(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 : August 21, 2002

Date reissued :

Date of issuance : December 12, 2002

Date amended :



By direction of the Administrator

Harvey E. Nero
(Signature)

Harvey E. Nero
FAA Program Manager
Wichita Aircraft Certification Office

(Title)

Supplemental Type Certificate
(Continuation Sheet)

Number ST01121WI

Date of Issuance: December 12, 2002

Limitations and Conditions: (Continuation)

4. This approval is limited to the Bombardier Challenger CL-600-1A11; Serial No. 1079, only.
Descriptive data pertaining to this design change are considered inadequate for duplication on other products.
5. Compatibility of this design change with previously approved modifications must be determined by the installer.
6. If the holder agrees to permit another person to use this certificate, the holder shall give the other person written evidence of the permission.
7. A copy of this certificate must be maintained as part of the permanent records of the aircraft.