

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

Number ST01425LA

This Certificate issued to **Aerodata Systems LLC**
100 North Broadway, Suite 500
Wichita, Kansas 67202

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 Part 25* of the Federal Aviation Regulations. *Certification basis is set forth in Type Certificate Data Sheet.

Original Product Type Certificate Number T00003NY
:
Make : BOMBARDIER, INC.
Model : Global Express BD-700-1A10, Serial No. 9082

Description of Type Design Change: Installation of Automatic Flight Inspection System (AFIS) and Honeywell Primus 2000XP Integrated Avionics Computer (IAC) in accordance with the FAA Approved Master Data List, Document No. MDL-A/C-056 Revision "3", dated January 8, 2003, or later FAA approved revisions. FAA Approved Airplane Flight Manual Supplement, Document No. FMS-055 Revision "Original" dated January 8, 2003, or later FAA approved revisions, is required as part of this installation.

- Limitations and Conditions:**
- 1) Descriptive data pertaining to this design change are considered inadequate for duplication in other products. This approval is limited to the installation made in the Bombardier Global Express BD-700-1A10 model, Serial No. 9082 only. This STC does not permit manufacturing of parts for multiple installations.
 - 2) The AFIS installed on this airplane is approved on a non-interference basis and has not been certified for operational use. The AFIS performance and its intended functions require additional approval and must be evaluated to assure satisfactory compliance with the applicable regulations.
 - 3) The maximum number of passengers allowed is eleven (11) based on the number of seats approved for Taxi, Takeoff, and Landing.
 - 4) This modification has been determined to be a no acoustic change per 14 CFR 21.93(b) with a reduced maximum gross landing weight of 75,500 lbs.

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 28, 2002

Date reissued : Mar. 13, 2003; Jan 12, 2004

Date of issuance : January 17, 2003

Date amended :

By direction of the Administrator



(Signature)

Manager, Technical & Administrative Support
Staff, Los Angeles 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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(Continuation Sheet)

NOTE:

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**THIS PAGE IS FOR PAGE NUMBERING PURPOSES,
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(Continuation Sheet)

Number (STC No.)

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