

Supplemental Type Certificate

Number ST01732LA-D

This Certificate issued to Learjet Inc.
1255 E. Aero Park Blvd.
Tucson, Arizona 85706

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.

*(For Certification Basis, reference T.C.D.S. and Continuation Sheet)

Original Product Type Certificate Number: T00005NY
Make: Bombardier, Inc.
Model: BD-100-1A10

Description of Type Design Change: Installation of a Rockwell Collins Integrated Flight Information System (IFIS-5000), in accordance with Master Drawing List BAS68010011, Revision "E" dated November 28, 2006 or later FAA Approved revision. FAA Approved Flight Manual Supplement BAS68040003, Revision NC dated November 28, 2006 is required for the -1 and the -2 Configurations.

Limitations and Conditions: This STC should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft. The approval of this modification applies to the above noted airplane model series only. A copy of this STC must be included in 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. Modification of an aircraft by this Supplemental Type Certificate obligates the aircraft operator to include the maintenance information provided by Document Number BAS68010011-IFCA-1 (-1 Configuration) and BAS68010011-IFCA-2 (-2 Configuration) in the operator's Aircraft Maintenance Manual and the operator's Aircraft Scheduled Maintenance Program.

---SEE CONTINUATION SHEET---

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, 2006

Date reissued: February 21, 2007

Date of issuance: November 28, 2006

Date amended:



By direction of the Administrator

(Signature)

DAWN M. WINGFIELD

DAS-605786-NM DAS ADMINISTRATOR

(Title)

Supplemental Type Certificate

(Continuation Sheet)

Number ST01732LA-D

The following Rockwell Collins Service Bulletins are a prerequisite / concurrent requirement to the -1 and the -2 installations:

▶ SB-506 (AFD-52XX-31-506) – Indicating/Recording System AFD-5220 Adaptive Flight Display (CPN 822-1577-012/303)

▶ SB-507 (IOC-X100-31-507) – Indicating/Recording System IOC-3100 Input/Output Concentrator (CPN 822-1361-303/610)

IAPS Card Cage (ICC), P/N 822-1459-003, is a prerequisite / concurrent requirement to the -1 and the -2 installations.

Two Field Loadable Software Updates are a prerequisite / concurrent requirement to the -1 and the -2 installations, in accordance with the following Rockwell Collins Service Information Letters:

▶ 523-0806716-D01000 (MDT-3110-1-04) – MDT-3110 Maintenance Diagnostic Tables Field Loadable Software Installation

▶ 523-0806505-501000 (IFIS-5000 SIL 1-03) – IFIS-5000 Integrated Flight Information System Field Loadable Software Installation

The following Bombardier Service Bulletin is a prerequisite / concurrent requirement to the -1 and the -2 installations:

▶ 100-34-18 - Modification – Avionics V6.0 Upgrade

-----**END**-----