



Supplemental Type Certificate

Number ST00203BO

This certificate issued to:

Learjet Incorporated
85-173 Bradley International Airport
Windsor Locks, CT 06096

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.

Original Product - Type Certificate Number: T00003NY

Make: Bombardier, Inc.

Model: BD-700-1A10, BD-700-1A11

Description of Type Design Change:

Installation of Honeywell MK V EGPWS Software Upgrade and/or optional Runway Awareness and Advisory System (RAAS) in accordance with Bombardier Aerospace Business Aviation Services Master Document List (MDL) BAS67017015, Revision G, dated May 9, 2016, or later FAA approved revision.

Limitations and Conditions:

1. Each approved configuration listed in the MDL is contingent on a previously approved installation of a Honeywell MK V EGPWS with software version and installation requirements as specified in the notes on the MDL.

(continued on Page 3 of 4)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application: April 28, 2004

Date reissued:

Date of Issuance: August 10, 2004

Date amended: May 13, 2005; May 9, 2007;
June 20, 2016

By direction of the Administrator

Signature _____
Raymond Reinhardt

Acting Manager, Boston 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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



United States of America
Department of Transportation
Federal Aviation Administration

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INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this Supplemental Type Certificate. The FAA will reissue the certificate in the name of the transferee and forward it to him.

TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number: _____

To (Name and address of transferee)

Name:

Address (Number and Street, City, State, and ZIP Code):

From (Name and address of grantor)

Name:

Address (Number and Street, City, State, and ZIP Code):

Extent of Authority (if licensing agreement):

Date of Transfer: _____

Signature of grantor: _____

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United States of America
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Federal Aviation Administration

Supplemental Type Certificate

Number ST00203BO

June 20, 2016

Limitations and Conditions: (continued from Page 1 of 4)

2. Operation must be in accordance with Bombardier Aircraft Flight Manual Supplement (AFMS), appropriate to the configuration as indicated below, and must be carried in the aircraft during all flights. An AFMS is not needed for configurations not listed.
 - a. Document BAS67047012, at Revision B only, for the -2 configuration.
 - b. Document BAS67047012, Revision C, or later FAA approved revision for configurations -7 and -8.
3. Maintenance must be in accordance with Bombardier Instructions for Continued Airworthiness (ICA), appropriate to the configuration as indicated below, and must be made available to the operator at the time of the installation. An ICA is not needed for configurations not listed.
 - a. Document BAS67017015-IFCA-2, Revision NC, dated 2/1/07, or later FAA accepted revision for configuration -2.
 - b. Document BAS67017015-IFCA-4, Revision C, dated 4/25/16, or later FAA accepted revision for configuration -4.
 - c. Document BAS67017015-ICA-5, Revision A, dated 4/25/16, or later FAA accepted revision for configuration -5.
 - d. Document BAS67017015-ICA-6, Revision B, dated 4/25/16, or later FAA accepted revision for configuration -6.
 - e. Document BAS67017015-ICA-7, Revision B, dated 4/25/16, or later FAA accepted revision for configuration -7.
 - f. Document BAS67017015-ICA-8, Revision B, dated 4/25/16, or later FAA accepted revision for configuration -8.
4. Compatibility of this design with previously approved modifications must be determined by the installer.

Certification Basis:

Based on 14 CFR § 21.115 and § 21.101, and the FAA policy for design changes that are identified as not significant in FAA Order 8110.48, the certification basis for the Bombardier, Inc. BD-700-1A10, BD-700-1A11 aircraft is as follows:

(continued on Page 4 of 4)

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June 20, 2016

Certification Basis: (continued from Page 3 of 4)

- a. The type certification basis for parts **not changed or not affected** by the change is shown on TCDS T00003NY.
- b. The modification certification basis for parts **changed or affected** by the change since the amendment application date, September 12, 2011, is based upon part 25 as amended by Amendment 25-134 as follows:

Regulations at the latest amendment 25-0 through 25-134

None

Regulations at an intermediate amendment

None

Regulations at the amendment level in TCDS T00003NY

25.1, 25.1301, 25.1309(a), 25.1322(b)(c)(d), 25.1353(a)(d)(2), 25.1381(a)(1), 25.1431(a)(c), 25.1529, 25.1581(a)(2)(b)(d)

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