

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

Number ST00288BO

This Certificate issued to Learjet Incorporated
85-173 Bradley International Airport
Windsor Locks, Connecticut 06096

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: T00005NY
Make: Bombardier
Model: BD-100-1A10

Description of Type Design Change:

Installation of Honeywell EGPWS with Windshear and Terrain Display (Master Document List -1 configuration); and/or optional Runway Awareness and Advisory System (RAAS) (Master Document List -2 configuration); or Runway Awareness and Advisory System (RAAS) Inhibit (Master Document List -3 configuration) in accordance with Bombardier Aerospace Business Aviation Services Master Document List, document number BAS68017001, Revision NC, dated September 2, 2009 or later FAA approved revisions.

Limitations and Conditions:

1. Instructions for Continued Airworthiness (ICA) Bombardier Aerospace Document BAS68017001-ICA-1, Revision NC, dated 01/21/09, or later FAA accepted revision must be made available to the operator at the time of installation for Master Document List -1 configuration, EGPWS with Windshear and Terrain Display.

... See continuation sheet 3 ...

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.

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: November 26, 2008

Date reissued:

Date of issuance: September 3, 2009

Date amended:



By direction of the Administrator

(Signature)

Robert G. Mann
Manager, Boston Aircraft Certification Office

(Title)

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)
Number ST00288BO

Limitations and Conditions (Cont'd):

2. Bombardier Aerospace Business Aviation Services Aircraft Flight Manual Supplement for Bombardier Aerospace Model BD-100-1A10, document number BAS68047000, Rev NC, FAA approved September 3, 2009 or later FAA approved revision is required for the -2 configuration of the Master Document List – Runway Awareness and Advisory System (RAAS).
3. The approval for the Master Document List -2 configuration, Runway Awareness Advisory System (RAAS), is contingent on the aircraft being equipped with a previously approved installation of a MK V Honeywell EGPWS with Version -226-226 Software or later FAA approved version.
4. Instructions for Continued Airworthiness (ICA) Bombardier Aerospace Document BAS68017001-ICA-2, Revision NC, dated 01/21/09, or later FAA accepted revision must be made available to the operator at the time of installation for Master Document List –2 configuration, Runway Awareness & Advisory System (RAAS).
5. The approval for the Master Document List -3 configuration, Runway Awareness Advisory System (RAAS) Inhibit, is contingent on the aircraft being equipped with a previously approved installation of a MK V Honeywell EGPWS with Version -226-226 Software or later FAA approved version and a previously approved installation of the Runway Awareness Advisory System (RAAS).
6. Instructions for Continued Airworthiness (ICA) Bombardier Aerospace Document BAS68017001-ICA-3, Revision NC, dated 01/21/09, or later FAA accepted revision must be made available to the operator at the time of installation for Master Document List –3 configuration, Runway Awareness & Advisory System (RAAS) Inhibit
7. This approval should not be incorporated in any aircraft of this specific model on which other previously approved modifications are incorporated, unless it is determined that the interrelationship between this change and any of those previously incorporated approved modifications will not introduce any adverse effect upon the airworthiness of the aircraft.

Certification Basis

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for non-significant changes in FAA Order 8110.48, the certification basis for the installation of an Honeywell MK V EGPWS with Optional RAAS and RAAS Inhibit in the Bombardier BD-100-1A10 aircraft is the Type Certification Basis shown on the TCDS T00005NY, Revision 6.

....END....