

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number **ST01598LA-D**

This Certificate issued to

Learjet Inc.
1255 East Aero Park Blvd.
Tucson, Arizona 85706

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified herein meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.
(Certification Basis of this STC is defined on T.C.D.S. A10CE)

Original Product Type Certificate Number: A10CE
Make: Learjet
Model: 35A (C-21A)

Description of Type Design Change:

Installation of a Raytheon Model Number RT-1717 / APX-100B(V) or APX-119 Transponder with enhanced surveillance functions, for use with Collins TCAS-94 (TCAS II), Change 7, in accordance with FAA approved Master Document List BAS35010065, Revision M, dated October 21, 2009, or later FAA-approved revision.

(Description of Type Design Change continued on page 2 of 2)

Limitations and Conditions:

1. This approval should not be extended to aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the interrelationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft.
 2. 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.
 3. A copy of this certificate must be maintained as part of the permanent record for the modified aircraft.
- (Limitations and Conditions continued on page 2 of 2)

This certificate and the supporting data which are 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: January 12, 2004

Date issued: November 15, 2005; June 17, 2008

Date of issuance: May 21, 2004

Date amended: December 15, 2005; December 17, 2009



By direction of the Administrator

Alan D. Stone
(Signature)

Manager, Systems & Equipment Branch
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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Number **ST01598LA-D**

Date of Issuance: May 21, 2004
Date Reissued: November 15, 2005
Date Amended: December 15, 2005
Date Reissued: June 17, 2008
Date Amended: December 17, 2009

Limitations and Conditions:

4. Installation of Collins TCAS II, Change 7 with RT-1717/APX-100B(V) transponder in accordance with STC SA8111NM-D, MDL BAS35010038-2, is a pre-requisite or concurrent requirement for the -1 configuration of this STC.
5. Installation of Collins TCAS-94 (TCAS II), Change 7.0 as installed by STC SA8111NM-D or the installation of the APX-100B(V) Change 7 Transponder as installed by STC ST01598LA-D, MDL BAS35010065-1, is a pre-requisite or concurrent requirement for the -2 configuration of this STC.

Description of Type Design Change:

The following document is required for MDL BAS35010065-1 configuration of this STC:
FAA approved Airplane Flight Manual Supplement, BAS35040125 revision NC, dated April 19, 2004, or later FAA approved revision, and FAA accepted Instructions for Continued Airworthiness, BAS35010065-IFCA-1, revision (F1), dated March 20, 2004, or later FAA accepted revision.

The following document is required for MDL BAS35010065-2 configuration of this STC:
FAA approved Airplane Flight Manual Supplement, BAS35040136 revision NC, dated December 15, 2005, or later FAA approved revision, and FAA accepted Instructions for Continued Airworthiness, BAS35010065-IFCA-2, revision (NC), dated October 13, 2005, or later FAA accepted revision.

The following document is required for MDL BAS35010065-3 configuration with enhanced surveillance functions of this STC: FAA-Approved Airplane Flight Manual Supplement BAS35040147, Revision NC, dated December 17, 2009, or later FAA-approved revision; and Instructions for Continued Airworthiness BAS35010065-IFCA-3, Revision A, dated September 16, 2009, or later FAA-accepted revision.

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Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.