

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

*Number* **ST01308WI**

*This certificate issued to:*

L-3 Communications Avionics Systems, Inc.  
5353 – 52<sup>nd</sup> Street SE  
Grand Rapids, Michigan 49512

*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:*

A10CE

*Make:*

Learjet Inc.

*Model:*

24, 25, 28, 29 Series

*Description of Type Design Change:*

Installation of L-3 Communications Avionics Systems, Inc. (Landmark) Terrain Awareness Warning System (TAWS) model TAWS8100. Data required: (1) Avcon Drawing List 1080, Revision J, dated 3/3/2005; and (2) FAA Approved Flight Manual Supplement, Document No. AI204049 FAA Approved Flight Manual Supplement for L-3 Terrain Awareness Warning Systems 8100 installed in Learjet Models 25D, 25F, 28 and 29 Revision -, dated 2/15/2005; and (3) FAA Approved Flight Manual Supplement, Document No. AI204049-01 FAA Approved Flight Manual Supplement for L-3 Terrain Awareness Warning Systems 8100 installed in Learjet Model 20 Series except 25D, 25F, 28 and 29 Revision -, dated 2/15/2005; or later FAA approved revision to (1), (2) or (3).

*Limitations and Conditions:*

Compatibility of this design change with previously approved modifications must be determined by the installer.

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.

(See continuation sheet 3 of 3)

*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:* October 26, 2004

*Date reissued:* August 3, 2005

*Date of issuance:* February 15, 2005

*Date amended:*



*By direction of the Administrator*

Original signed by Grant Youngdahl

(Signature)

Grant Youngdahl  
FAA Program Manager  
Wichita Aircraft Certification Office

(Title)

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

*Number* **ST01308WI**

Date of Issuance: February 15, 2005

Date Reissued: August 3, 2005

\* Certification Basis: With respect to the modifications of this STC, the applicant has complied with the following Sections of the Federal Aviation Regulations, 14 CFR Part 25, effective February 1, 1965, as amended by the Amendments stated as follows:

14 CFR Part 25	Amendment	14 CFR Part 25	Amendment
§ 23.301 (a),(b),(c)	25-23	§25.1351 (a)1,(b5)	25-72
§25.303	25-23	§25.1353 (a)(b)	25-113
§25.305 (a),(b),(c)	25-86	§ 25.1357 (a),(c)	-
§ 25.307 (a)	25-72	§25.1381 (a)(b)	25-72
§ 25.365 (d)	25-87	§25.1431 (c)	-
§ 25.571 (a),(b)	25-96	25.1501 (b)	25-43
§ 25.601	-	§25.1529	25-54
§ 25.603 (a),(b),(c)	23-46	§ 25.1555 (a)	-
§ 25.605 (a)	25-46	§25.1581 (a),(b)	25-72
§ 25.609 (a),(b)	-	§25.1585 (a)	25-105
§ 25.613 (a)(b)(c)(d)(e)	25-112		
§ 25.625 (a)(b)(c)	25-72		
§ 25.789 (a)	25-46		
§ 25.1301 (a),(b),(c),(d)	-		
§25.1309 (a)(b),(c),(g)	25-41		
§25.1321(a)	25-41		
§25.1322 (a),(b),(c),(d)	25-38		
§25.1333 (c)	25-41		

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