

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

*Number* ST02710CH

*This certificate issued to* West Star Aviation, Inc  
18 Terminal Drive  
East Alton, IL 62024-2254

*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.* (See Page 3 for complete certification basis)

*Original Product -- Type Certificate Number :* A10CE  
*Make :* Learjet  
*Model :* 60

*Description of Type Design Change:*

Installation of an L-3 Communications Avionics Systems GH-3100 Electronic Standby Instrument System (ESIS) in accordance with West Star Aviation Master Data List, Document 67-377L001, Revision C, dated October 16, 2009, or later FAA approved revision.

*Limitations and Conditions:*

1. This design change is valid only for Learjet 60 aircraft, serial numbers 002 through 0248.
2. The installer must determine whether this design change is compatible with previously approved modifications.
3. FAA Approved Flight Manual Supplement, West Star Aviation, Document No. 67-377B001, Revision I/R, approved April 2, 2009 or later FAA approved revision is a required part of this STC for configuration -01 (without magnetic heading input).
4. FAA Approved Flight Manual Supplement, West Star Aviation, Document No. 67-377B003, Revision I/R, approved October 23, 2009 or later FAA approved revision is a required part of this STC for configuration -02 (with magnetic heading input).
5. If the holder agrees to permit another person to use this certificate to alter the product, the holder must 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 :* January 28, 2009

*Date reissued :*

*Date of issuance :* April 3, 2009

*Date amended :* October 28, 2009



*By direction of the Administrator*

(Signature)

Steven L. Lardinois, Manager  
Systems and Flight Test Branch  
Chicago Aircraft Certification Office

(Title)

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

*Number* ST02710CH

Date Amended: October 28, 2009

**Certification Basis (continued)**

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Learjet 60 series aircraft with the installation of an L-3 Communications Avionics Systems Electronic Standby Instrument System is as follows:

- a. The type certification basis for 60 series airplanes is shown on TCDS A10CE for parts not changed or not affected by this change.
- b. The certification basis for parts changed or affected by this change since the reference date of application, January 28, 2009, is based upon part 25 as amended by Amendment 25-119. Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

**Applicable Regulations at the latest amendment 25-0 through 25-119**

25.29; 25.301(a)(b); 25.303; 25.305(a), (b); 25.307(a); 25.341(a); 25.561(c), (d); 25.601; 25.603(a), (b), (c); 25.605(a), (b); 25.607(a), (b), (c); 25.609(a), (b); 25.611; 25.613(a), (b), (c), (e), (f); 25.619(a), (b), (c); 25.625(a); 25.869(a4); 25.981(a); 25.1301(a), (b), (c), (d); 25.1307(c); 25.1309(a), (b), (c), (d), (e), (f), (g); 25.1322(a), (b), (c), (d); 25.1323(a); 25.1327(a), (b); 25.1331(a), (b); 25.1333(b), (c); 25.1351(a); 25.1353(a), (b), (d); 25.1357(a), (c); 25.1381(a), (b); 25.1431(a), (b), (c), (d); 25.1501(a), (b); 25.1529; 25.1581(a), (b), (d); 25.1583(h); 25.1585(a), (b).

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