

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

*Number* ST02693CH

*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:* A22CE  
*Make:* Cessna Aircraft Company  
*Model:* 560, 560XL

*Description of Type Design Change:*

Installation of a single Universal Avionics Systems Corporation UNS-1Lw or UNS-1Espw Flight Management System with an LP/LPV Monitor or Dual Universal Avionics Systems Corporation UNS-1Espw Flight Management Systems in accordance with West Star Aviation, Inc. Master Data List, Document 74-318L001, Rev. F, dated March 18, 2010, or later FAA approved revision.

*Limitations and Conditions:*

1. This design change is valid only for serial numbers 560-0001 through 560-0750 and 560-5001 through 560-6000.
2. The installer must determine whether this design change is compatible with previously approved modifications.
3. FAA Approved Flight Manual Supplements, West Star Aviation, Document No. 74-318B008, Revision B, approved March 26, 2010 or later FAA approved revision, and West Star Aviation, Document No. 74-318B010, Revision A, approved March 29, 2010 or later FAA approved revision and West Star Aviation, Document No. 74-318B023, Revision I/R, approved March 29, 2010, are required parts of this STC.
4. The aircraft must be maintained in accordance with Airworthiness Limitations contained in West Star Aviation Document No. 74-318B007, Revision B, Chapter 10, approved March 08, 2010, or later FAA approved revision, in addition to the basic aircraft maintenance manuals.
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:* July 15, 2008

*Date reissued:*

*Date of issuance:* March 25, 2009

*Date Amended:* October 16, 2009; March 29, 2010



*By direction of the Administrator*

(Signature)

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

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

*Number* ST02693CH

Date Amended: October 16, 2009; March 29, 2010

**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 560 and 560XL series aircraft with the installation of a Universal Avionics Systems Corporation UNS-1Lw or UNS-1Espw Flight Management System and LP/LPV Monitor is as follows:

- a. The type certification basis for 560 and 560XL series airplanes is shown on TCDS A22CE 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, July 15, 2008, 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**

25.301(a); 25.303; 25.305(a), (b); 25.307(a); 25.341(a); 25.365(a), (b), (c), (d); 25.561(c), (d); 25.571(a), (b); 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); 25.777(a), (c); 25.869(a4); 25.981(a); 25.1301(a), (b), (c), (d); 25.1307(c); 25.1309(a), (b), (c), (d), (e), (f), (g); 25.1316(a), (b), (c); 25.1322(a), (b), (c), (d); 25.1333(a), (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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