

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

Number ST02687CH

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

Model: 550

Description of Type Design Change:

Installation of a Universal Avionics Systems Corporation UNS-1Lw Flight Management System and LP/LPV Monitor in accordance with West Star Aviation, Inc. Master Data List, Document 72-318L001, Revision A, dated February 17, 2009, or later FAA approved revision.

Limitations and Conditions:

1. This design change is valid only for Cessna 550 aircraft, serial numbers 550-0801 and on.
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. 72-318B006, Revision I/R, approved March 25, 2009 or later FAA approved revision is a required part of this STC.
4. The aircraft must be maintained in accordance with Airworthiness Limitations contained in West Star Aviation Document No. 72-318B005, Revision I/R, Chapter 10, approved September 8, 2008, 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:



By direction of the Administrator

(Signature)

Charles L. Smalley, 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 ST02687CH

Date of Issuance: March 25, 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 550 series aircraft with the installation of a Universal Avionics Systems Corporation UNS-1Lw Flight Management System and LP/LPV Monitor is as follows:

- a. The type certification basis for 550 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); 25.869(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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