



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

Number **ST00116MC**

This Certificate issued to L-3 Communications Integrated Systems, L.P.  
7500 Maehr Rd, PO Box 154580  
Waco, Texas 76715-4580

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: A22CE

Make: Cessna

Model: 560

### Description of Type Design Change:

Installation of an Avionics Upgrade consisting of a Data-Link System, a High Frequency Radio System, and a Tactical Air Navigation System, in accordance with L-3 TCS Master Drawing List 8794-500-10702, Revision C, dated August 26, 2014, or later FAA approved revision.

### Limitations and Conditions:

This design change is valid only for Cessna 560 airplanes, serial number range 560-0260 through 560-0538 (Citation Ultra) and 560-0539 through 560-0750 (Citation Ultra Encore) as stated in the applicable AFMS.

(Limitations and Conditions continued on page 2 of 4)

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

Date of application: December 9, 2013

Date reissued:

Date of issuance: August 26, 2014

Date amended:

By direction of the Administrator

Signature \_\_\_\_\_

Phillip T. Crawford, P.E.

Title ODA-750154-SW Administrator

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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# Supplemental Type Certificate

(Continuation Sheet)

Number: **ST00116MC**  
Date of Issuance: **August 26, 2014**

*Limitations and Conditions: (Continued)*

The Data-Link, HF Radio, and/or TACAN may be installed individually or in any combination.

FAA Approved Airplane Flight Manual Supplements:

L-3 TCS Document No. 8794-500-10705, Revision B, approved August 26, 2014 (Data-Link),  
L-3 TCS Document No. 8794-500-10703, Revision B, approved August 26, 2014 (HF Radio),  
L-3 TCS Document No. 8794-500-10707, Revision C, approved August 26, 2014 (TACAN),  
or later FAA approved revisions are a required part of this STC when the applicable item is installed.

FAA Approved Instructions for Continued Airworthiness (ICA):

L-3 TCS Document No. 8794-500-10706, Revision B, dated August 26, 2014 (Data Link),  
L-3 TCS Document No. 8794-500-10704, Revision C, dated August 26, 2014 (HF Radio),  
L-3 TCS Document No. 8794-500-10708, Revision B, dated August 26, 2014 (TACAN),  
or later FAA accepted revisions are a required part of this STC when the applicable item is installed.

The installer must determine whether this design change is compatible with previously approved modifications. This STC is compatible with West Star Aviation, Inc. STC Number ST02568CH, issued May 23, 2008.

If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

*Certification Basis:*

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 series airplane is as follows:

- a. The type certification basis for 560 series airplanes is shown on TCDS A22CE for parts **not changed or not affected** by the change.
- b. The certification basis for parts **changed or affected** by the change since the reference date of application, December 9, 2013, is as shown in TCDS A22CE plus later amendment levels for the following paragraphs:

(Certification Basis continued on page 3 of 4)

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# Supplemental Type Certificate

(Continuation Sheet)

Number: **ST00116MC**  
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*Certification Basis: (Continued)*

**Regulations at the latest amendment 25-0 through 25-137**

25.301, 25.303, 25.305, 25.307, 25.341, 25.571, 25.581, 25.601, 25.603, 25.605, 25.607, 25.609, 25.613, 25.619, 25.625, 25.771, 25.773, 25.777, 25.789, 25.853, 25.1307, 25.1316, 25.1323, 25.1325, 25.1327, 25.1331, 25.1333, 25.1351, 25.1381, 25.1431, 25.1501, 25.1523, 25.1529, 25.1581, 25.1585, and 25.1587.

**Regulations at an intermediate amendment**

25.869 at Amdt. 25-113; 25.981 at Amdt. 25-102; and 25.1353 at Amdt. 25-113.

**Regulations at the amendment level in TCDS A22CE**

25.611, 25.1301, 25.1309, 25.1322, and 25.1357.

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**SUPPLEMENTAL TYPE CERTIFICATE, FAA FORM 8110-2  
(CONTINUED)**

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this Supplemental Type Certificate. The FAA will reissue the certificate in the name of the transferee and forward it to him.

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*TRANSFER ENDORSEMENT*

*Transfer the ownership of Supplemental Type Certificate Number:*

*To (Name of transferee)*

*(Address of transferee)*

*(Number and street)*

*(City, State, and ZIP Code)*

*From (Name of grantor)*

*(Address of grantor)*

*(Number and street)*

*(City, State, and ZIP Code)*

*Extent of Authority (if licensing agreement):*

*Date of Transfer:*

*Signature of grantor:*