

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

Number ST02559CH

This certificate issued to

Cessna Aircraft Company
Milwaukee Citation Service Center
210 E. Citation Way
Milwaukee, WI 53207

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 23 of the Federal Aviation Regulations. (See Page 3 for complete certification basis)

Original Product--Type Certificate Number:

A22CE

Make:

Cessna

Model:

550 (S/N 0627 to 0733); 560 (S/N 0001-0259)

Description of Type Design Change:

Installation of Universal Avionics UNS-1F Flight Management System in accordance with Cessna Master Document List CF90090, Rev. F, dated April 17, 2008, or later FAA approved revision.

Limitations and Conditions:

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. FAA Approved Airplane Flight Manual Supplement, Cessna Supplement FM90873 (original issue), approved April 24, 2008, or later FAA approved revision is a required part of this STC.
3. The aircraft must be maintained in accordance with the Airworthiness Limitations contained in Cessna Document CMR-560-312, Revision D, approved April 25, 2008 or later FAA approved revision, in addition to the basic aircraft maintenance manuals.
4. 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.

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: June 5, 2007

Date reissued:

Date of issuance: April 25, 2008

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 ST02559CH

Date of Issuance: April 25, 2008

Certification Basis (continued)

Based on 14 CFR §§ 21.101 and 21.115, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Cessna 550 and 560 model aircraft with the installation of the Universal Avionics UNS-1L Flight Management System is as follows:

- a. The type certification basis for Cessna 550, and 560 model 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, June 05, 2007, is based upon part 25 as amended by Amendment 25-120. Based on 14 CFR §§ 21.101 and 21.115, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the latest amendment 25-0 through 25-120

25.1; 25.23; 25.29; 25.301(a); 25.303; 25.305(a), (b); 25.307(a); 25.341(a); 25.365(a)-(d); 25.561; 25.571(a), (b); 25.581; 25.601; 25.603; 25.605(a); 25.607; 25.609; 25.611; 25.613(a)-(c); 25.771(a), (c), (e); 25.1301(a)-(d); 25.1307(c), (d); 25.1309(a), (b); 25.1316(b), (c); 25.1321(d); 25.1322(a)-(d); 25.1329(f), (h); 25.1351(a)(1); 25.1353(a), (b), (d); 25.1357(a), (c); 25.1381; 25.1431(a), (c); 25.1529; 25.1581

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