

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

*Number* **ST02739NY**

*This certificate issued to* Cessna Aircraft Company, New York Citation Service Center  
Stewart International Airport, 3 Express Drive  
Newburgh, New York 12550

*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 Aircraft Company  
*Model:* 500, 550, S550, 560

*Description of Type Design Change:*

Installation of an Innovative Support and Solution (IS&S) Flat Panel Display System (FPDS), Honeywell Weather Radar and optional XM Weather Receiver in accordance with Installation Configuration Top Drawing CA00017, Revision -, Dated 1/5/2009 and Cessna Master Drawing List (MDL), Document No. CF90089, Revision E, Dated 9/22/2010.

*Limitations and Conditions:*

1. This installation is limited to Cessna Model 500, units 0275-0689; Cessna Model 550, Units 0001-0733; Cessna Model S550, Units 0001-0160 and Cessna Model 560, Units 0001-0259.
2. Cessna Aircraft Company Instructions for Continued Airworthiness, Doc. No. CMR-550-259, Revision E, dated 9/21/2010, is required for installations in Cessna Models 500 (Units 0275-0689), 550 (Units 0001-0626) and S550 (Units 0001-0160) aircraft.
3. Cessna Aircraft Company Instructions for Continued Airworthiness, Doc. No. CMR-560-298, Revision D, dated 9/21/2010, is required for installations in Cessna Models 550 (Units 0627-0733) and 560 (Units 0001-0259) aircraft.
4. Cessna Aircraft Company Airplane Flight Manual Supplement, FM90930 Revision A, FAA approved on April 6, 2011 is required for this installation.

(See Continuation Sheet 2 of 2)

*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:* August 24, 2007

*Date reissued:*

*Date of issuance:* October 14, 2009

*Date amended:* April 6, 2011

*By direction of the Administrator*



(Signature)

Anthony Socias  
Manager  
New York Aircraft Certification Office

(Title)

United States of America  
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 (Continuation Sheet)

*Number* **ST02739NY**

Date Amended: April 6, 2011

*Limitations and Conditions* (Continued):

5. Aircraft utilizing this STC must have a Cessna installed Angle Of Attack (AOA) system.
6. Aircraft utilizing this STC must have installed a Reduced Vertical Separation Minimum (RVSM) Air Data Computer (ADC) system installed in accordance with Cessna Service Bulletin or an FAA approved RVSM STC utilizing IS&S equipment defined in Section 4 of Cessna MDL (document CF90089).
7. A list of approved interfacing equipment is listed Section 4 of this MDL.
8. An N2 speed limitation placard must be installed above the MFD in accordance with Cessna drawing CI96274-1, Rev -, dated 10/8/2009.
9. The installer must determine whether this design change is compatible with previously approved modifications.
10. 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:*

The certification basis for the changed Cessna 500, 550, S550 and 560 series aircraft as described in this certificate is as follows:

- a. The type certification basis for the Cessna 500, 550, S550 and 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, August 24, 2007, is as shown on Type Certificate Data Sheet A22CE. In addition, the holder of this certificate has complied with 14 CFR Part 25 as amended by Amendment 25-122.

**The following lists the Federal Aviation Regulations complied with through Amendment Level 25-122**

25.21	25.29	25.301	25.303	25.305	25.307	25.321	25.331	25.365	25.561
25.571	25.581	25.601	25.603	25.605	25.607	25.609	25.611	25.613	25.619
25.625	25.771	25.777	25.789	25.869	25.899	25.901	25.903	25.954	25.959
25.981	25.1301	25.1303	25.1305	25.1307	25.1309	25.1316	25.1317	25.1321	23.1322
25.1323	25.1325	25.1331	25.1333	25.1335	25.1337	25.1351	25.1353	25.1355	25.1357
25.1360	25.1381	25.1431	25.1501	25.1519	25.1521	25.1529	25.1543	25.1549	25.1581
25.1583	25.1585								

**Equivalent level of safety findings have been made for the following regulation(s):  
 § 25.1549(a)(b)(c) (documented in TAD ELOS Memo # ST5826NY-T-P-1)**

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