

2007-23-13 Cessna Aircraft Company: Amendment 39-15259. Docket No. FAA-2007-0190; Directorate Identifier 2007-NM-234-AD.

Effective Date

(a) This AD becomes effective November 30, 2007.

Affected ADs

(b) None.

Applicability

(c) This AD applies to Cessna Model 560 airplanes, certificated in any category, serial numbers (S/Ns) 560-0001 through -0538 inclusive.

Unsafe Condition

(d) This AD results from an evaluation of in-service airplanes following an accident. The evaluation indicated that some airplanes may have an improperly adjusted stall warning system. We are issuing this AD to prevent an inadvertent stall due to the inadequate stall warning margin provided by an improperly adjusted stall warning system, which could result in loss of controllability of the airplane.

Compliance

(e) You are responsible for having the actions required by this AD performed within the compliance times specified, unless the actions have already been done.

Airplane Flight Manual (AFM) Revision

(f) Within 14 days after the effective date of this AD, revise the Operating Limitations, Normal Procedures, Emergency Procedures, and the Approach and Landing sections of the AFM to include the information in the temporary changes (TCs) identified in Table 1 of this AD, as applicable. These TCs provide limitations and procedures for operating in icing conditions, for operating with anti-ice systems selected "on" independent of icing conditions, and for recognizing and recovering from inadvertent stall. Operate the airplane according to the limitations and procedures in the applicable TCs.

Note 1: This may be done by inserting a copy of the applicable TCs into the applicable AFM. When these TCs have been included in the general revisions of the AFM, the general revisions may be inserted into the AFM, provided the relevant information in the general revision is identical to that in the applicable TCs.

Table 1.--Cessna Model 560 TCs

Airplanes	Applicable TC
Model 560 airplanes, S/Ns 560-0001 through -0259 inclusive	560FM TC-R13-08, dated August 31, 2007, to the Cessna Model 560 Citation V AFM.
	560FM TC-R13-09, dated August 31, 2007, to the Cessna Model 560 Citation V AFM.
	560FM TC-R13-10, dated August 31, 2007, to the Cessna Model 560 Citation V AFM.
	560FM TC-R13-12, dated August 31, 2007, to the Cessna Model 560 Citation V AFM.
	560FM TC-R13-13, dated August 31, 2007, to the Cessna Model 560 Citation V AFM.
	560FM TC-R13-14, dated October 2, 2007, to the Cessna Model 560 Citation V AFM.
	560FM TC-R13-15, dated October 2, 2007, to the Cessna Model 560 Citation V AFM.
	560FM TC-R13-16, dated October 2, 2007, to the Cessna Model 560 Citation V AFM.
	560FM TC-R13-17, dated October 2, 2007, to the Cessna Model 560 Citation V AFM.
	560FM TC-R13-18, dated October 2, 2007, to the Cessna Model 560 Citation V AFM.
	560FM TC-R13-19, dated October 2, 2007, to the Cessna Model 560 Citation V AFM.
	560FM TC-R13-20, dated October 2, 2007, to the Cessna Model 560 Citation V AFM.

Model 560 airplanes, S/Ns 560-0260 through -0538 inclusive	56FMA TC-R11-16, dated August 31, 2007, to the Cessna Model 560 Citation Ultra AFM.
	56FMA TC-R11-17, dated August 31, 2007, to the Cessna Model 560 Citation Ultra AFM.
	56FMA TC-R11-19, dated August 31, 2007, to the Cessna Model 560 Citation Ultra AFM.
	56FMA TC-R11-20, dated August 31, 2007, to the Cessna Model 560 Citation Ultra AFM.
	56FMA TC-R11-21, dated August 31, 2007, to the Cessna Model 560 Citation Ultra AFM.
	56FMA TC-R11-23, dated October 2, 2007, to the Cessna Model 560 Citation Ultra AFM.
	56FMA TC-R11-24, dated October 2, 2007, to the Cessna Model 560 Citation Ultra AFM.
	56FMA TC-R11-25, dated October 2, 2007, to the Cessna Model 560 Citation Ultra AFM.
	56FMA TC-R11-26, dated October 2, 2007, to the Cessna Model 560 Citation Ultra AFM.
	56FMA TC-R11-27, dated October 2, 2007, to the Cessna Model 560 Citation Ultra AFM.
	56FMA TC-R11-28, dated October 2, 2007, to the Cessna Model 560 Citation Ultra AFM.
	56FMA TC-R11-29, dated October 2, 2007, to the Cessna Model 560 Citation Ultra AFM.
	56FMA TC-R11-30, dated October 2, 2007, to the Cessna Model 560 Citation Ultra AFM.

Placard Installation

(g) Within 30 days after the effective date of this AD, install new minimum airspeed placards to notify the flightcrew of the proper airspeeds for operating in normal and icing conditions, in accordance with the Accomplishment Instructions of Cessna Service Bulletin SB560-34-143, dated September 7, 2007, including Attachment and Service Bulletin Supplemental Data. The placards must be installed above or near the pilot and copilot attitude indicators or primary flight displays and must be in clear view of the pilot and copilot. The placards may be removed when the actions specified in paragraphs (h) and (i) of this AD have been accomplished.

Optional Terminating Action

(h) Doing the functional test of the AOA system and adjusting the calibration settings of the AOA system as applicable, in accordance with Cessna Alert Service Letter ASL560-34-34 (for airplanes equipped with a single AOA system) or ASL560-34-35 (for airplanes equipped with a dual AOA system), both Revision 1, both dated October 2, 2007, both including Attachments, as applicable, and submitting the AOA system test data as specified in paragraph (i) of this AD, terminates the placard installation required by paragraph (g) of this AD.

Reporting AOA System Test Data

(i) Submit the AOA system test data report for the functional test specified in paragraph (h) of this AD to Glenn Todd, Citation Customer Support Engineer, Department 572, P.O. Box 7706, Wichita, KS 67277-7706, e-mail: gatodd@cessna.textron.com, fax: 1-316-517- 8500 or 1-316-206-2337, at the applicable time specified in paragraph (i)(1) or (i)(2) of this AD. The report must include the AOA test data, the airplane serial number and registration number, and the number of landings and flight hours on the airplane. Under the provisions of the Paperwork Reduction Act (44 U.S.C. 3501 et seq.), the Office of Management and Budget (OMB) has approved the information collection requirements contained in this AD and has assigned OMB Control Number 2120-0056.

(1) If the functional test was done after the effective date of this AD: Submit the report within 30 days after the functional test.

(2) If the inspection was accomplished prior to the effective date of this AD: Submit the report within 30 days after the effective date of this AD.

No Maintenance Transaction Report Required

(j) Although Cessna Service Bulletin SB560-34-143, dated September 7, 2007, including Attachment and Service Bulletin Supplemental Data, referred to in paragraph (g) of this AD; and Cessna Alert Service Letters ASL560-34-34 and ASL560-34-35, both Revision 1, both dated October 2, 2007, both including Attachments, referred to in paragraph (h) of this AD; specify to submit a maintenance transaction report to the manufacturer, this AD does not include that requirement.

Alternative Methods of Compliance (AMOCs)

(k)(1) The Manager, Wichita Aircraft Certification Office, FAA, has the authority to approve AMOCs for this AD, if requested in accordance with the procedures found in 14 CFR 39.19.

(2) To request a different method of compliance or a different compliance time for this AD, follow the procedures in 14 CFR 39.19. Before using any approved AMOC on any airplane to which the AMOC applies, notify your appropriate principal inspector (PI) in the FAA Flight Standards District Office (FSDO), or lacking a PI, your local FSDO.

Material Incorporated by Reference

(1) You must use the service information identified in Table 2 of this AD to perform the actions that are required by this AD, unless the AD specifies otherwise. If you accomplish the optional actions specified in this AD, you must use Cessna Alert Service Letter ASL560-34-34, Revision 1, dated October 2, 2007, including Attachments; or Cessna Alert Service Letter ASL560-34-35, Revision 1, dated October 2, 2007, including Attachments; as applicable; unless the AD specifies otherwise. The Director of the Federal Register approved the incorporation by reference of these documents in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Contact Cessna Aircraft Co., P.O. Box 7706, Wichita, Kansas 67277, for a copy of this service information. You may review copies at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, Washington; or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.

PREAMBLE

Table 2.--Material Incorporated by Reference

Service information	Date
Cessna Service Bulletin SB560-34-143, including Attachment and Service Bulletin Supplemental Data	September 7, 2007.
Cessna Temporary Change 56FMA TC-R11-16 to the Cessna Model 560 Citation Ultra Airplane Flight Manual	August 31, 2007.
Cessna Temporary Change 56FMA TC-R11-17 to the Cessna Model 560 Citation Ultra Airplane Flight Manual	August 31, 2007.
Cessna Temporary Change 56FMA TC-R11-19 to the Cessna Model 560 Citation Ultra Airplane Flight Manual	August 31, 2007.
Cessna Temporary Change 56FMA TC-R11-20 to the Cessna Model 560 Citation Ultra Airplane Flight Manual	August 31, 2007.
Cessna Temporary Change 56FMA TC-R11-21 to the Cessna Model 560 Citation Ultra Airplane Flight Manual	August 31, 2007.
Cessna Temporary Change 56FMA TC-R11-23 to the Cessna Model 560 Citation Ultra Airplane Flight Manual	October 2, 2007.
Cessna Temporary Change 56FMA TC-R11-24 to the Cessna Model 560 Citation Ultra Airplane Flight Manual	October 2, 2007.
Cessna Temporary Change 56FMA TC-R11-25 to the Cessna Model 560 Citation Ultra Airplane Flight Manual	October 2, 2007.
Cessna Temporary Change 56FMA TC-R11-26 to the Cessna Model 560 Citation Ultra Airplane Flight Manual	October 2, 2007.

Cessna Temporary Change 56FMA TC-R11-27 to the Cessna Model 560 Citation Ultra Airplane Flight Manual	October 2, 2007.
Cessna Temporary Change 56FMA TC-R11-28 to the Cessna Model 560 Citation Ultra Airplane Flight Manual	October 2, 2007.
Cessna Temporary Change 56FMA TC-R11-29 to the Cessna Model 560 Citation Ultra Airplane Flight Manual	October 2, 2007.
Cessna Temporary Change 56FMA TC-R11-30 to the Cessna Model 560 Citation Ultra Airplane Flight Manual	October 2, 2007.
Cessna Temporary Change 560FM TC-R13-08 to the Cessna Model 560 Citation V Airplane Flight Manual	August 31, 2007.
Cessna Temporary Change 560FM TC-R13-09 to the Cessna Model 560 Citation V Airplane Flight Manual	August 31, 2007.
Cessna Temporary Change 560FM TC-R13-10 to the Cessna Model 560 Citation V Airplane Flight Manual	August 31, 2007.
Cessna Temporary Change 560FM TC-R13-12 to the Cessna Model 560 Citation V Airplane Flight Manual	August 31, 2007.
Cessna Temporary Change 560FM TC-R13-13 to the Cessna Model 560 Citation V Airplane Flight Manual	August 31, 2007.
Cessna Temporary Change 560FM TC-R13-14 to the Cessna Model 560 Citation V Airplane Flight Manual	October 2, 2007.
Cessna Temporary Change 560FM TC-R13-15 to the Cessna Model 560 Citation V Airplane Flight Manual	October 2, 2007.
Cessna Temporary Change 560FM TC-R13-16 to the Cessna Model 560 Citation V Airplane Flight Manual	October 2, 2007.
Cessna Temporary Change 560FM TC-R13-17 to the Cessna Model 560 Citation V Airplane Flight Manual	October 2, 2007.
Cessna Temporary Change 560FM TC-R13-18 to the Cessna Model 560 Citation V Airplane Flight Manual	October 2, 2007.
Cessna Temporary Change 560FM TC-R13-19 to the Cessna Model 560 Citation V Airplane Flight Manual	October 2, 2007.
Cessna Temporary Change 560FM TC-R13-20 to the Cessna Model 560 Citation V Airplane Flight Manual	October 2, 2007.