

2010-12-01 Cessna Aircraft Company: Amendment 39-16321; Docket No. FAA-2010-0327; Directorate Identifier 2010-CE-012-AD.

Effective Date

(a) This AD becomes effective on July 22, 2010.

Affected ADs

(b) This AD supersedes AD 2009-24-13, Amendment 39-16105.

Applicability

(c) This AD applies to Model 525A airplanes, serial numbers 0001 through 0244, that are certificated in any category.

Subject

(d) Air Transport Association of America (ATA) Code 72: Engine.

Unsafe Condition

(e) This AD results from reports of fatigue cracks found in thrust attenuator paddles on Cessna Model 525A airplanes. We are issuing this AD to detect and correct loose and damaged fasteners and cracks in the thrust attenuator paddles, which could result in in-flight departure of the thrust attenuator paddles. This failure could lead to rudder and elevator damage and result in loss of control.

Compliance

(f) To address this problem, you must do the following, unless already done:

Actions	Compliance	Procedures
(1) Visually inspect the left and right thrust attenuator paddle assemblies to determine if there are any missing, loose, or damaged fasteners and to determine if there are any cracks in the paddle.	Within the next 60 days after December 15, 2009 (the effective date retained from AD 2009-24-13) or within the next 30 hours time-in-service (TIS) after December 15, 2009 (the effective date retained from AD 2009-24-13), whichever occurs first. Repetitively thereafter inspect at intervals not to exceed 150 hours TIS.	Follow Cessna Citation Alert Service Letter ASL525A-78-01, Revision 1, dated October 27, 2009.

<p>(2) If you do not find any cracks in the thrust attenuator paddles during any inspection required in paragraph (f)(1) of this AD, install any missing fasteners, and replace any loose or damaged fasteners.</p>	<p>Before further flight after the inspection required in paragraph (f)(1) of this AD. Continue with the repetitive inspections specified in paragraph (f)(1) of this AD.</p>	<p>Follow Cessna Citation Alert Service Letter ASL525A-78-01, Revision 1, dated October 27, 2009.</p>
<p>(3) If cracks are found during any inspection required in paragraph (f)(1) of this AD, do a urface eddy current inspection of the thrust attenuator paddles and the fastener hole(s)</p>	<p>Before further flight after the inspection required in paragraph (f)(1) of this AD in which cracks are found.</p>	<p>Follow Cessna Citation Alert Service Letter ASL525A-78-01, Revision 1, dated October 27, 2009.</p>
<p>(4) If the cracks identified in paragraph (f)(3) of this AD meet or exceed the limits specified in paragraph 3 of Cessna Citation Alert Service Letter ASL525A-78-01, Revision 1, dated October 27, 2009, replace the thrust attenuator paddle and attachment hardware, as applicable.</p>	<p>(i) If the conditions of paragraph 3.A.(1) of Cessna Citation Alert Service Letter ASL525A-78-01, Revision 1, dated October 27, 2009, are met, replace before further flight after the inspection required in paragraph (f)(3) of this AD. After the replacement, continue with the repetitive inspections specified in paragraph (f)(1) of this AD.</p>	<p>Follow Cessna Citation Alert Service Letter ASL525A-78-01, Revision 1, dated October 27, 2009.</p>
	<p>(ii) If the conditions of paragraph 3.A.(2) of Cessna Citation Alert Service Letter ASL525A-78-01, Revision 1, dated October 27, 2009, are met, replace within the next 150 hours TIS after the inspection required in paragraph (f)(3) of this AD. After the replacement, continue with the repetitive inspections specified in paragraph (f)(1) of this AD.</p>	

(5) Replace both thrust attenuator paddles	Within the next 300 hours TIS after July 22, 2010 (the effective date of this AD), or within 1 year after July 22, 2010 (the effective date of this AD), whichever occurs first.	Follow Cessna Citation Service Bulletin SB525A-78-02, Revision 1, dated February 5, 2010.
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(g) The replacement required in paragraph (f)(5) of this AD terminates the repetitive inspection requirement of this AD. This replacement may be done at anytime, but must be done no later than 300 hours TIS after July 22, 2010 (the effective date of this AD), or within 1 year after July 22, 2010 (the effective date of this AD), whichever occurs first.

(h) If, before July 22, 2010 (the effective date of this AD), you have done all the actions in the original issue of Cessna Citation Service Bulletin SB525A-78-02, dated November 13, 2009, then no further action is required by this AD. This is considered "unless already done" credit for this AD action.

Alternative Methods of Compliance (AMOCs)

(i) The Manager, Wichita Aircraft Certification Office (ACO), FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. Send information to Attn: T.N. Baktha, Aerospace Engineer, Wichita ACO, 1801 Airport Road, Room 100, Wichita, Kansas 67209; telephone: (316) 946-4155; fax: (316) 946-4107. 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.

(j) AMOCs approved for AD 2009-24-13 are approved for this AD.

Material Incorporated by Reference

(1) You must use Cessna Citation Alert Service Letter ASL525A-78-01, Revision 1, dated October 27, 2009, and Cessna Citation Service Bulletin SB525A-78-02, Revision 1, dated February 5, 2010, to do the actions required by this AD, unless the AD specifies otherwise.

(1) The Director of the Federal Register approved the incorporation by reference of Cessna Citation Service Bulletin SB525A-78-02, Revision 1, dated February 5, 2010, under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) On December 15, 2009 (74 FR 62479, November 30, 2009), the Director of the Federal Register approved the incorporation by reference of Cessna Citation Alert Service Letter ASL525A-78-01, Revision 1, dated October 27, 2009.

(3) For service information identified in this AD, contact Cessna Aircraft Company, Product Support, P.O. Box 7706, Wichita, KS 67277; telephone: (316) 517-6000; fax: (316) 517-8500; Internet: <http://www.cessna.com>.

(4) You may review copies of the service information incorporated by reference for this AD at the FAA, Central Region, Office of the Regional Counsel, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the Central Region, call (816) 329-3768.

(5) You may also review copies of the service information incorporated by reference for this AD 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/code_of_federal_regulations/ibr_locations.html.