

中国民用航空局



CIVIL AVIATION
ADMINISTRATION OF CHINA

CAAC
适 航 指 令

AIRWORTHINESS DIRECTIVE

本指令根据中国民用航空规章《民用航空器适航指令规定》(CCAR-39) 颁发，内容涉及飞行安全，是强制性措施。如不按规定完成，有关航空器将不再适航。

编号：CAD2008-C525-01

修正案号：39-5911

一. 标题： 检查机身和机翼下部结构

二. 适用范围：

本指令适用于安装了驾驶舱飞行员排泄管的，系列号从0001到0637的525飞机、系列号从0001到0347的525A飞机和系列号从0001到0152的525B飞机。

三. 参考文件：

- 1、FAA AD 2008-03-10，修正案号：39-15360，2008年1月24日颁发；
- 2、Cessna Citation 紧急服务信函 ASL 525-53-04 第2版，2007年8月19日颁发；
- 3、Cessna Citation 紧急服务信函 ASL 525A-53-05 第2版，2007年7月25日颁发；
- 4、Cessna Citation 紧急服务信函 ASL 525B-53-02 第2版，2007年7月25日颁发；
- 5、Cessna Citation 服务通告 SB 525-53-20，2007年4月30日颁发；

6、Cessna Citation 服务通告 SB 525A-53-01, 2007 年 4 月 30 日颁发;

7、Cessna Citation 服务通告 SB 525B-53-01, 2007 年 4 月 30 日颁发;

四. 原因、措施和规定

本指令的颁发是由于发现飞行员排泄管的渗漏, 导致了飞机结构的腐蚀。颁发本指令是为了检查并纠正飞机结构腐蚀引起的任何损伤。飞机结构的腐蚀会降低结构的性能并导致结构失效, 进而造成飞机的失控。

自本指令生效之日起, 要求完成下述工作, 除非已事先完成。(注: 下列部分英文内容摘自FAA AD2008-03-10号适航指令〔2008年1月24日颁发〕)

完成本指令可采用能确保安全的替代方法或调整完成的时间, 但必须得到适航当局的批准。

2008-03-10 Cessna Aircraft Company: Amendment 39-15360; Docket No. FAA-2007-28956; Directorate Identifier 2007-CE-068-AD.

Effective Date

(a) This AD becomes effective on March 11, 2008.

Affected ADs

(b) None.

Applicability

(c) This AD applies to the following airplane models and serial numbers that have a cockpit mounted pilot relief tube installed and are certificated in any category:

Models	Serial Numbers
(1) 525	0001 through 0637
(2) 525A	0001 through 0347
(3) 525B	0001 through 0152

Unsafe Condition

(d) This AD results from leaking of the pilot relief tube, which caused corrosion of the airplane structure. We are issuing this AD to detect and correct any damage from corrosion on the airplane structure. Corrosion of the airplane structure could cause structural degradation and lead to structural failure of the airplane with consequent loss of control.

Compliance

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

Table 1.—Actions, Compliance, and Procedures

Actions	Compliance	Procedures
(1) Inspect the lower wing skin structure, forward wing spars, lower fuselage skin, fairings, and external fairing frames for corrosion.	Within the next 90 days after March 11, 2008 (the effective date of this AD).	Follow Cessna Citation Alert Service Letter ASL525-53-04, Revision 2, dated August 19, 2007; Cessna Citation Alert Service Letter ASL525A-53-05, Revision 2, dated July 25, 2007; or Cessna Citation Alert Service Letter ASL525B-53-02, Revision 2, dated July 25, 2007.
(2) If corrosion damage is found in the lower wing skin structure, forward wing spars, lower fuselage skin, fairings, or external fairing frames during the inspection required in paragraph (e)(1) of this AD, repair as specified in the applicable service information. If the corrosion damage can not be repaired within the limits specified in the applicable service information, contact the manufacturer at 1-800-835-4090 for an FAA-approved repair scheme and incorporate this repair.	Before further flight after the inspection required in paragraph (e)(1) of this AD.	Follow Cessna Citation Alert Service Letter ASL525-53-04, Revision 2, dated August 19, 2007; Cessna Citation Alert Service Letter ASL525A-53-05, Revision 2, dated July 25, 2007; or Cessna Citation Alert Service Letter ASL525B-53-02, Revision 2, dated July 25, 2007.
(3) If corrosion on the lower wing skin structure, forward wing spars, and lower fuselage skin was repaired by blending within the limits specified in the service information, do a surface eddy current inspection or a dye-penetrant inspection for cracks.	Before further flight after the repair by blending was done as specified in paragraph (e)(2) of this AD.	Follow Cessna Citation Alert Service Letter ASL525-53-04, Revision 2, dated August 19, 2007; Cessna Citation Alert Service Letter ASL525A-53-05, Revision 2, dated July 25, 2007; or Cessna Citation Alert Service Letter ASL525B-53-02, Revision 2, dated July 25, 2007.
(4) If cracks are found during the surface eddy current inspection or the dye-penetrant inspection required in paragraph (e)(3) of this AD, contact the manufacturer for an FAA-approved repair scheme and incorporate this repair.	Before further flight after the inspection required in paragraph (e)(3) of this AD.	Contact Cessna Aircraft Company, Citation Customer Support at 1-800-835-4090.

(5) Install the fuselage fairings and apply corrosion inhibitive sealant.	Before further flight after the inspection required in paragraph (e)(1) of this AD if no corrosion was found; or before further flight after doing the repairs and inspections required in paragraphs (e)(2), (e)(3), and (e)(4) of this AD if corrosion or cracks were found.	Follow Cessna Citation Alert Service Letter ASL525-53-04, Revision 2, dated August 19, 2007; Cessna Citation Alert Service Letter ASL525A-53-05, Revision 2, dated July 25, 2007; or Cessna Citation Alert Service Letter ASL525B-53-02, Revision 2, dated July 25, 2007.
(6) Determine the type of installation of the cockpit mounted pilot relief tube and disable the relief tube.	Before further flight after the inspection required in paragraph (e)(1) of this AD.	Cessna Citation Service Bulletin SB525-53-20, dated April 30, 2007; Cessna Citation Service Bulletin SB525A-53-01, dated April 30, 2007; or Cessna Citation Service Bulletin SB525B-53-01, dated April 30, 2007.

Alternative Methods of Compliance (AMOCs)

(f) 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, Wichita ACO, Aerospace Engineer, 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.

Material Incorporated by Reference

(g) You must use the service information specified in Table 2 of this AD 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 this service information under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) For service information identified in this AD, contact Cessna Aircraft Company, Citation Marketing Division, P.O. 7706, Wichita, Kansas 67277; telephone: 1-800-835-4090; fax: 1-800-517-8500.

(3) You may review copies at the FAA, Central Region, Office of the Regional Counsel, 901 Locust, Kansas City, Missouri 64106; 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/code_of_federal_regulations/ibr_locations.html.

Table 2.—Material Incorporated by Reference

Service Bulletin No.	Revision	Date
Cessna Citation Alert Service Letter ASL525-53-04	2	August 19, 2007
Cessna Citation Alert Service Letter ASL525A-53-05	2	July 25, 2007
Cessna Citation Alert Service Letter ASL525B-53-02	2	July 25, 2007

Cessna Citation Service Bulletin SB525-53-20	April 30, 2007
Cessna Citation Service Bulletin SB525A-53-01	April 30, 2007
Cessna Citation Service Bulletin SB525B-53-01	April 30, 2007

Issued in Kansas City, Missouri, on January 24, 2008.
John Colomy,
Acting Manager, Small Airplane Directorate, Aircraft Certification Service.
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五. 生效日期：2008 年 3 月 11 日

六. 颁发日期：2008 年 2 月 20 日

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