



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：CAD2009-C208-01

修正案号：39-6383

一. 标题： 钢索的松弛检查/纠正

二. 适用范围：

本指令适用于下表所列型号和序列号的飞机。

型号	序列号
208	20800500至20800504
208B	208B1216, 208B2001, 208B2003至208B2023, 208B2025至 208B2029, 208B2031至208B2037, 208B2040, 208B2042及208B2043

三. 参考文件：

- 1、FAAAD 2009-15-05, 2009 年 7 月 6 日颁发；
- 2、Cessna 公司服务通告 SB CAB08-9, 2008 年 11 月 24 日。

四. 原因、措施和规定

本指令的颁发，源于两起关于连接钢索松弛造成锻造球体脱离鼓轮凹槽的事件报告。颁发本指令的目的是为了发现和纠正松弛的连接钢索夹，因为钢索松弛会使锻造球体从伺服鼓轮的凹槽中脱离，并和钢索的保险销接触。这种失效会造成方向舵和/或副翼的操作受限，并

进一步造成飞机的失控。

自本指令生效之日起，要求完成附件FAA AD 2009-15-05（2009年7月6日颁发）中要求的工作，除非已事先完成。

完成本指令可采取能保证安全的等效替代方法或调整时间完成，但必须得到适航当局的批准。

附件：FAA AD 2009-15-05（2009年7月6日颁发）

2009-15-05 Cessna Aircraft Company: Amendment 39-15968; Docket No. FAA-2009-0638; Directorate Identifier 2009-CE-038-AD.

Effective Date

(a) This AD becomes effective on July 27, 2009.

Affected ADs

(b) None.

Applicability

(c) This AD applies to the following airplane models and serial numbers that are certificated in any category:

Model	Serial Numbers
208	20800500 through 20800504
208B	208B1216, 208B2001, 208B2003 through 208B2023, 208B2025 through 208B2029, 208B2031 through 208B2037, 208B2040, 208B2042, and 208B2043

Unsafe Condition

(d) This AD is the result of two reported incidences of slack bridle cables with the swaged balls unseated from their drum recesses. We are issuing this AD to detect and correct loose bridle cable clamps, which could result

in the swaged ball unseating from the recess in the servo drum and contacting the cable guard pin. This failure could lead to very limited control of the rudder and/or aileron with consequent loss of control.

Compliance

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

Actions	Compliance	Procedures
(1) Measure and adjust as necessary, the roll bridle cable tension and yaw bridle cable tension, and torque the 12 bridle cable clamp screws.	Within the next 10 hours time-in-service after July 27, 2009 (the effective date of this AD).	Follow Accomplishment Instructions, paragraphs 2. through 7., of Cessna Aircraft Company Caravan Service Bulletin CAB08-9, dated November 24, 2008.
(2) Use the form (Figure 1 of this AD) to report the results of the inspections required in paragraph (e)(1) of this AD. The Office of Management and Budget (OMB) approved the information collection requirements contained in this regulation under the provisions of the Paperwork Reduction Act of 1980 (44 U.S.C. 3501 et seq.) and assigned OMB Control Number 2120-0056.	Within 10 days after the inspection required in paragraph (e)(1). If Cessna Aircraft Company Caravan Service Bulletin CAB08-9, dated November 24, 2008, was done before July 27, 2009 (the effective date of this AD) the report is not required.	Send the report to the FAA at the address specified in paragraph (f) of this AD.

AD 2009-15-05 Inspection Report	
(If the SB was done before the effective date of this AD, this report does not need to be completed and returned to the Wichita ACO)	
Airplane Model	
Airplane Serial Number	
Did you find the yaw bridle cable tension to be within the range of 15-25 lbs?	
Did you find the roll bridle cable tension to be within the range of 10-14 lbs?	
Were any other discrepancies noted during the inspection?	
Name	
Telephone and/or email address	
Date	
<i>Send report to:</i> Ann Johnson, Aerospace Engineer ACE-116W, Wichita Aircraft Certification Office 1801 Airport Road, Room 100 Wichita, KS 67209 fax: (316) 946-4107 email: ann.johnson@faa.gov	

Figure 1

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: Ann Johnson, Aerospace Engineer, Wichita Aircraft Certification Office (ACO), 1801 Airport Road, Room 100, Wichita, Kansas 67209; telephone: (316) 946-4105; fax: (316) 946-4107; E- mail: ann.johnson@faa.gov. 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 Cessna Aircraft Company Caravan Service Bulletin CAB08-9, dated November 24, 2008, 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, Product Support, P.O. Box 7706; Wichita, Kansas 67277; telephone: (316) 517-5800; fax: (316) 942-9006; Internet: <http://www.cessna.com>.

(3) 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.

(4) 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.

五. 生效日期：2009 年 7 月 27 日

六. 颁发日期：2009 年 7 月 21 日

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