

PŘÍKAZ K ZACHOVÁNÍ LETOVÉ ZPŮSOBILOSTI

CAA-AD-109/2001

Datum vydání: 3. prosince 2001

LETOUN - VEDENÍ PALIVA - ELEKTROINSTALACE - KONTROLA

Týká se: letadel vyrobených firmou Cessna Aircraft Comp. Následujících typů a verzí certifikovaných v kterékoliv kategorii:

Typ	Výrobní číslo.
172N	17267585 až 17270049; 17270051 až 17274009; 17261445, 17261578, 17270050.
172P	17274010 až 17276654.
172RG	172RG0001 až 172RG1191; 691.
F172N	F17201515 až F17202039.
F172P	F17202040 až F17202254.
FR172J	FR17200531 až 17200590.
FR172K	FR17200591 až 17200675.
R172K	R1722000 až R1723454; 680.

Důvod vydání: zabránit možnosti tření mezi kabely elektroinstalace a vedením paliva, což může vést k úniku paliva a následnému požáru letounu za letu.

Datum účinnosti: 24. ledna 2002.

Provést v termínech: Jak je popsáno v FAA AD 2001-23-03 od data účinnosti tohoto PZZ.

Postup provedení prací: Dle FAA AD 2001-23-03 (příloha tohoto PZZ).

Poznámky: Provedení tohoto PZZ musí být zapsáno do letadlové knihy. Případné dotazy týkající se tohoto PZZ adresujte na ÚCL sekce technická – V. Fiala. Pokud to vyžaduje povaha tohoto PZZ, musí být zapracován do příslušné části dokumentace pro obsluhu, údržbu a opravy letadla. Tento PZZ byl vypracován na základě FAA AD 2001-23-03, který nahrazuje FAA AD 80-04-08.

Ing. Pavel MATOUŠEK
ředitel sekce technické

2001-23-03 Cessna Aircraft Company: Amendment 39-12500; Docket No. 2000-CE-26-AD; Supersedes AD 80-04-08, Amendment 39-3696.

(a) *What airplanes are affected by this AD?* This AD affects the following Cessna model airplanes, certificated in any category:

Model	Serial No.
172N.....	17267585 through 17270049; 17270051 through 17274009; 17261445, 17261578, and 17270050.
172P.....	17274010 through 17276654.
172RG.....	172RG0001 through 172RG1191; and 691.
F172N.....	F17201515 through F17202039.
F172P.....	F17202040 through F17202254.

FR172J.....	FR17200531 through 17200590.
FR172K.....	FR17200591 through 17200675.
R172K.....	R1722000 through R1723454; and 680.

(b) *Who must comply with this AD?* Anyone who wishes to operate any of the above airplanes must comply with this AD.

(c) *What problem does this AD address?* The actions specified by this AD are intended to detect and correct any chafing between the map light switch and the bordering fuel line, which could result in a fuel leak or an in-flight fire.

(d) *What actions must I accomplish to address this problem?* To address this problem, you must accomplish the following:

Actions	Compliance	Procedures
(1) Inspect the doorpost map light switch insulator (part number 0511080-1) to verify it is installed and (if installed) not damaged.	Initially inspect within the next 100 hours time-in-service (TIS) after December 27, 2001 (the effective date of this AD), or within the next 12 calendar months after December 27, 2001 (the effective date of this AD), whichever occurs first. Repetitively inspect thereafter at intervals not to exceed 12 calendar months.	Do this action following the ACCOMPLISHMENT INSTRUCTIONS section of Cessna Service Bulletin SEB00-1, dated January 17, 2000.
(2) If a switch cover (insulator) is not installed or is damaged in any way, install a new insulator (part number 0511080-1).	Before further flight after the inspection where any damage is found or the cover is found missing.	Do this action following the ACCOMPLISHMENT INSTRUCTIONS section of Cessna Service Bulletin SEB00-1, dated January 17, 2000, and the Cessna Manufacturer's Maintenance Manual.
(3) If the fuel line is damaged in any way, install a new fuel line. The replacement fuel line part number varies with aircraft model.	Before further flight after the inspection where any damage is found.	Do this action following the ACCOMPLISHMENT INSTRUCTIONS section of Cessna Service Bulletin SEB00-1, dated January 17, 2000, and the Cessna Manufacturer's Maintenance Manual.

Note 1: The compliance times specified in Cessna Service Bulletin SEB00-1, dated January 17, 2000, are different from those required by this AD. The compliance times in this AD take precedence over those in the service bulletin.

(e) *Can I comply with this AD in any other way?*

(1) You may use an alternative method of compliance or adjust the compliance time if:

(i) Your alternative method of compliance provides an equivalent level of safety; and

(ii) The Manager, Wichita Aircraft Certification Office (ACO), approves your alternative. Submit your request through an FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Wichita ACO.

(2) Alternative methods of compliance approved in accordance with AD 80-04-08, which is superseded by this AD, are not approved as alternative methods of compliance with this AD.

Note 2: This AD applies to each airplane identified in paragraph (a) of this AD, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For airplanes that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (e) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if you have not eliminated the unsafe condition, specific actions you propose to address it.

(f) *Where can I get information about any already-approved alternative methods of compliance?* Contact Mr. Clyde Erwin, Aerospace Engineer, FAA, Wichita Aircraft Certification Office, 1801 Airport Road, Room 100, Mid-Continent Airport, Wichita, Kansas 67209, telephone: (316) 946-4149; facsimile: (316) 946-4407.

(g) *What if I need to fly the airplane to another location to comply with this AD?* The FAA can issue a special flight permit under sections 21.197 and 21.199 of the Federal Aviation **Regulations** (14 CFR 21.197 and 21.199) to operate your airplane to a location where you can accomplish the requirements of this AD.

(h) *Are any service bulletins incorporated into this AD by reference?* Actions required by this AD must be done in accordance with Cessna Service Bulletin SEB00-1 and Accomplishment Instructions, dated January 17, 2000. The Director of the Federal Register approved this incorporation by reference under 5 U.S.C. 552(a) and 1 CFR part 51. You can get copies from the Cessna Aircraft Company, PO Box 7706, Wichita, Kansas 67277. You can look at copies at the FAA, Central Region, Office of the Regional Counsel, 901 Locust, Room 506, Kansas City, Missouri, or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

(i) *Does this AD action affect any existing AD actions?* This amendment supersedes AD 80-04-08, Amendment 39-3696.

(j) *When does this amendment become effective?* This amendment becomes effective on December 27, 2001.

Issued in Kansas City, Missouri, on November 5, 2001.

Michael Gallagher,

Manager, Small Airplane Directorate, Aircraft Certification Service.

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