

PŘÍKAZ K ZACHOVÁNÍ LETOVÉ ZPŮSOBILOSTI

CAA-AD-116/2000

Datum vydání: 22. prosince 2000

LETOUN - OVLÁDACÍ LANA SMĚROVÉHO KORMIDLA - KONTROLA/VÝMĚNA

Týká se: letadel vyrobených firmou Raytheon Aircraft Company (dříve Beech) následujících typů a výrobních čísel certifikovaných v kterékoliv kategorii:

Typ	Výrobní číslo
A36	E-2519 až E-3140
B36TC	EA-501 až EA-608
58	TH-1576 až TH-1838

Důvod vydání: zabránit nesprávnému vedení ovládacích lan směrového kormidla v důsledku poškození pojistného kolíku což může vést k prodření ovládacích lan a následně ztrátě ovladatelnosti směrového kormidla.

Datum účinnosti: : 25. ledna 2001.

Provést v termínech: Jak je popsáno v FAA AD 2000-24-04 (příloha tohoto PZZ).

Postup provedení prací: Dle pokynů v FAA AD 2000-24-04.

Poznámky: Provedení tohoto PZZ musí být zapsáno do letadlové knihy. Případné dotazy týkající se tohoto PZZ adresujte na ÚCL technický inspektorát - Ing. Shrbený. Pokud to vyžaduje povaha tohoto PZZ, musí být zapracováno do příslušné části dokumentace pro obsluhu, údržbu a opravy letadla. Tento PZZ byl vypracován na základě FAA AD 2000-24-04.

Ing. Pavel MATOUŠEK
Ředitel technického inspektorátu
Úřad pro civilní letectví

2000-24-04 RAYTHEON AIRCRAFT COMPANY: Amendment 39-12011; Docket No. 2000-CE-06-AD.

(a) **What airplanes are affected by this AD?** This AD affects the following Beech airplane models and serial numbers that are certificated in any category;

Model	Serial Numbers
A36	E-2519 through E-3140
B36TC	EA-501 through EA-608
58	TH-1576 through TH-1838

(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 correct the misrouted rudder control cable and consequent guard pin wear or fraying of the cables with loss of rudder control.

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

Actions	Compliance Times	Procedures
<p>(1) Inspect rudder control cables that are routed around the pulley and through the brackets.</p> <p>(i) Replace any worn or damaged guard pins.</p> <p>(ii) Inspect pulley brackets for wear and damage, and replace as necessary.</p> <p>(iii) If rudder cables are routed properly, check the airplane log book to determine if a misrouted control cable was detected during maintenance and the misrouting was corrected.</p>	<p>Inspect within the next 50 hours time-in-service after January 5, 2001 (the effective date of this AD), and accomplish all follow-on actions, such as replacements before further flight after the inspection.</p>	<p>Accomplish the inspection in accordance with the ACCOMPLISHMENT INSTRUCTIONS paragraph of Raytheon Mandatory Service Bulletin SB 27-3265, Issued: January 2000, and the applicable airplane Maintenance Manual or Shop Manual.</p>

Actions	Compliance Times	Procedures
<p>(2) If a misrouting has been recorded or found during this inspection, install replacement rudder control cables in accordance with the following:</p> <ul style="list-style-type: none"> (i) Apply corrosion preventive compounds, as necessary, to provide corrosion protection. (ii) Install rudder control cables. (iii) Adjust rudder control cables to correct tension and adjust control surface travel. (iv) Perform an operational checkout of the flight control system to ensure proper operation of installed rudder control cables, pulley brackets, guard pins and attaching hardware. 	<p>Before further flight after the inspection.</p>	<p>Accomplish this action in accordance with the ACCOMPLISHMENT INSTRUCTIONS paragraph of Raytheon Mandatory Service Bulletin SB 27-3265, Issued: January 2000, and the applicable airplane Maintenance Manual or Shop Manual.</p>

(e) **Can I comply with this AD in any other way?** You may use an alternative method of compliance or adjust the compliance time if:

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

(2) 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.

Note: 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 Paul C. DeVore, Aerospace Engineer, Wichita Aircraft Certification Office, FAA, 1801 Airport Road, Mid-Continent Airport, Wichita, Kansas 67209; telephone: (316) 946-4142; 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 Raytheon Mandatory Service Bulletin SB 27-3265, Issued: January 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 Raytheon Aircraft Company, P.O.

Box 85, Wichita, KS 67201-0085; or on the Internet at <http://www.raytheon.com/rac/servinfo/27-3265.pdf>. This file is in Adobe Portable Document Format. The Acrobat Reader is available at "<http://www.adobe.com/>". 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) **When does this amendment become effective ?** This amendment becomes effective on January 5, 2001.

FOR FURTHER INFORMATION CONTACT: Paul C. DeVore, Aerospace Engineer, FAA, Wichita Aircraft Certification Office, 1801 Airport Road, Mid-Continent Airport, Wichita, Kansas 67209; telephone: (316) 946-4142; facsimile: (316) 946-4407.

Issued in Kansas City, Missouri, on November 20, 2000.

Marvin R. Nuss, Acting Manager, Small Airplane Directorate, Aircraft Certification Service.