

PŘÍKAZ K ZACHOVÁNÍ LETOVÉ ZPŮSOBILOSTI

CAA-AD-T-096/2000

Datum vydání: 6. října 2000

VRTULNÍK - SESTAVA VAHADLA - KONTROLA/VÝMĚNA

Týká se: vrtulníků vyrobených firmou Robinson Helicopter Company, vybavených sestavou vahadla katalogového čísla (P/N) A203-5, certifikovaných v kterékoliv kategorii.

Důvod vydání: zabránit poruše vahadla, oddělení vahadla od hnacího hřídele hlavního rotoru a následné ztrátě říditelnosti vrtulníku.

Datum účinnosti: ihned po obdržení.

Provést v termínech: Jak je popsáno v FAA AD 2000-20-51.

Postup provedení prací: Dle pokynů v FAA AD 2000-20-51.

Poznámky: Provedení tohoto PZZ musí být zapsáno do letadlové knihy. Případné dotazy týkající se tohoto PZZ adresujte na ÚCL technický inspektorát - Ing. B.Fiala. 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 EMERGENCY FAA AD 2000-20-51.

Ing. Pavel MATOUŠEK
Ředitel technického inspektorátu
Úřad pro civilní letectví

2000-20-51 ROBINSON HELICOPTER COMPANY: Docket No. 2000-SW-51-AD.

Applicability: Model R22 helicopters, with a yoke half assembly (yoke), Part number (P/N) A203-5, installed, certificated in any category.

NOTE 1: This AD applies to each helicopter identified in the preceding applicability provision, regardless of whether it has been otherwise modified, altered, or repaired in the area subject to the requirements of this AD. For helicopters 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 (f) 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 the unsafe condition has not been eliminated, the request should include specific proposed actions to address it.

Compliance: Required as indicated, unless accomplished previously.

To prevent failure of a yoke, separation of a yoke from the main rotor drive shaft, and subsequent loss of control of the helicopter, accomplish the following:

(a) Before further flight and thereafter before the first flight of each day, check each yoke for a crack. See [Figure A](#).

(b) If a yoke is cracked, before further flight, replace the yokes with airworthy yokes, P/N A203-7. Both yokes must be replaced with yokes, P/N A203-7.

(c) Before further flight after January 1, 2001,

(1) Determine the Lot identifier of each yoke.

(2) If the Lot identifier is from 24 through 43, if it is a letter code, or if it is illegible, replace yokes, P/N A203-5, with airworthy yokes, P/N A203-7. Yoke, P/N A203-7, cannot be installed with yoke, P/N A203-5.

NOTE 2: Robinson Helicopter Company R22 Service Bulletin SB-88A, dated September 13, 2000, pertains to the subject of this AD.

(d) The visual check required by paragraph (a) may be performed by an owner/operator (pilot) holding at least a private pilot certificate and must be entered into the aircraft records showing compliance with paragraph (a) in accordance with 14 CFR 43.11 and 91.417(a)(2)(v).

[Figure A](#)

(e) Determining that the installed yokes, P/N A203-5, are not in the lots affected by this AD, or replacing yokes, P/N A203-5, with yokes, P/N A203-7, is terminating action for the requirements of this AD.

(f) An alternative method of compliance or adjustment of the compliance time that provides an acceptable level of safety may be used if approved by the Manager, Los Angeles Aircraft Certification Office, FAA. Operators shall submit their requests through an FAA Principal Maintenance Inspector, who may concur or comment and then send it to the Manager, Los Angeles Aircraft Certification Office.

NOTE 2: Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the Los Angeles Aircraft Certification Office.

(g) Special flight permits will not be issued.

(h) **Emergency AD 2000-20-51, issued October 4, 2000, becomes effective upon receipt.**

FOR FURTHER INFORMATION CONTACT: Fredrick A. Guerin, Aviation Safety Engineer, FAA, Los Angeles Aircraft Certification Office, Airframe Branch, 3960 Paramount Blvd., Lakewood, California 90712, telephone (562) 627-5232, fax (562) 627-5210.

Issued in Fort Worth, Texas, on October 4, 2000.

Henry A. Armstrong, Manager, Rotorcraft Directorate, Aircraft Certification Service.

