

PŘÍKAZ K ZACHOVÁNÍ LETOVÉ ZPŮSOBILOSTI

CAA-AD-1-023/98

Datum vydání: 19. března 1998

VRTULNÍK - KONTROLA KOLEN OLEJOVÉHO POTRUBÍ

Týká se: vrtulníků vyrobených "ROBINSON HELICOPTER COMPANY" typu R44 výrobních čísel od 0001 do 0330 certifikovaných v kterékoli kategorii.

Důvod vydání: v provozu vrtulníků se vyskytly trhliny na kolenech olejového potrubí od olejového chladiče do skříně motoru. Výrobce nařídil výměnu hliníkových kolen za ocelová.

Datum účinnosti: 25.03.1998

Provést v termínech: jak je popsáno v části "Compliance" FAA AD 98-05-10 (příloha tohoto PZZ).

Postup provedených prací: dle části "Compliance" FAA AD 98-05-10.

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 zpracován do příslušné části dokumentace pro obsluhu, údržbu a opravy vrtulníku. Tento PZZ byl vypracován na základě FAA AD 98-05-10.

Ing. Pavel MATOUŠEK

Ředitel technického inspektorátu

Úřad pro civilní letectví

98-05-10 ROBINSON HELICOPTER COMPANY

Amendment 39-10371. Docket No. 97-SW-62-AD.

Applicability: Model R44 helicopters, serial numbers 0001 through 0330, certificated in any category.

NOTE 1: This AD applies to each helicopter identified in the preceding applicability provision, regardless of whether it has been 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 use the authority provided in paragraph (b) to request approval from the FAA. This approval may address either no action, if the current configuration eliminates the unsafe condition, or different actions necessary to address the unsafe condition described in this AD. Such a request should include an assessment of the effect of the changed configuration on the unsafe condition addressed by this AD. In no case does the presence of any modification, alteration, or repair remove any helicopter from the applicability of this AD.

Compliance: Required within 50 hours time-in-service after the effective date of this AD, unless accomplished previously.

To prevent failure of either the 45 degree or 90 degree aluminum elbows that connect the oil lines from the oil cooler to the engine accessory case, which would cause loss of engine oil, resulting in an engine failure and a subsequent forced landing, accomplish the following:

(a) Remove any aluminum (blue-colored) AN823-8D (45 degree) or MS20822-8D (90 degree) elbows that connect the A723 oil cooler lines to the engine accessory case and replace them with airworthy MS20823-8 (45 degree) steel elbows or MS20822-8 (90 degree) steel elbows, as applicable. If the color is difficult to distinguish, use a magnet to determine if the elbow is aluminum or steel. Apply B270-6 thread sealant/lubricant to the replacement elbows' pipe threads. Torque the elbows to 160 in-lbs. plus as much additional torque as is necessary to align for correct position with the oil line.

NOTE 2: Robinson Helicopter Company R44 Service Bulletin SB-25, dated October 1, 1997, pertains to the subject of this AD and describes procedures for replacing both aluminum elbows with steel elbows.

(b) 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. Operators shall submit their requests through an FAA Maintenance Inspector, who may concur or comment and then send it to the Manager, Los Angeles Aircraft Certification Office.

NOTE 3: 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.

(c) Special flight permits may be issued in accordance with sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the helicopter to a location where the requirements of this AD can be accomplished.

(d) This amendment becomes effective on March 18, 1998.

FOR FURTHER INFORMATION CONTACT: Ms. Elizabeth Bumann, Aerospace Engineer, Los Angeles Aircraft Certification Office, 3960 Paramount Blvd., Lakewood, California 90712-4137, telephone (562) 627-5265; fax (562) 627-5210.