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No. CF-97-18

AIRWORTHINESS DIRECTIVE

The following airworthiness directive (AD) may be applicable to an aircraft which our records indicate is registered in your name. ADs are issued pursuant to Canadian Aviation Regulation (CAR) 593. Pursuant to CAR 605.84 and the further details of CAR Standard 625, Appendix H, the continuing airworthiness of a Canadian registered aircraft is contingent upon compliance with all applicable ADs. Failure to comply with the requirements of an AD may invalidate the flight authorization of the aircraft. Alternative means of compliance shall be applied for in accordance with CAR 605.84 and the above- referenced Standard.

This AD has been issued by the Continuing Airworthiness Division (AARDG), Aircraft Certification Branch, Transport Canada, Ottawa, telephone (613) 952-4357.

CF-97-18 EUROCOPTER CANADA

Applies to all Eurocopter Canada Ltd. (formerly MBB Canada Ltd.) Model BO 105LS A-3 helicopters.

Compliance is required before the next flight after the effective date of this directive and at each 100 hours flight time thereafter.

Cracks of critical magnitude have been found on the main rotor mast flange of a Eurocopter Deutschland Model BO 105. Pending further corrective action a repetitive visual inspection for cracks was mandated. Because of mast similarity, the same inspection is being mandated on Eurocopter Canada Model BO 105LS A-3 helicopters.

To prevent failure of the main rotor mast flange, accomplish the following:

1. Using a 10-power magnifying glass perform a visual inspection for cracks in the ribbed area of the main rotor mast flange. Eurocopter Canada Alert Service Bulletin No. ASB-BO 105LS-10-9, dated 11 September 1997, refers.
2. Report all occurrences of cracking by submitting a Service Difficulty Report (SDR) to Transport Canada and inform the manufacturer, Eurocopter Canada, of inspection findings.

Alternative means of compliance with the requirements of this directive may be used only if approved by the Director, Aircraft Certification, Transport Canada, Ottawa. Any application should be made to the appropriate Transport Canada Centre.

This directive becomes effective 14 November 1997.

For Minister of Transport

B. Goyaniuk

Acting Chief, Continuing Airworthiness

Further information regarding the contents or interpretation of this directive may be obtained from your nearest Transport Canada Centre, or by contacting directly Mr. Bogdan Gajewski, Transport Canada, Continuing Airworthiness Division, Ottawa, telephone (613) 952-4450, facsimile (613) 9969178 or Internet e-mail: gajewsb@tc.gc.ca.

Pursuant to CAR 202.51 the registered owner of a Canadian aircraft shall, within seven days, notify the Minister in writing of any change of his or her name or address. To request a change of address, contact the Civil Aviation Communications Centre (AARC) at Place de Ville, Ottawa, Ontario K1A 0N8, or 1-800-305-2059, or <http://www.tc.gc.ca/civilaviation/communications/centre/address.asp>.

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