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No. CF-89-17

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-89-17 ENSTROM

Applies to all Enstrom helicopters.

Compliance is required by 1 December 1989.

Investigation shows that the grease Almaplex No. 1275 and Almagard No. 3751 manufactured by Lubrication Engineers, Inc., does not have adequate low temperature properties required for aviation.

To prevent in-flight control failure and possible loss of the helicopter, accomplish the following:

1. At the next lubrication cycle or prior to 1 December 1989, whichever comes first, conduct the following inspection and lubrication procedure:

Clean main rotor spindle feathering bearings which were previously lubricated with Almagard 3751 or Almaplex 1275 grease. It is necessary to remove the grips and respective bearings and clean them with solvent until all old grease has been removed.

Check all mating surfaces for signs of fretting and/or galling and inspect the 28-14261-1 bearing spacer for signs of deformation.

(iii) Re-lubricate with Aeroshell 14 or approved equivalent and reinstall.

(iv) On all other fittings it is suitable to purge using new grease - Aeroshell 14, or approved equivalent, until a relatively consistent color of the new grease appears.

NOTES:

1. The temperature of the grease and helicopter must be above 50°F/10°C to accomplish a satisfactory purge cycle.

2. If the helicopter has been previously lubricated with Almagard 3751 and/or Almaplex 1275, the purged grease will be red in color.

2. Remove from Maintenance Manual, Model "F", section 4-1, paragraph B, and from Service Information Letter No. 0120, any references to the use of Almagard 3751 and Almaplex 1275 lubricants.

Enstrom Service Information Letter No. 136, dated 18 October 1989, refers.

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

This directive becomes effective 16 November 1989.

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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