



United Kingdom Civil Aviation Authority

MPD No: 2002-004 R1

Issue Date: 20 June 2002

MANDATORY PERMIT DIRECTIVE

The following action required by this Mandatory Permit Directive (MPD) is mandatory for applicable aircraft registered in the United Kingdom operating on a UK CAA Permit to Fly.

MPD: 2002-004 R1 CFM

Subject: Propeller hub mounting bolts.

Applicability: CFM Shadow D, Shadow D-D and Streak Shadow aeroplanes fitted with a Rotax 582 engine and a Precision propeller, where the propeller mounting bolts are installed through threaded holes in the gearbox output flange. This MPD is not applicable to aeroplanes where the propeller mounting bolts pass through plain holes in the gearbox output flange.

Reason: Two serious incidents have been reported of failure of the propeller hub mounting bolts used on CFM aeroplanes fitted with Rotax engines and Precision propellers. Both aeroplanes had recorded approximately 100 engine hours. Revision 1 is issued to clarify the applicability of the MPD.

Compliance: Before further flight from the effective date of this MPD revision, determine the time in-service of the propeller hub mounting bolts. Bolts that have either exceeded 25 hours time in-service or for which the time in-service is not known, must be replaced before further flight with new bolts in accordance with the instructions in CFM Service Bulletin No 16. New bolts must be replaced at intervals not exceeding 25 hours time in service.

CFM Service Bulletin No 16 can be obtained from:

CFM Aircraft Ltd
Parham Airfield
Woodbridge
Suffolk
IP13 9AF

Tel: 01728 720088
Fax: 01728 720087
e-mail: HQ@cfm-aircraft.co.uk

Record compliance with this MPD in the aircraft log book.

The original MPD became effective on 19 June 2002. Revision 1 becomes effective on 20 June 2002.

Enquiries regarding this MPD should be made to the United Kingdom Civil Aviation Authority, Applications and Certification Section, Safety Regulation Group, Aviation House, Gatwick Airport South, West Sussex RH6 0YR.
Phone: +44 (0)1293 573149 Fax: +44 (0)1293 573993