



MANDATORY PERMIT DIRECTIVE

In accordance with Article 11(6)(a) of the Air Navigation Order 2005 as amended, 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: 2007-003 R2 ROTAX

Subject: Fuel Pump Replacement

Applicability: Rotax 912UL / 912ULS / 912 ULSFR engines

These engines are known to be fitted to, but not limited to, the following permit aircraft types: Airborne Edge XT912, Medway Eclipser, Flight Design CT2K, Flight Design CTSW, Ikarus FB80, Ikarus FB100, Mainair Blade 912, Mainair Blade 912S, Pegasus Quantum 15-912, Pegasus Quik, Quik GT450, Medway SL 80, Medway SLA100, EV97 Team Eurostar UK, Sky Arrow 650T, Sky Ranger, X'Air, X'Air Falcon, Escapade, iXess, Tanarg and Rotorsport UK MT-03 gyroplane

Reason: Rotax have advised that for a number of fuel pump part numbers fitted to Rotax 912 UL, 912ULS and 912ULSFR engines, there is a possibility of significant fuel leakage and/or engine malfunction due to excessive fuel pressure being supplied to the mechanical fuel pump.

Compliance: Within 25 flying hours from the date of Revision 1 of this MPD or by 1 July 2007 whichever occurs first, inspect the engine fuel pump in accordance with Rotax Service Bulletin SB-912-053UL.

- i) If fuel pump part number 892230, 892232 or 892540 is fitted, replace the fuel pump with part number 892542 in accordance with Rotax Service Bulletin SB-912-053UL.
- ii) If fuel pump part number 892235, 892236 or 892545 is fitted, replace the fuel pump with part number 892546 in accordance with Rotax Service Bulletin SB-912-053UL.
- iii) If fuel pump part number 892542 or 892546 is fitted, no further action is required.
- iv) Engines fitted with Pierburg fuel pumps ("Pierburg" marked on outer end) are not affected by this MPD. All affected pumps are marked "AC" on the outer end. Note: Engines manufactured before the end of 2005 will be fitted with Pierburg pumps unless they have subsequently been fitted with AC pumps as replacements.
- v) If Rotax Alert Service Bulletin ASB-912-053UL has already been complied with, no further action is required by this MPD revision.

continued overleaf

A copy of Rotax Service Bulletin SB-912-053UL and further information on how to establish whether the fuel pump on your aircraft must be replaced may be obtained from the Technical Support section of www.conairsports.co.uk. Replacement fuel pumps may be obtained from:

Skydrive Ltd
Burnside
Deppers Bridge
Southam
CV47 2SU

Tel: 01926 612188
Fax: 01926 613781
e-mail: sales@skydrive.co.uk

Record compliance with this MPD in the aircraft log book.

The original MPD became effective 30 March 2007. Revision 1 became effective on 10 April 2007. Revision 2 becomes effective on 3 May 2007.