



**United Kingdom
Civil Aviation Authority**

MPD No: 2010-001

Issue Date: 9 February 2010

MANDATORY PERMIT DIRECTIVE

In accordance with Article 22(1) of the Air Navigation Order 2009 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: 2010-001 TRELLEBORG HYDRO K HOSES

Subject: Inspection / Replacement of cracked hoses.

Applicability: All UK registered aircraft operating on a CAA Permit to Fly fitted with Trelleborg Hydro K hoses.

Reason: Trelleborg Hydro K hose is used on a number of microlight, gyroplane and amateur built aircraft operating on a UK Permit to Fly. This hose type is used for both fuel and oil delivery on Rotax engine installations. This hose type may have also been used by aircraft manufacturers for other engine installations and or aircraft systems.

The CAA has been made aware of a number of occurrences of cracking of this hose type, which has occurred within 6 months from new. In some instances, the hose has cracked through to the inner core resulting in significant fluid leakage, which could result in fuel or oil exhaustion, or an aircraft fire.



Compliance:	<p>a) Within 28 days of the effective date of this MPD, visually inspect all Trelleborg Hydro K flexible hoses for signs of cracking. If any cracks are found, before further flight, replace the affected hose(s) with new parts or an alternative approved hose.</p> <p>b) If no cracks are found under a) inspect the hoses for cracks at intervals of 30 flight hours or every month, whichever is the shorter. If cracks are found during any of these inspections, the hoses are to be replaced with new parts or an alternative approved hose.</p> <p>Note:</p> <p>1. For Rotorsport UK Ltd. MT03 and MTO Sport gyroplanes, Service Bulletin number 012, Modification MC112 introduces an alternative hose type. Further details of this modification can be obtained from:</p> <p style="padding-left: 40px;">Rotorsport UK Ltd. Poplar Farm Prolley Moor Wentnor Bishops Castle SY9 5EJ Telephone and fax number: 01588 650769 Email: rotorsport_uk@yahoo.co.uk</p> <p>2. For other aircraft types, please contact the type approval holder, the BMAA or LAA as appropriate for details of approved modifications.</p>
Ensure compliance with this MPD is recorded in the aircraft logbook.	
Effective Date:	14 February 2010
<p>1. This MPD was published on 11 December 2009 as PMPD 09-07 for consultation until 10 January 2010.</p> <p>2. Enquiries regarding this MPD should be referred to Aircraft Certification Department, Civil Aviation Authority, Safety Regulation Group, Aviation House, Gatwick Airport South, West Sussex, RH6 0YR, United Kingdom.</p> <p>Tel: +44 (0)1293 573126 Fax: +44 (0)1293 573975 Email: department.certification@caa.co.uk</p>	