



# MANDATORY PERMIT DIRECTIVE

Number: 2003-010 R1

Issue date: 28 April 2014



In accordance with 22(1) of 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.

<b>Type Approval Holder's Name:</b> N/A	<b>Type/Model Designation(s):</b> Rotorway Executive 162F helicopters														
<b>Revision:</b>	This MPD Revises MPD 2003-010 dated 07 July 2003														
<b>Title:</b>	<b>Mandatory Requirements for UK Approval</b>														
<b>Manufacturer:</b>	Rotorway International														
<b>Applicability:</b>	Rotorway Executive 162F helicopters														
<b>Reason:</b>	<p>The purpose of this MPD is to define the modifications and inspections required on the Rotorway Executive 162F helicopter for acceptance onto the UK register and to ensure continued airworthiness of the helicopter.</p> <p>This MPD has been revised to reflect changes to Rotorway International Bulletins.</p>														
<b>Effective Date:</b>	06 May 2014 Original Issue: 14 July 2003														
<b>Compliance/Action:</b>	<p>From the effective date of this MPD, the CAA considers compliance with the bulletins specified below mandatory. Prior to the issue or the revalidation of a Permit to Fly, it must be established and certified that the following bulletins issued by Rotorway International have been complied with. Any repetitive inspection requirements must be incorporated into the applicable maintenance schedule for the helicopter.</p> <table><thead><tr><th><i>Service Bulletin</i></th><th><i>Description</i></th></tr></thead><tbody><tr><td>M-09</td><td>Main rotor blade modification.</td></tr><tr><td>M-10</td><td>Fuel pumps inertia switch system.</td></tr><tr><td>M-11</td><td>Secondary drive unit installation.</td></tr><tr><td>M-12</td><td>Ignition sensor manufacturing defect.</td></tr><tr><td>M-13</td><td>Shielding of FADEC wiring harness.</td></tr><tr><td>M-14</td><td>Engine cam gear life. (Aluminium cam gear standard only)</td></tr></tbody></table>	<i>Service Bulletin</i>	<i>Description</i>	M-09	Main rotor blade modification.	M-10	Fuel pumps inertia switch system.	M-11	Secondary drive unit installation.	M-12	Ignition sensor manufacturing defect.	M-13	Shielding of FADEC wiring harness.	M-14	Engine cam gear life. (Aluminium cam gear standard only)
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<b>Compliance/Action:</b>	<p>M-15 Inspection of connecting rods.  M-16 Throttle cable modification.  M-17 Dual throttle shaft weldment.  M-18 Inspection of braided steel fuel hoses.  M-19 Fuel pressure equalisation kit.  M-20 Inspection of tail rotor drive belt routing.  A-20 Tail rotor belt tension.  A-21 Simplified method for checking tail rotor belt tension. (See Note 1)  A-26 Secondary drive unit keyway inspection. (See Note 2)  A-43 Inspection of secondary drive assembly.</p> <p>Note 1: See also MPD No. 1995-094 R1.</p> <p>Note 2: CAA regard the keyway inspection only as Mandatory. The replacement secondary bearing unit should be carried out if the regular monitoring (post flight) indicates that an over temperature situation has occurred with the three bearing installations.</p>
<b>ENSURE COMPLIANCE WITH THIS MPD IS RECORDED IN THE AIRCRAFT LOGBOOK</b>	
<b>Reference Publications:</b>	<p>Rotorway International Bulletins listed under 'Compliance/Action', available from Rotorway International's website.</p> <p><a href="http://www.rotorway.com/serv_bulletins.html">http://www.rotorway.com/serv_bulletins.html</a></p>
<b>Remarks:</b>	<ol style="list-style-type: none"> <li>1. The CAA has decided to issue this MPD with a request for comments, postponing the public consultation process until after publication.</li> <li>2. Enquiries regarding this Mandatory Permit Directive should be referred to: Aircraft Certification, Civil Aviation Authority, Safety and Airspace Regulation Group, Aviation House, Gatwick Airport South, West Sussex RH6 0YR.</li> </ol> <p>Tel: +44 (0) 1293 573541  Email: <a href="mailto:angela.bines@caa.co.uk">angela.bines@caa.co.uk</a></p>