

**MANDATORY PERMIT DIRECTIVE****Number: 1997-001 R3**

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.

Type Approval Holder's Name: N/A		Type/Model Designation(s): Rotorway Executive 90 helicopters											
Revision:		This MPD Revises MPD 1997-001 R2 dated 28 November 2003											
Title:		Mandatory Requirements for UK Approval											
Manufacturer:		Rotorway International											
Applicability:		Rotorway Executive 90 helicopters											
Reason:		The purpose of this MPD is to define the modifications and inspections required for acceptance onto the UK register and to ensure continued airworthiness of the helicopter. This MPD has been revised to reflect changes to Rotorway International Bulletins.											
Effective Date:		06 May 2014 Revision 2: 05 December 2003 Revision 1: 01 December 1998 Original Issue: 20 January 1997											
Compliance/Action:		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. <table><tr><td><i>Bulletin Number</i></td><td><i>Description</i></td></tr><tr><td>M-01</td><td>Replacement of main drive pulley bolts/Loctite on oil pressure plug</td></tr><tr><td>M-02</td><td>Replacement Airframe tubes to improve structural integrity</td></tr><tr><td>M-03</td><td>Mounting of Chain Oil Bath</td></tr><tr><td>M-04</td><td>Reinforcement of passenger side skid tube</td></tr></table>		<i>Bulletin Number</i>	<i>Description</i>	M-01	Replacement of main drive pulley bolts/Loctite on oil pressure plug	M-02	Replacement Airframe tubes to improve structural integrity	M-03	Mounting of Chain Oil Bath	M-04	Reinforcement of passenger side skid tube
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Compliance/Action Cont:	Bulletin Number Description
	M-05 Installation of replacement Tail Boom attached brackets M-06 Main Sprocket attachment bolts M-07 'Gates' Tail Rotor drive belts M-08 Valve Stem Surface finish M-09 Main Rotor Blade Modification M-11 Secondary Drive Unit Installation M-14 Engine cam gear life, (aluminium cam gear standard only) M-16 Throttle cable modification M-17 Dual Throttle shaft weldment M-20 Inspection of tail rotor drive belt routing A-09 Valve Train Inspections A-15 Main Rotor Blade Inspections A-18 Further Valve Train Inspections 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 Note 1: See also MPD NO. 1995-094 R1 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.
ENSURE COMPLIANCE WITH THIS MPD IS RECORDED IN THE AIRCRAFT LOGBOOK	
Reference Publications:	Rotorway International Bulletins listed under 'Compliance/Action', available from Rotorway International's website. http://www.rotorway.com/serv_bulletins.html
Remarks:	- The CAA has decided to issue this MPD with a request for comments, postponing the public consultation process until after publication. - 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. Tel: +44 (0) 1293 573541 Email: angela.bines@caa.co.uk