



Civil Aviation Authority

MANDATORY PERMIT DIRECTIVE

Number: 2011-007

Issue date: 25 November 2011



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: Rotorsport UK Ltd.	Type/Model Designation(s): Rotorsport UK MT-03, MTOSport and Calidus gyroplanes
Title:	Rotor Head Assembly Main Bearing Bolt – Replacement
Manufacturer:	Rotorsport UK Ltd.
Applicability:	Zinc plated (silver coloured) rotor assembly main bearing bolt part number BT696 (M.RK32.12, C.RK08.12) fitted to: a) Rotorsport MT03 gyroplanes with replacement parts fitted since 6 April 2010. b) Rotorsport MTOSport gyroplanes serial number 024 onwards or gyroplanes with replacement parts fitted since 6 April 2010. c) All Calidus gyroplanes.
Reason:	The CAA has been advised of an error in the manufacturing process for the rotor assembly main bearing bolt, Rotorsport part number BT696, which may affect the structural strength of this component. Failure of the main bearing bolt may result in separation of the rotor blade assembly and consequent loss of a gyroplane.
Effective Date:	25 November 2011
Compliance/Action:	Within 30 flight hours or 3 months from the effective date of this MPD, whichever occurs first, replace the zinc plated (silver coloured) rotor assembly main bearing bolt part number BT696 in accordance with the instructions in Rotorsport Service Bulletin SB053. Note: The compliance actions required by this MPD must be carried out by a BCAR A3-7 type authorised person and entered into the airframe logbook accordingly.

ENSURE COMPLIANCE WITH THIS MPD IS RECORDED IN THE AIRCRAFT LOGBOOK

Reference Publications:	Rotorsport Service Bulletin SB053	
Remarks:	1. This MPD was not published for consultation.	
	2. Enquiries regarding this MPD should be referred to Airworthiness Evaluation and Surveillance, Civil Aviation Authority, Safety Regulation Group, Aviation House, Gatwick Airport South, West Sussex, RH6 0YR, United Kingdom.	
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