



EMERGENCY MANDATORY PERMIT DIRECTIVE



Number: 2011-004-E

Issue date: 20 May 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: Thruster Air Services	Type/Model Designation(s): Thruster T600
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Title:	Propeller flange to crankshaft attachment screw replacement
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Manufacturer:	Thruster Air Services
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Applicability:	All Thruster T600 series aircraft fitted with Jabiru 2200A series engines driving 2 blade ground adjustable Warp Drive propellers of 64 inch nominal diameter.
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Reason:	To prevent propeller detachment in flight.
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Effective Date:	22 May 2011
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Compliance/Action:	<p>Compliance is required as follows:</p> <ol style="list-style-type: none">Engines which have accumulated less than 500 hours since new on the effective date of this MPD - upon reaching 500 hours:Engines which have accumulated more than 500 hours but less than 1000 hours since new on the effective date of this MPD – within 5 flight hours:Engines which have accumulated 1000 hours or more since new on the effective date of this MPD – before further flight: <p>Carry out propeller flange to crankshaft screw replacement, in accordance with Thruster Air Services Ltd Service Bulletin TAS/SB 014.</p> <p>Visually inspect the removed screws for evidence of failure, elongation or cracking. Report any instances of screw damage or failure to Thruster Air Services Ltd. in accordance with bulletin TAS/SB014. Rectify any damage to mating parts in accordance with manufacturer's instructions before further flight.</p> <p>Thereafter, Replace propeller flange attachment screws at intervals not to exceed 500 hours.</p>
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ENSURE COMPLIANCE WITH THIS MPD IS RECORDED IN THE AIRCRAFT LOGBOOK

Reference Publications:	Thruster Air Services TAS/SB014 Jabiru Service Bulletin JSB 022-1	
Remarks:	[1]. This MPD was not posted for consultation because of the urgency of the requirement.	
	[2]. Enquiries regarding this Mandatory Permit Directive should be referred to: Airworthiness Evaluation and Surveillance, Civil Aviation Authority, Safety Regulation Group, Aviation House, Gatwick Airport South, West Sussex RH6 0YR.	
	Tel: +44 (0)1293 573726	Fax: +44 (0)1293 573976
E-mail: department.certification@caa.co.uk		