



RotorSport UK Ltd

Service Bulletin

<p>This form is the response from RotorSport UK Ltd against a problem found in the product either in service or test, which requires an immediate action.</p> <p>Upon completion of the action, the person responsible must enter details into the aircraft logbook/worksheet with the SB and/or CAA MPD (Mandatory Permit Directive) number and sign as normal.</p> <p>If any problems with carrying out the work authorised, contact RSUK immediately on 44(0)1588 650769, or email gerry@rotorsport.org.</p>				
SB No.: 001	CCAR No.: None	Classification: OPTIONAL or RECOMMENDED or MANDATORY		
Aircraft type & model (applicability) RotorSport UK MT-03, 914UL engine only	Aircraft serial Nos. effected RSUK/MT-03/005, 011,012			
<p><u>Problem description & cause of problem if known</u></p> <p>Problem; Maximum Empty Weight of the MT-03 Gyroplane was undefined.</p> <p>The method of establishing this weight is now agreed (MTOW (450Kg) -2x86Kg occupants – fuel for 1hr at max continuous rpm).</p> <p>For the 914UL 1 hr max continuous at 5,000rpm burns 13Kg fuel, giving a max empty weight of 265Kg.</p> <p>All three above aircraft weigh less than 265Kg, and 5,000rpm continuous is adequate for 1 hr flight.</p>				
<p><u>Action required.</u></p> <p>Supplied with this SB is a short amber placard. This is to be fitted to the engine rpm gauge over the existing markings as shown in the below photo, such that the amber band starts at 5,000rpm, and finishes at 5,800 rpm.</p> <p>This defines the green normal operation band up to 5,000rpm, yellow/amber 5,000 to 5,800, and red thereafter – as opposed to green to 5,500 for the current issue and for the 912ULS engine versions.</p> <p>Replacement placard part no. RSD4295</p>		<p>Effective date: 24.8.07</p>		
				
<p>Gauge marking as supplied</p> <p style="text-align: right;">Additional amber band (from 5000rpm)</p>				
<p>Effect on Pilots Handbook or Maintenance Manual? Yes, Pilots handbook reissued to issue 3.</p>				
<p>Quality Inspection requirements after action: Owner/operator to certify that the work is completed by writing the SB number and action in the logbook white pages, and record the action in the pink pages entitled 'one time requirements'. Both entries must be signed by the owner /operator, together with either their CAA approval no or their pilots licence number.</p>				
<p>SB authorised by: (name, signature, and date of signature)</p>				
<p>Quality Conformance Manager</p> <p><i>J. Hanlon</i> 23/08/07</p>	<p>Engineering Manager</p> <p><i>G. Spacy</i> 23/8/07</p>	<p>Chief Test Pilot (if flight performance or safety effect)</p> <p><i>G. Spacy</i> 23/8/07</p>	<p>Structures (where required)</p>	
<p>Document completion date:</p>	Issued to:	When	Issuer name	Signature
	Internal			
	CAA	29/8/07	G. Spacy	<i>GS</i>
	Owners	29/8/07	G. Spacy	<i>GS</i>
	PFA/BMAA Inspectorate	No	NOT REQ'D.	