


<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>	
	<p><b>AD No : 2006 – 0127</b></p> <p><b>Date: 18 May 2006</b></p>	
No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive unless otherwise agreed with the Authority of the State of Registry.		
<b>Type Approval Holder's Name :</b>	<b>Type/Model designation(s) :</b>	
BRP-Rotax GmbH & CoKG	Rotax 914 F Series	
TCDS Number : Austria TW10-ACG		
Foreign AD : not applicable		
Supersedure : EASA AD 2006-0121		
<b>ATA 78</b>	<b>Exhaust - Inspection of the Exhaust Muffler Part No. 979402 and Part No. 979404</b>	
Manufacturer(s):	BRP-Rotax GmbH & CoKG, Austria Bombardier – Rotax GmbH, Austria	
Applicability:	<p>Rotax 914 F Series engines with S/N 4,420.372 up to 4,420.406 inclusive with exhaust muffler Part No. 979402 installed;</p> <p>Rotax 914 F Series engines from S/N 4,420.407 up to 4,420.436 inclusive with exhaust muffler Part No. 979402 respectively Part No. 979404 installed;</p> <p>Exhaust Muffler Part No. 979402 with S/N 02.0001 up to S/N 02.0322 inclusive and S/N 03.0001 up to 03.0108 inclusive;</p> <p>Exhaust Muffler Part No. 979404 with S/N 03.0200 up to S/N 04.0799 inclusive.</p>	
Reason:	<p>Occurrence of cracks in the exhaust muffler in the area of the exhaust bottom and exhaust flange were reported, which could lead to toxic contamination inside the cabin.</p> <p>Background information: This inspection was initially addressed by Austrian AD A-2004-005R1 dated 05 October 2004. The design of the exhaust muffler has been changed by design change F33-12 for Part Number 979402 and F36-13 for Part Number 979404 and was introduced into serial production.</p>	

	<p>The initial repetitive AD inspection interval of 50 Hrs was also applicable for this design. The investigation of the inspections carried out, has identified that the new exhaust muffler design eliminated the design problem and no additional inspection is required.</p> <p>EASA AD 2006-0121 superseded Austrian AD A-2004-005R1.</p> <p>This AD supersedes AD 2006-0121 due to deletion of a note in the applicability field which was excluding some serial numbers of the Exhaust Muffler Part No. 979402.</p>
Effective Date:	31 May 2006
Compliance:	<p>Inspection:</p> <p>Initial Inspection within 50 Hrs Time-in-Service (TIS) after AD effective date .</p> <p>Repeat this inspection every 50 Hrs of operation.</p>
Ref. Publications:	BRP-Rotax GmbH & CoKG Mandatory Service Bulletin SB-914-028R1 dated 8. November 2004 or later approved revisions.
Remarks :	<ol style="list-style-type: none"> <li>1.If requested and appropriately substantiated the responsible EASA manager for the related product has the authority to accept Alternative Methods of Compliance (AMOCs) for this AD.</li> <li>2.AD 2006-0121 was posted as PAD 06-048 for consultation on 06 March 2006 with a comment period until 01 April 2006. No comment was raised during the consultation period. This AD is superseding AD 2006-0121 but no consultation is deemed necessary, due to change in the applicability only.</li> <li>3.Enquiries regarding this Airworthiness Directive should be referred to Mr. M. Capaccio, Airworthiness Directive Focal Point - Certification Directorate, EASA. E-mail: <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a> .</li> <li>4.For any question concerning the technical content of the requirements in this AD, please contact BRP-Rotax GmbH &amp; Co. KG. (Ph.: +43 (0) 7246 6010; Fax: +43 (0) 7246 601 760).</li> </ol>