


<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>
	<p><b>AD No.: 2008-0084</b></p> <p><b>Date: 06 May 2008</b></p> <p>Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.</p>
<p>This AD is issued in accordance with EC 1702/2003, Part 21A.3B. In accordance with EC 2042/2003 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive unless otherwise specified by the Agency [EC 2042/2003 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].</p>	
<p><b>Type Approval Holder's Name :</b></p> <p>MICROTURBO</p>	<p><b>Type/Model designation(s) :</b></p> <p>Saphir 20 Model 095 Auxiliary Power Unit</p>
<p>TCDS Number : QAC 150 (letter 53038 SFACT/TC dated 12/01/1990)</p>	
<p>Foreign AD : Not applicable</p>	
<p>Supersedure : None</p>	
<b>ATA 49</b>	<b>Airborne Auxiliary Power – APU Turbine Wheel Life Limit – Reduction</b>
<p>Manufacturer(s): Microturbo</p>	
<p>Applicability: Saphir 20 Model 095 Auxiliary Power Units (APU), all serial numbers. These APUs are known to be installed on, but not limited to, Eurocopter EC225 and AS332 series helicopters.</p>	
<p>Reason: The turbine wheel, Part Number (P/N) 095-015-03, of the SAPHIR 20 Model 095 APU is a life-limited part. MICROTURBO has determined through “fleet leader” testing that the published life limit of this turbine wheel should be reduced to 9 000 cycles. The use of the turbine wheel beyond 9 000 cycles could lead to the release of high energy debris that could cause damage to the aircraft.</p> <p>For the reasons described above, this Airworthiness Directive (AD) requires the implementation of the new life limit on the affected parts and the replacement of parts that have exceeded the new limit.</p>	
<p>Effective Date: 20 May 2008</p>	
<p>Required action(s) and Compliance Time(s): Required as indicated, unless accomplished previously:</p> <p>(1) Within one month after the effective date of this AD or upon accumulating 9 000 APU cycles in service, whichever occurs later, replace the turbine wheel P/N 095-015-03 with a serviceable unit in accordance with the instructions of MICROTURBO Service Bulletin 095-49-16;</p>	

	<p>(2) Within one month after the effective date of this AD, amend the approved aircraft maintenance programme to include the new APU turbine wheel life limit, as specified in MICROTURBO SAPHIR 20 Model 095 Maintenance Manual 49-29-99;</p> <p>(3) After 19 June 2008, no person shall install a spare Saphir 20 Model 095 APU on any aircraft as a replacement unit, unless it has been verified that the P/N 095-015-03 turbine wheel installed on that APU has not exceeded 9 000 cycles in service.</p>
Ref. Publications:	<p>MICROTURBO Service Bulletin 095-49-16, Original Issue, dated 31 January 2008</p> <p>SAPHIR 20 Model 095 Maintenance Manual 49-29-99</p> <p>Any later approved revision of these documents is acceptable to comply with the requirements of this AD.</p>
Remarks :	<ol style="list-style-type: none"> <li>1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.</li> <li>2. This AD was posted on 31 March 2008 as PAD 08-045 for consultation until 28 April 2008. No comments were received during the consultation period.</li> <li>3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management &amp; Research Section, Certification Directorate, EASA. E-mail <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a></li> <li>4. For any questions concerning the technical content of the requirements in this AD, please contact: MICROTURBO - Support Clients, 8, Chemin du pont de Rupé - BP 62089 31019 Toulouse - Cedex 2 – FRANCE; Telephone +33 (0)5 61 37 55 00; Fax: +33 (0)5 61 70 74 45; E-mail <a href="mailto:technical.support@microturbo.fr">technical.support@microturbo.fr</a>.</li> </ol>