


<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>
	<p><b>AD No.: 2006 – 0288</b></p> <p><b>Date: 15 September 2006</b></p>
<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.</p>	
<p><b>Type Approval Holder's Name :</b></p> <p>Rolls-Royce Deutschland Ltd &amp; Co KG</p>	<p><b>Type/Model designation(s) :</b></p> <p>TAY 650 / TAY 650-15</p>
<p>TCDS Number : LBA Germany No. 6328</p>	
<p>Foreign AD : Not applicable.</p>	
<p>Supersedure : LBA LTA 2002-287</p>	
<b>ATA 72</b>	<b>Engine - Low Pressure Turbine Discs Stage 2 and 3 – Inspection/Replacement</b>
<p>Manufacturer:</p>	<p>Rolls-Royce plc.</p>
<p>Applicability:</p>	<p>TAY 650-15 Engines, serial numbers 17251, 17255, 17256, 17273, 17275, 17280, 17281, 17282, 17300, 17301, 17327, 17332, 17365, 17393, 17437, 17443, 17470, 17520, 17521, 17523, 17539, 17542, 17556, 17561, 17562, 17563, 17580, 17581, 17612, 17618, 17635, 17637, 17645, 17661, 17686, 17699, 17701, 17702, 17736, 17737, 17738, 17739, 17741, 17742 and 17808 with Module M05300AA (LP Turbine Module) installed.</p> <p>These engines are known to be installed in Fokker F28 Mark 0100 aircraft.</p>
<p>Reason:</p>	<p>Strip results from some of the engines listed in the applicability section of this directive revealed excessively corroded low pressure turbine discs stage 2 and stage 3. The corrosion is considered to be caused by the environment in which these engines are operated.</p> <p>Following a life assessment based on the strip findings it is concluded that inspections for corrosion attack are required.</p> <p>The action specified by this AD is intended to avoid a failure of a low pressure turbine disk stage 2 or stage 3 due to potential corrosion problems which could result in uncontained engine failure and damage to the airplane.</p>

Effective Date:	25 September 2006
Compliance:	<p>Required as indicated, unless accomplished previously:</p> <p>A) Prior to accumulating 11,700 flight cycles (FC) and thereafter at intervals not exceeding 11,700 FC of the engine, inspect the low pressure turbine discs stage 2 and stage 3 for corrosion in accordance with Rolls-Royce Deutschland Non-Modification Alert Service Bulletin TAY-72-A1524, Revision 1.</p> <p>B) When, during any of the inspections as required by paragraph A) of this directive, corrosion is found, replace the affected parts using the rejection criteria described in the Rolls-Royce TAY 650 Engine Manual - E-TAY-3RR, latest revision.</p> <p>All necessary inspections must be accomplished in accordance with the TAY 650 Engine Manual - E-TAY-3RR, Chapters 72-52-23 and 72-52-24.</p>
Ref. Publications:	Rolls-Royce Deutschland Non-Modification Alert Service Bulletin TAY-72-A1524, Revision 1 or later approved revisions; and Rolls-Royce Deutschland TAY 650 Engine Manual - E-TAY-3RR, Chapters 72-52-23 and 72-52-24.
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. This AD was posted as PAD 06-195 for consultation on 26 July 2006 with a comment period until 11 August 2006. No comments were received during the consultation period.</li> <li>3. Enquiries regarding this AD should be referred to the AD Focal Point, 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: Rolls-Royce Deutschland Ltd &amp; Co KG Eschenweg 11 - 15827 Dahlewitz – Germany Phone: +49 (0) 33 7086 1768 ; Fax: +49 (0) 33 7086 3356</li> </ol>

Supersedes