


<b>EASA</b>	<b>NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE</b>	
	<b>PAD No.: 12-111</b>  <b>Date: 21 August 2012</b>  Note: This Proposed Airworthiness Directive (PAD) 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.	
	In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below. All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation closing date indicated.	
<b>Design Approval Holder's Name:</b> Rolls-Royce Deutschland Ltd & Co KG		<b>Type/Model designation(s):</b> Tay 620-15 and Tay 650-15 series engines
TCDS Number: EASA.E.063		
Foreign AD: Not applicable		
Supersedure: None		
<b>ATA 72</b>	<b>Engine – Low Pressure Compressor Disc Assembly Life Limitation – Implementation</b>	
Manufacturer(s):	Rolls-Royce Deutschland Ltd & Co KG (RRD), formerly Rolls-Royce plc	
Applicability:	Tay 620-15, Tay 620-15/20, Tay 650-15 and Tay 650-15/10 engines, all serial numbers  These engines are known to be installed on, but not limited to, Fokker 70 and Fokker 100 series aircraft.	
Reason:	<p>The Tay 650-15 and Tay 650-15/10 engine Time Limit Manual Chapter 05-10-01 contains maximum approved life limitation, identified as Declared Safe Cyclic Life (DSCL) for Low Pressure Compressor (LPC) rotor disc assemblies Part Number (P/N) JR31198A and P/N JR34563A operated to the Plan D Flight Mission, which has been recalculated to a lower value.</p> <p>Decreased DSCL of LPC rotor disc assemblies P/N JR31198A and P/N JR34563A affects these disc assemblies installed in Tay 650-15 and Tay 650-15/10 engines as well as in Tay 620-15 and Tay 620-15/20 engines.</p> <p>Failure to account decreased DSCL of affected LPC rotor disc assemblies could lead to affected part failure and consequent release of high energy debris potentially resulting in damage to, and/or reduced control of, the aeroplane.</p> <p>To address this potential unsafe condition RRD issued Non-Modification Service Bulletin (NMSB) Alert Tay-72-A1772 to reduce of LPC rotor disc assemblies P/N JR31198A and P/N JR34563A DSCL from 20 000 engine flight cycles (EFC) to 18 700 EFC and correction of consumed life for those parts which were previously operated in Tay 650-15 or Tay 650-15/10 engines Plan D Flight Mission and are currently installed in Tay 620-15, Tay 620-15/20, Tay 650-15 or Tay 650-15/10 engines.</p>	

	For the reasons described above, this AD requires the implementation of more restrictive life limits for the affected parts.
Effective Date:	[TBD: 14 days after final AD issue date]
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> <li>(1) Within 30 days after the effective date of this AD, identify the P/N of LPC rotor disc assembly installed in the engine.</li> <li>(2) If, as a result of identification required by paragraph (1) of this AD, it is established that LPC rotor disc assembly P/N JR31198A or P/N JR34563A is installed in an engine, before next flight, for assembly which were formerly operated in Tay 650-15 or Tay 650-15/10 engines to the Plan D Flight Mission, correct the consumed life based on new DSCL value of 18 700 EFC in accordance with the Time Limits Manual, Chapter 05-10-01, TASK 05-10-01-800-000.</li> <li>(3) After the effective date of this AD, before or upon reaching 18 700 EFC by LPC rotor disc assembly P/N JR31198A or P/N JR34563A, to allow operation of an engine to the Plan D Flight Mission, replace the affected LPC rotor disc assembly with a serviceable part.</li> <li>(4) Compliance with the requirements of paragraphs (2) and (3) of this AD can be demonstrated by: <ol style="list-style-type: none"> <li>(4.1) Revising as follows the approved Aircraft Maintenance Programme (AMP) on the basis of which the operator or the owner ensures the continuing airworthiness of each operated aeroplane:  Incorporate the applicable airworthiness limitations as specified by this AD  and</li> <li>(4.2) Complying with the approved AMP described in paragraph (4.1) of this AD.</li> </ol> </li> </ol>
Ref. Publications:	<p>RRD NMSB Alert TAY-72-A1772 initial issue, dated 9 August 2012.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
Remarks:	<ol style="list-style-type: none"> <li>1. This Proposed AD will be closed for consultation on 19 September 2012.</li> <li>2. Enquiries regarding this PAD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a>.</li> <li>3. For any question concerning the technical content of the requirements in this PAD, please contact: Rolls-Royce Deutschland Ltd &amp; Co KG Eschenweg 11 – 15827 Dahlewitz – Germany Phone: +49 (0) 33 7086 1768 ; +49 (0) 33 7086 3356.</li> </ol>