

EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No. : 2006 - 0089</p> <p>Date: 18 April 2006</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.		
Type Approval Holder's Name :	Type/Model designation(s) :	
Rolls-Royce Deutschland Ltd. & Co. KG.	<p>SPEY 555 all models, installed on Fokker 28 all marks</p> <p>SPEY 506-14A, installed on BAC One-Eleven</p>	
TCDS Number : LBA 6347, 6345		
Foreign AD :N/A		
Superseded : CAA UK AD 005-07-2000		
ATA 72	Engine – Low Pressure Turbine – Stage 2 Blades Modification	
Manufacturer(s):	Rolls-Royce plc	
Applicability:	SPEY 555-15, SPEY 555-15H, SPEY 555-15N, SPEY 555-15P, SPEY 506-14A all S/N	
Reason:	A few specific operators have experienced several LPT stage 2 blade failures caused by a vibration resonance mode. The safety concern is an unacceptable risk of double occurrence of a blade loss for the same root cause resulting in a double engine In Flight Shut Down. The actions specified by this airworthiness directive are intended to prevent blade fracture and loss of blade resulting in an In Flight Shut Down.	
Effective Date:	21 April 2006	
Compliance:	<p>The incorporation of the new standard of LPT stage 2 blades (Mod 6428) via Service Bulletin Sp72-1064 is required by this AD. All necessary actions must be performed according to Rolls-Royce Deutschland Service Bulletin Sp72-1064.</p> <p>For any Spey 555 engines operated in a pre Sp72-1064 configuration, the LP speed restrictions as stated in MCNO F28-008 issued by Fokker Services must</p>	

	<p>be adhered to.</p> <p>For SPEY 555 engines, all models:</p> <p>The incorporation of new standard of LPT stage 2 blades (Mod 6428) via SB Sp72-1064 has to be completed on at least one engine per aircraft until 31 May 2007.</p> <p>The incorporation of new standard of LPT stage 2 blades (Mod 6428) via SB Sp72-1064, has to be completed on both engines per aircraft until 31 December 2009.</p> <p>For SPEY 506-14A engines:</p> <p>The incorporation of new standard of LPT stage 2 blades (Mod 6428) via SB Sp72-1064, has to be completed on 30 June 2010.</p>
<p>Ref. Publications:</p>	<p>Rolls-Royce Deutschland Service Bulletin Sp72-1064 Revision 2 or later approved revisions.</p>
<p>Remarks :</p>	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated the responsible EASA manager for the related product has the authority to accept Alternative Method of Compliance (AMOCs) for this AD. 2. This AD was posted as PAD 06-082 for consultation on 04 April 2006 with a comment period until 11 April 2006. The Comment Response Document can be found at http://www.easa.eu.int/home/aw_dir_en_html 3. Enquiries regarding this Airworthiness Directive should be referred to Mr. M. Capaccio, Airworthiness Directive Focal Point - Certification Directorate, EASA. E-mail: ADs@easa.eu.int 4. For any questions concerning the technical content of the requirements in this AD, please contact Rolls-Royce Deutschland Ltd & Co KG Service Engineering, Eschenweg 11, D-15827 Blankenfelde-Mahlow, Germany, Fax +49 (0) 33-708-63615