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| EASA | PROPOSED AIRWORTHINESS DIRECTIVE | |
|  | <p>PAD No : 06-082</p> <p>Date: 04/04/2006</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. | | SPEY 555, SPEY 506 |
| TCDS Number : LBA 6347, 6345 | | |
| Foreign AD :N/A | | |
| Supersedure : CAA UK AD 005-07-2000 | | |
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| ATA 72 | Engine – Low Pressure Turbine – Stage 2 Blades Modification | |
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| Manufacturer(s): | Rolls-Royce Deutschland Ltd. & Co. KG. | |
| 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 high rate 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: | Proposed 12 April 2006 | |
| Compliance: | <p>The incorporation of the new standard of LPT stage 2 blades (Mod 6428) via Service Bulletin Sp72-1064 R2 is required by this AD. All necessary actions must be performed according to Rolls-Royce Deutschland Service Bulletin Sp72-1064 Revision 2.</p> <p>Engines operated in a pre Sp72-1064 configuration, the LP speed restrictions stated in MCNO F28-008 issued by Fokker Services must be adhered to.</p> <p>For SPEY 555-15, SPEY 555-15H, SPEY 555-15N, SPEY 555-15P engines:</p> <p>The incorporation of new standard of LPT stage 2 blades (Mod 6428) via</p> | |

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| | <p>SB Sp72-1064 R2 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 R2, 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 R2, has to be completed on 30 June 2010.</p> |
| Ref. Publications: | Rolls-Royce Deutschland Service Bulletin Sp72-1064 Revision 2 |
| Remarks : | <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. The closing date for comments is 11 April 2006. 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 |