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| EASA | EMERGENCY AIRWORTHINESS DIRECTIVE |
|  | <p>AD No.: 2009-0273-E</p> <p>Date: 21 December 2009</p> <p>Note: This Emergency 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 AD applies, except in accordance with the requirements of that AD, 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>Type Approval Holder's Name : Rolls-Royce Deutschland Ltd & Co KG</p> | <p>Type/Model designation(s) : BR700-715 Turbine Engines</p> |
| <p>TCDS Number : EASA.E.023</p> | |
| <p>Foreign AD : Not applicable</p> | |
| <p>Supersedure: This AD supersedes EASA AD 2007-0050-E, dated 26 February 2007.</p> | |
| ATA 72 | Engine – High Pressure Compressor/Front Drum Assembly – Reduced Life Limit/Replacement |
| <p>Manufacturer(s): Rolls-Royce Deutschland Ltd & Co KG.</p> | |
| <p>Applicability:</p> | <p>All BR700-715A1-30, BR700-715B1-30 and BR700-715C1-30 Engines, all Serial Numbers</p> <p>These engines are known to be installed on, but not limited to Boeing 717 aeroplanes.</p> |
| <p>Reason:</p> | <p>Repair Scheme BRG3086 Issue 1 instructs the repair of the High Pressure (HP) Compressor Front Drum Assembly Damping Grooves. This repair has an influence on the life of the High Pressure (HP) Compressor Front Drum Assembly.</p> <p>EASA AD 2007-0050-E at original issue was issued to prevent HPC Front Drums exceeding their reduced declared safe cyclic lives, which could potentially result in a hazardous condition.</p> <p>This AD, which supersedes EASA AD 2007-0050-E is issued to change its applicability and to add the Engine Mission for C1-30 derated Design in accordance with Non-Modification Service Bulletin (NMSB) SB –BR700-72-A900437 revision 2.</p> |
| <p>Effective Date:</p> | <p>23 December 2009</p> |

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| <p>Required Action(s) and Compliance Time(s):</p> | <p>Required as indicated unless already accomplished:</p> <ul style="list-style-type: none"> • Within 14 days after the effective date of this AD: <ol style="list-style-type: none"> (1) Identify if the HP compressor rotor front disc assembly has been repaired in accordance with repair BRG 3086 Issue 1. (2) Identify the declared safe cycle life for each affected HP compressor rotor front disc assembly in accordance with table of paragraph 3 A of NMSB SB-BR700-72-A900437 revision 2. • Within 14 days after the effective date of this AD or prior to exceeding the life limit, whichever occurs later, remove each affected HP compressor rotor front disc assembly and replace with a new or serviceable HP compressor rotor front disc assembly. |
| <p>Ref. Publications:</p> | <p>Non-Modification Service Bulletin SB-BR700-72-A900437 revision 2 dated 17 September 2009.</p> |
| <p>Remarks :</p> | <ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. The safety assessment has requested not to implement the full consultation process and an immediate publication and notification. 3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA. E-mail ADs@easa.europa.eu. 4. For any questions concerning the technical content of the requirements in this AD, please contact: Rolls-Royce Deutschland Ltd & Co KG Eschenweg 11, D-15827 Blankenfelde-Mahlow, Germany Telephone: +49 (0) 33 7086 1768, Fax +49 (0) 33 7086 3356 |