


<b>EASA</b>	<b>NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE</b>
	<p><b>PAD No.: 13-163</b></p> <p><b>Date: 11 November 2013</b></p> <p>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.</p>
<p>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.</p>	
<p><b>Design Approval Holder's Name:</b></p> <p>Rolls-Royce Deutschland Ltd &amp; Co KG</p>	<p><b>Type/Model designation(s):</b></p> <p>BR700-710A2-20 and BR700-710C4-11 engines</p>
<p>TCDS Number: EASA.E.018</p>	
<p>Foreign AD: Not applicable</p>	
<p>Supersedure: None</p>	
<b>ATA 72</b>	<b>Engine – High Pressure Compressor and Combustion Fairings – Inspection / Replacement</b>
<p>Manufacturer(s): Rolls-Royce Deutschland Ltd &amp; Co KG (RRD)</p>	
Applicability:	<p>BR700-710A2-20 engines, manufacturer serial numbers (MSN) from 22138 through 22150 (inclusive).</p> <p>BR700-710C4-11 engines, MSN from 15887 through 15899 (inclusive), which have hardware configuration standard 710C4-11 engraved on the engine data plate (RRD Service Bulletin (SB) SB-BR700-72-101466 standard not incorporated).</p> <p>These engines are known to be installed on, but not limited to, Gulfstream GV-SP (G500, G550) and Bombardier BD-700-1A10, BD-700-1A11 series aeroplanes.</p>
Reason:	<p>The results of a recent production quality review revealed a possibility of installation on an engine of upper left high pressure compressor (HPC) fairings and upper left, upper right and lower right Combustion Section Fairings, having a potential profile non-conformity.</p> <p>This condition, if not detected and corrected, could lead to a gap between the HPC and Combustion Section Fairings, resulting in reduced engine fire extinguishing capability and, consequently, an uncontrolled nacelle fire.</p> <p>To address this potential unsafe condition, RRD issued Alert Non Modification Service Bulletin (NMSB) SB-BR700-72-A900297 to provide inspection and replacement instructions for HPC Fairings and NMSB SB-BR700-72-A900298 to provide instructions for Combustion Section Fairing replacement.</p> <p>For the reasons described above, this AD requires inspection of the upper left</p>

	HPC Fairing and, depending on findings, replacement with a serviceable part. In addition, this AD requires replacement of the upper left, upper right and lower right Combustion Section Fairings of affected engines with serviceable 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 500 engine flight hours (FH) after the effective date of this AD, or before release to service of an engine after an engine shop visit, whichever occurs first, inspect the upper left HPC Fairing in accordance with the accomplishment instructions of RRD NMSB SB-BR700-72-A900297.</li> <li>(2) If, during the inspection as required by paragraph (1) of this AD, an upper left HPC Fairing with a profile non-conformity, as specified in NMSB SB-BR700-72-A900297, is detected, before next flight, replace the upper left HPC Fairing with a serviceable part in accordance with accomplishment instructions of RRD NMSB SB-BR700-72-A900297.</li> </ol> <p><b>For BR700-710A2-20 engines with MSN 22138 and 22139 and BR700-710C4-11 engines with MSN from 15887 through 15891 (inclusive):</b></p> <ol style="list-style-type: none"> <li>(3) Within 500 engine FH after the effective date of this AD, or before release to service of an engine after an engine shop visit, whichever occurs first, replace an upper left, upper right and lower right Combustion Section Fairing with a serviceable part in accordance with the accomplishment instructions of RRD SB-BR700-72-A900298.</li> </ol>
Ref. Publications:	<p>RRD Alert NMSB SB-BR700-72-A900297 Initial Issue, dated 02 September 2013,</p> <p>RRD Alert NMSB SB-BR700-72-A900298 Initial Issue, dated 02 September 2013.</p> <p>The use of later approved revisions of these documents 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 09 December 2013.</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, Dahlewitz 15827 Blankenfelde-Mahlow Germany Telephone: +49 (0) 33 7086 1200 Fax: +49 (0) 33 7086 1212 E-mail: <a href="mailto:rrd.tech.help@rolls-royce.com">rrd.tech.help@rolls-royce.com</a>.</li> </ol>