


<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>
	<p><b>AD No.: 2014-0123</b></p> <p><b>Date: 15 May 2014</b></p> <p>Note: This 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 EU 748/2012, Part 21.A.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><b>Design Approval Holder's Name:</b></p> <p>ROLLS-ROYCE plc</p>	<p><b>Type/Model designation(s):</b></p> <p>RB211-535E4 engines</p>
TCDS Number:	EASA.E.061
Foreign AD:	Not applicable
Supersedure:	This AD supersedes CAA UK AD 007-10-97 dated October 1997.
<b>ATA 73</b>	<b>Engine – Low Pressure Fuel Filter to High Pressure Fuel Pump Tube Assembly – Replacement</b>
Manufacturer(s):	Rolls-Royce plc
Applicability:	<p>RB211-535E4-37, RB211-535E4-B-37 and RB211-535E4-C-37 engines, all serial numbers.</p> <p>These engines are known to be installed on, but not limited to, Boeing 757 series aeroplanes.</p>
Reason:	<p>Fuel leaks from the Low Pressure (LP) fuel tube assembly located between the LP fuel filter and High Pressure (HP) fuel pump were reported in service. All the reported leaks were from the LP fuel tube assembly to Rolls-Royce Service Bulletin (SB) 73-C297 standard. Embodiment of the latter was required by CAA UK AD 007-10-97.</p> <p>This condition, if not detected early enough or if not correctly managed, could lead to critical fuel unbalance or in-flight fuel starvation, possibly resulting in reduced control of the aeroplane.</p> <p>In order to address this potential unsafe condition, as a precautionary measure to mitigate the risk of critical fuel unbalance and in-flight fuel starvation, this AD supersedes CAA UK AD 007-10-97 and requires installation of a rigid fuel tube between the LP fuel filter and the HP fuel pump.</p> <p>This AD also prohibits, after modification of an engine, (re-)installation of earlier LP fuel filter to HP fuel pump tube standards.</p>
Effective Date:	29 May 2014

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <p>(1) Within the compliance time specified in Table 1 of this AD, as applicable, replace the P/N 163521545 and P/N 163521538 fuel tubes in accordance with the instructions of Section 3 of Rolls-Royce SB RB.211-73-H131.</p> <p>Table 1 - LP Fuel Filter to HP Fuel Pump Tube Replacement</p> <table border="1" data-bbox="568 387 1445 622"> <thead> <tr> <th colspan="2">Compliance Time (whichever occurs first after the effective date of this AD, <b>A</b> or <b>B</b>)</th></tr> </thead> <tbody> <tr> <td><b>A</b></td><td>On-wing, during the next occasion when the part requires removal because of its condition, or during accomplishment of the instructions of Rolls-Royce SB RB.211-73-E355</td></tr> <tr> <td><b>B</b></td><td>During the next shop visit</td></tr> </tbody> </table> <p>(2) After modification of an engine as required by paragraph (1) of this AD, do not install a P/N 163521545 or P/N 163521538 LP fuel filter to HP fuel pump tube on that engine.</p>	Compliance Time (whichever occurs first after the effective date of this AD, <b>A</b> or <b>B</b> )		<b>A</b>	On-wing, during the next occasion when the part requires removal because of its condition, or during accomplishment of the instructions of Rolls-Royce SB RB.211-73-E355	<b>B</b>	During the next shop visit
Compliance Time (whichever occurs first after the effective date of this AD, <b>A</b> or <b>B</b> )							
<b>A</b>	On-wing, during the next occasion when the part requires removal because of its condition, or during accomplishment of the instructions of Rolls-Royce SB RB.211-73-E355						
<b>B</b>	During the next shop visit						
<p>Ref. Publications:</p>	<p>Rolls-Royce SB RB.211-73-H131 dated 10 May 2013.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>						
<p>Remarks:</p>	<ol style="list-style-type: none"> <li>1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.</li> <li>2. This AD was posted on 08 April 2014 as PAD 14-068 for consultation until 06 May 2014. The Comment Response Document can be found at <a href="http://ad.easa.europa.eu/">http://ad.easa.europa.eu/</a>.</li> <li>3. Enquiries regarding this AD 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>4. For any question concerning the technical content of the requirements in this AD, please contact your designated Rolls-Royce representative, or download the publication from your Aeromanager account at <a href="http://www.aeromanager.com">www.aeromanager.com</a>.</li> </ol> <p>If you do not have a designated representative or Aeromanager account, please contact <b>Corporate Communications</b> at <b>Rolls-Royce plc</b>, P.O. Box 31, Derby, DE24 8BJ, United Kingdom. Telephone: +44 (0)1332 242424, or e-mail from <a href="http://www.rolls-royce.com/contact/civil_team.jsp">http://www.rolls-royce.com/contact/civil_team.jsp</a> identifying the correspondence as being related to <b>Airworthiness Directives</b>.</p>						