



Airworthiness Directive

D-2005-221R1

Luffahrt-Bundesamt

Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
GERMANY

This Airworthiness Directive supersedes the LBA-Airworthiness Directive D-2005-221, of 17 June 2005

Rolls-Royce Deutschland

Effective Date: 20 September 2005

Affected:

Kind of aeronautical product: Aircraft Engine
Manufacturer: Rolls-Royce Deutschland Ltd & Co KG, Dahlewitz, Germany
Type: BR700-715
Models affected: BR700-715A1-30, BR700-715B1-30 and BR700-715C1-30
Serial Numbers affected: All engine serial numbers (S/N) which have an Independent Overspeed Protection (IOP) unit with the part number (P/N) 112E9321G2 and the serial numbers LHBR0371 to LHBR0389 installed
German Type Certificate No.: 6336

Subject:

Replacement of Independent Overspeed Protection (IOP) units with an incorrect capacitor.

Reason:

The manufacturer has been informed by the supplier of the Independent Overspeed Protection (IOP) unit that incorrect capacitors have been installed in some IOP units with the part number (P/N) 112E9321G2. The incorrect capacitor in the IOP unit can lead to an inadvertent IOP command and consequently to an in-flight-shutdown. The actions specified by this Airworthiness Directive are intended to prevent the mentioned malfunction of the IOP unit which could lead to an in-flight-shutdown. In the meantime the Luftfahrt-Bundesamt has been informed by Rolls-Royce Deutschland that all affected Independent Overspeed Protection (IOP) units have been replaced.

Action:

No further actions are required, since all affected Independent Overspeed Protection (IOP) units have been replaced.

Compliance:

The airworthiness directive D-2005-221 has been cancelled with immediate effect.

Technical publication of the manufacturer:

Rolls-Royce Service Bulletin SB-BR700-73-A900371, Revision 1, of 15 August 2005. This Service Bulletin becomes herewith part of this AD and can be obtained from:

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EASA-Approval

Approved by the European Aviation Safety Agency (EASA) under approval number 2005-6249 on 20 September 2005.