EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2013-0229R1 **Date: 21 November 2013** 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.

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].

Design Approval Holder's Name:	**Type/Model designation(s):**
ROLLS-ROYCE DEUTSCHLAND Ltd & Co KG	BR700-725A1-12 engines

TCDS Number:	EASA.E.018
Foreign AD:	Not applicable
Revision:	This AD revises EASA AD 2013-0229 dated 23 September 2013.

ATA 73	**Engine Fuel and Control – Fuel Metering Unit – Replacement**
Manufacturer(s):	Rolls-Royce Deutschland Ltd & Co KG (RRD)
Applicability:	BR700-725A1-12 engines, all serial numbers. These engines are known to be installed on, but not limited to, Gulfstream GVI (commercial designation G650) aeroplanes.
Reason:	Occurrences have been reported of finding wear on the receptors of the double ended unions in the Fuel Metering Unit (FMU) housing on BR700-725A1-12 engines. This condition, if not corrected, could lead to fuel leak resulting in engine in-flight shutdown and consequent reduced control of the aeroplane. To address this potential unsafe condition, RRD issued Alert Non-Modification Service Bulletin (NMSB) SB-BR700-73-A900309, providing instructions for FMU replacement in accordance with revised installation procedure. For the reasons described above, this AD requires repetitive replacement of the FMU and prohibits installation of FMU with Part Number (P/N) G3000FMU02. This AD is revised to extend the definition of serviceable FMU units qualified for installation on an engine.
Effective Date:	Revision 1: 21 November 2013 Original issue: 07 October 2013

Revised

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Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: Note: For the purpose of this AD, a serviceable FMU is a FMU with P/N G3000FMU03 having accumulated less than 650 flight hours (FH) since first installation on an aeroplane, or since last rework in accordance with RRD NMSB SB-BR700-73-A900309 at Revision 1 or later approved revisions, as applicable. (1) Before exceeding 650 FH accumulated by the FMU (see Note above), or within 30 days after 07 October 2013 [the effective date of the original issue of this AD], whichever occurs later, replace each FMU P/N G3000FMU02 and P/N G3000FMU03 with a serviceable FMU in accordance with the instructions of RRD Alert NMSB SB-BR700-73-A900309. (2) Thereafter, at intervals not to exceed 650 FH accumulated by the FMU (see Note above), replace each FMU with a serviceable FMU in accordance with the instructions of RRD Alert NMSB SB-BR700-73-A900309. (3) From 07 October 2013 [the effective date of the original issue of this AD], do not install a FMU P/N G3000FMU02 on an engine, or an engine with FMU P/N G3000FMU02 installed on an aeroplane.
Ref. Publications:	RRD Alert NMSB SB-BR700-73-A900309 Initial Issue dated 24 July 2013 or Revision 1 dated 8 November 2013. The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.
Remarks:	1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. Based on the required actions and the compliance time, EASA have decided to issue a Final AD with Request for Comments, postponing the public consultation process until after publication. 3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: ADs@easa.europa.eu. 4. For any question concerning the technical content of the requirements in this AD, please contact: Rolls-Royce Deutschland Ltd & Co KG, Eschenweg 11, Dahlewitz 15827 Blankenfelde-Mahlow, Germany Telephone: +49 (0) 33 7086 1200 Fax: +49 (0) 33 7086 1212 E-mail: RRDTechnicalHelpdesk@Rolls-Royce.com.

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