

Datum der Bekanntgabe: 08.10.2009

Muster: BAE Systems (Operations) Ltd.
BAe 146 / AVRO 146-RJ

AD der ausländischen Behörde:
EASA AD 2009-0205 vom 30.09.2009

Geräte-Nr.:
2852, EASA.A.182

Technische Mitteilungen des Herstellers:
BAE Systems Modification Service Bulletin SB.27-183-36246A
vom 09.12.2008

Betroffenes Luftfahrtgerät:

BAE Systems (Operations) Ltd.
BAe 146 / AVRO 146-RJ

- **Baureihen:** Alle

- **Werk-Nrn.:** Alle

Betrifft:

(ATA 27) Flight Controls - Aileron Interconnect Cable Pulley Guards - Installation

Maßnahmen:

Detaillierte Informationen über die durchzuführenden Maßnahmen sind der oben genannten EASA Airworthiness Directive und der genannten technischen Mitteilung des Herstellers zu entnehmen. Alle erforderlichen Maßnahmen zur Abstellung des technischen Mangels müssen ordnungsgemäß, vollständig und innerhalb der vorgesehenen Fristen auf Basis der genannten Bezugsdokumente durchgeführt werden. Alle Abweichungen von den Maßnahmen und Fristen dieser Lufttüchtigkeitsanweisung bedürfen der vorherigen Zustimmung durch das Luftfahrt-Bundesamt.

Fristen:

Alle anzuwendenden Fristen sind der oben genannten EASA Airworthiness Directive zu entnehmen. Die Laufzeit aller anzuwendenden Fristen beginnt mit dem Datum der Inkraftsetzung der genannten EASA Airworthiness Directive.


Diese Lufttüchtigkeitsanweisung entspricht hinsichtlich der durchzuführenden Maßnahmen und Fristen der EASA AD 2009-0205 vom 30.09.2009

Durch die vorgenannten Mängel ist die Lufttüchtigkeit des Luftfahrtgerätes derart beeinträchtigt, daß es nach Ablauf der genannten Fristen nur in Betrieb genommen werden darf, wenn die angeordneten Maßnahmen ordnungsgemäß durchgeführt worden sind. Im Interesse der Sicherheit des Luftverkehrs, das in diesem Fall das Interesse des Adressaten am Aufschub der angeordneten Maßnahmen überwiegt, ist es erforderlich, die sofortige Vollziehung dieser LTA anzuordnen.

Rechtsbehelfsbelehrung:

Gegen diese Verfügung kann innerhalb eines Monats nach Bekanntgabe Widerspruch eingelegt werden. Der Widerspruch ist schriftlich oder zur Niederschrift beim Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig einzulegen.

LTA's werden auch im Internet unter <http://www.lba.de> publiziert

EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2009-0205</p> <p>Date: 30 September 2009</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 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>		
Type Approval Holder's Name :		Type/Model designation(s) :
BAE Systems (Operations) Ltd		BAe 146 and AVRO 146-RJ aeroplanes
TCDS Number :	EASA.A.182	
Foreign AD :	Not applicable	
Supersedure :	None	
ATA 27	Flight Controls – Aileron Interconnect Cable Pulley Guards – Installation	
Manufacturer(s):	BAE Systems (Operations) Ltd, British Aerospace plc, British Aerospace (Commercial Aircraft) Ltd, British Aerospace (Operations) Ltd, British Aerospace Regional Aircraft Ltd, British Aerospace Regional Aircraft trading as Avro International Aerospace.	
Applicability:	BAe 146 and AVRO 146-RJ aeroplanes, all models, all serial numbers.	
Reason:	<p>Three events have been reported where insulation material was found to be fouling pulleys in the aileron interconnect circuit in the cabin roof area. The insulation material is contained in a bag, the material of which tends to become brittle with age. During the production life of the aeroplane type, several methods of bag retention were applied, all of which involved puncturing the bag. This puncture tends to result in a tear, which, if detected in time, can be repaired with tape; however, the affected cabin roof area is not frequently accessed for inspection. Over time, the weight of the bag also tends to cause tears in the material, making the insulation material sag, thereby causing interference with the cable and pulley.</p> <p>Interference between the cable and the insulation bag causes the material to be drawn into the gap between the pulley and the pulley guard. This condition, if not detected and corrected, could lead to restricted aileron movement and consequently, reduced control of the aeroplane.</p> <p>For the reasons described above, this AD requires the installation of additional guards, bolts and nuts on the aileron interconnect cable pulleys at frame 29 (left and right).</p>	
Effective Date:	14 October 2009	

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <p>Within the next 6 months after the effective date of this AD, install new aileron interconnect cable pulley guards in accordance with Section 2 Accomplishment Instructions of BAE Systems Modification Service Bulletin SB.27-183-36246A.</p>
<p>Ref. Publications:</p>	<p>BAE Systems (Operations) Limited Modification Service Bulletin SB.27-183-36246A dated 09 December 2008 (Initial Issue).</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"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 27 August 2009 as PAD 09-106 for consultation until 24 September 2009. No comments were received during the consultation period. 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 question concerning the technical content of the requirements in this AD, please contact: BAE Systems (Operations) Ltd, Customer Information Department, Prestwick International Airport, Ayrshire, KA9 2RW, Scotland, United Kingdom; Telephone +44 1292 675207, Facsimile +44 1292 675704; E-mail: RApublications@baesystems.com