


EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2012-0004</p> <p>Date: 12 January 2012</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 Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive 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>Type Approval Holder's Name :</p> <p>BAE Systems (Operations) Ltd</p>	<p>Type/Model designation(s) :</p> <p>BAe 146 and AVRO 146-RJ aeroplanes</p>	
<p>TCDS Number:</p>	<p>EASA.A.182</p>	
<p>Foreign AD:</p>	<p>Not applicable</p>	
<p>Supersedure:</p>	<p>This AD supersedes EASA AD 2011-0048 dated 18 March 2011 including its Correction dated 23 March 2011.</p>	
<p>ATA 05</p>	<p>Time Limits / Maintenance Checks - Airworthiness Limitations - Amendment / Implementation</p>	
<p>Manufacturer(s):</p>	<p>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.</p>	
<p>Applicability:</p>	<p>BAe 146 and AVRO 146-RJ aeroplanes, all models, all serial numbers.</p>	
<p>Reason:</p>	<p>The BAe 146 / AVRO 146-RJ Aircraft Maintenance Manual (AMM) includes the Chapters as listed in Appendix 1 of this AD. Compliance with these chapters has been identified as a mandatory action for continued airworthiness and EASA AD 2011-0048 was issued to require operators to comply with those instructions.</p> <p>Since the issuance of EASA AD 2011-0048, BAE Systems (Operations) Ltd has amended Chapter 05-10-15 of the AMM by introducing reduced safe lives on nine serialised Nose Landing Gear (NLG) fittings. In addition, Chapter 05-10-15 of the AMM has been amended to redefine the operating time of the aileron- and elevator dampers. Chapters 05-20-02 and 05-20-05 of the AMM have been amended to refer to the new Revision 4 of the CPCP.</p> <p>Failure to comply with these instructions could result in an unsafe condition.</p> <p>For the reasons described above, this EASA AD retains the requirements of EASA AD 2011-0048, which is superseded, and requires the implementation of the new or more restrictive maintenance requirements and/or airworthiness limitations as specified in the sub-chapters of Chapter 05 of the AMM at Revision 105, as listed in Appendix 1 of this AD.</p>	
<p>Effective Date:</p>	<p>26 January 2012</p>	

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless previously accomplished:</p> <p>(1) Within the compliance times specified in the BAe 146 / Avro 146-RJ AMM at Revision 105, accomplish all applicable airworthiness limitations and maintenance requirements included in the sub-chapters of that document as listed in Appendix 1 of this AD.</p> <p>(2) Compliance with the requirements of paragraph (1) of this AD can be demonstrated by:</p> <p>(2.1) Revising as follows, unless accomplished previously, the approved Aircraft Maintenance Programme on the basis of which the operator or the owner ensures the continuing airworthiness of each operated aeroplane:</p> <p>Incorporate applicable maintenance requirements and associated airworthiness limitations included in the sub-chapters of the AMM at Revision 105 listed in Appendix 1 of this AD, and,</p> <p>(2.2) Complying with the approved Aircraft Maintenance Programme described in paragraph (2.1) of this AD.</p>
<p>Ref. Publications:</p>	<p>BAE Systems (Operations) Limited BAe 146/AVRO 146-RJ AMM Chapters 05-10, 05-15 and 05-20 at Revision 105, dated 15 July 2011.</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>	<p>1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.</p> <p>2. This AD was posted on 08 December 2011 as PAD 11-132 for consultation until 05 January 2012. No comments were received during the consultation period.</p> <p>3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail ADs@easa.europa.eu.</p> <p>4. For any question concerning the technical content of the requirements in this PAD, 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: Rpublications@baesystems.com.</p>

Appendix 1

Sub-chapter	Subject
05-10-01	Airframe Airworthiness Limitations before Life Extension Programme
05-10-05 *	Airframe Airworthiness Limitations, Life Extension Programme - Landings Life Extended
05-10-10 **	Airframe Airworthiness Limitations, Life Extension Programme - Calendar Life Extended
05-10-15	Aircraft Equipment - Airworthiness Limitations
05-10-17	Power Plant - Airworthiness Limitations
05-15-00	Critical Design Configuration Control Limitations (CDCCL) - Fuel System Description and Operation
05-20-00	Scheduled Maintenance, paragraphs 5 and 6 only, on the Corrosion Prevention and Control Programme (CPCP) and the Supplemental Structural Inspection Document (SSID)
05-20-01	Airframe Scheduled Maintenance – Before Life Extension Programme (MRBR Section 6)
05-20-05 *	Airframe Scheduled Maintenance, Life Extension Programme Landings Life Extended
05-20-10 **	Airframe Scheduled Maintenance, Life Extension Programme Calendar Life Extended
05-20-15	Aircraft Equipment Scheduled Maintenance

* Applicable only to aeroplanes post-modification HCM20011A or HCM20012A or HCM20013A.

** Applicable only to aeroplanes post-modification HCM20010A.

Note 1: Within sub-chapter 05-20-00, the relevant issues of the supporting documents are:

- CPCP Document No. CPCP-146-01, Revision 4 dated 15 September 2010.
- SSID Document No. SSID-146-01/02/03, Original Issue dated 12 July 2006.

Note 2: Within sub-chapter 05-20-01, the relevant issue of the supporting document is MRBR Document No. MRB 146-01, Issue 2 Revision 17 dated March 2011.