


EASA	NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE
	<p>PAD No.: 11-101</p> <p>Date: 23 September 2011</p> <p>Note: This Proposed Airworthiness Directive (PAD) 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>In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below. All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation closing date indicated.</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: EASA.A.182</p>	
<p>Foreign AD: Not applicable</p>	
<p>Supersedure: None</p>	
ATA 29	Hydraulics – Hydraulic Fluid Containment System – 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 series aeroplanes, all models, all serial numbers, except aeroplanes not carrying passengers.
Reason:	<p>Cases of hydraulic pipe ruptures in the centre of the cabin of BAe 146 aeroplanes have been reported, which have resulted in the passengers being contaminated with hydraulic fluid. The results of the investigations have shown that the pipe failures were caused by a combination of seam welded pipes, bends in the pipe runs with small bend radii and fatigue damage due to pressure variations.</p> <p>This condition, if not corrected, could lead to harmful or hazardous concentrations of hydraulic fluid or hydraulic vapour entering the passenger compartment, possibly resulting in injury to the occupants.</p> <p>For the reasons described above, this AD requires the installation of a flexible envelope around the hydraulic pipe group where the failures have occurred to capture and contain any fluid escaping from a burst pipe and channel it below floor level into the forward cargo bay.</p>
Effective Date:	[TBD: 14 days after final AD issue date]

<p>Required action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> (1) Within 4 000 flight hours or 14 months after the effective date of this AD, whichever occurs first, install the hydraulic fluid containment system in accordance with the accomplishment instructions of of BAE Systems (Operations) Ltd Service Bulletin (SB) 29-048-30676A Revision 2. (2) Installation of the hydraulic fluid containment system before the effective date of this AD in accordance with the accomplishment instructions of BAE Systems (Operations) Ltd SB.29-048-30676A Original issue and/or Revision 1 is acceptable to comply with the requirements of this AD.
<p>Ref. Publications:</p>	<p>BAE Systems (Operations) Limited Modification Service Bulletin SB.29-048-30676A Revision 2 dated 23 December 2010</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. This Proposed AD will be closed for consultation on 21 October 2011. 2. Enquiries regarding this PAD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail ADs@easa.europa.eu. 3. For any questions 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: RApublications@baesystems.com