

EASA	NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE	
	<p>PAD No.: 10-111</p> <p>Date: 22 October 2010</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>		
Type Approval Holder's Name:		Type/Model designation(s):
BAE SYSTEMS (OPERATIONS) LTD		ATP and HS 748 aeroplanes
TCDS Number: EASA.A.192 and EASA.A.397		
Foreign AD: Not applicable		
Supersedure: None		
ATA 27	Flight Controls - Control Column Lower Aileron Chain Drives - Modification	
Manufacturer(s):	British Aerospace plc, British Aerospace (Commercial Aircraft) Ltd, Hawker Siddeley Aviation Ltd	
Applicability:	ATP aeroplanes, all serial numbers. HS 748 aeroplanes, all model, all serial numbers.	
Reason:	<p>BAE Systems (Operations) Limited has been informed by an ATP operator of a loss of roll control from one control column. This incident was discovered whilst the aircraft was on the ground.</p> <p>The investigation has shown that the aileron sprocket and pulley in the lower part of the control column separated, thus losing drive to the ailerons from that control column. This separation occurred because the wirelocking arrangement on the shaft at the base of the control column did not prevent the locknut from loosening allowing the control chain sprocket to migrate out of engagement with the output quadrant.</p> <p>The design of this circuit is common to both the HS 748 and the ATP aeroplanes.</p> <p>This condition if not corrected, could result in the loss of the pilot's and/or co-pilot's aileron control system and consequently reduce the controllability of the aeroplane.</p> <p>For the reasons described above, this AD requires a modification of the lower aileron chain drive sprocket to both left and right control columns.</p>	

Effective Date:	[TBD: 14 days after final AD issue date]
Required action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <p>Within 6 months after the effective date of this AD, install the new distance tubes, retainers and washers to both left and right spindles of the control column lower aileron chain drives in accordance with paragraph 2. of BAE Systems (Operations) Limited (SB) ATP-27-091 or BAE SYSTEMS HS748-27-137, as applicable to aeroplane type.</p>
Ref. Publications:	<p>BAE Systems (Operations) Limited Service Bulletin ATP-27-091 Original Issue dated 6 January 2010.</p> <p>BAE SYSTEMS Service Bulletin HS748-27-137 Original Issue dated 3 May 2010.</p> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p>
Remarks:	<ol style="list-style-type: none"> 1. This Proposed AD will be closed for consultation on 19 November 2010. 2. Enquiries regarding this PAD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification 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.