


EASA	AIRWORTHINESS DIRECTIVE	
	AD No.: 2014-0035	
	Date: 11 February 2014	
<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 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].</p>		
Design Approval Holder's Name: BAE SYSTEMS (OPERATIONS) LTD		Type/Model designation(s): ATP aeroplanes
TCDS Number:	EASA.A.192	
Foreign AD:	Not applicable	
Supersedure:	None	
ATA 24	Electrical Power – Brandenburg Static Inverter Power Supply – Modification	
Manufacturer(s):	British Aerospace plc, British Aerospace (Commercial Aircraft) Ltd.	
Applicability:	All ATP aeroplanes, all serial numbers, except aeroplanes modified in accordance with BAE Systems (Operations) Ltd modification (mod) JDM10077A to fit Leland Static Inverters.	
Reason:	<p>A report was received of an ATP aeroplane which experienced a loss of power supply to all Electronic Flight Instrument System (EFIS) screens during take-off. The subsequent investigation results revealed that an internal fault of the control circuit of one of two Brandenburg static inverters may disengage a common circuit breaker, shared with the other inverter, resulting in both inverters going off-line and loss of the EFIS displays.</p> <p>This condition, if not corrected, could lead to loss of flight information display, possibly resulting in reduced control of the aeroplane.</p> <p>To address this potential unsafe condition, BAE Systems (Operations) Ltd issued Service Bulletin (SB) ATP-24-072.</p> <p>For the reasons described above, this AD requires a wiring modification of the power supply of each Brandenburg static inverter.</p>	
Effective Date:	25 February 2014	

<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 6 months after the effective date of this AD, modify the power supply wiring of each Brandenburg static inverter in accordance with the instructions of paragraph 2.B. or 2.C of BAE Systems (Operations) Ltd SB ATP-24-072 Revision 1, as applicable to aeroplane configuration. (2) Modification of an aeroplane before the effective date of this AD, in accordance with the instructions of BAE Systems (Operations) Ltd SB ATP-24-072 at original issue, is acceptable to comply with the requirements of paragraph (1) of this AD.
<p>Ref. Publications:</p>	<p>BAE Systems (Operations) Ltd SB ATP-24-072 original issue dated 14 December 2012, or Revision 1 dated 14 March 2013.</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 09 January 2014 as PAD 14-006 for consultation until 06 February 2014. No comments were received during the consultation period. 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: BAE Systems (Operations) Ltd, Customer Information Department, Prestwick International Airport, Ayrshire, KA9 2RW, Scotland, The United Kingdom; Telephone +44 1292 675207, Facsimile +44 1292 675704; E-mail: RAPublications@baesystems.com.