


EASA	AIRWORTHINESS DIRECTIVE	
	AD No.: 2008-0094	
	Date: 16 May 2008 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.	
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].		
Type Approval Holder's Name : BAE Systems (Operations) Ltd	Type/Model designation(s) : Jetstream 4100 aircraft	
TCDS Number:	United Kingdom BA27	
Foreign AD:	Not applicable	
Supersedure:	This AD supersedes EASA AD 2006-0088 dated 16 April 2006.	
ATA 05	Time Limits / Maintenance Checks – Airworthiness Limitations – Implementation	
Manufacturer(s):	Jetstream Aircraft Ltd, British Aerospace Regional Aircraft Ltd, British Aerospace (Operations) Ltd and British Aerospace (Commercial Aircraft) Ltd.	
Applicability:	Jetstream 4100 aircraft, all models, all serial numbers.	
Reason:	<p>The Jetstream 4100 (J41) Aircraft Maintenance Manual (AMM) includes Chapters 05-10-10 "Airworthiness Limitations" and 05-10-20 "Certification Maintenance Requirements", which have been identified as requirements for continued airworthiness. BAE Systems (Operations) Limited has amended the AMM to include revisions to Chapter 05-10-10.</p> <p>As a consequence of the assessment of fuel tank wiring installations required by SFAR 88 and equivalent JAA/EASA policy, BAE Systems (Operations) Limited has amended the J41 AMM to include a new Chapter 05-10-30 "Critical Design Configuration Control Limitations (CDCCL) – Fuel System". The CDCCLs provide instructions to retain critical ignition source prevention features during configuration changes that may be caused by modification, repair or maintenance actions. CDCCLs have been identified as requirements for continued airworthiness to address the risk of fuel vapour ignition sources remaining undetected. This condition, if not corrected, could result in a fuel tank explosion and consequent loss of the aircraft.</p> <p>For the reasons described above, this EASA AD retains the requirements of EASA AD 2006-0088, which is superseded, and requires the implementation of the inspections and corrective measures as specified in Chapters 05-10-10, 05-10-20 and 05-10-30 of the J41 AMM at Revision 29.</p>	
Effective Date:	30 May 2008	

Required action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <p>(1) Within the next 3 months after the effective date of this AD, amend the approved aircraft maintenance programme to incorporate the instructions of J41 AMM Chapters 05-10-10 "Airworthiness Limitations", 05-10-20 "Certification Maintenance Requirements" and 05-10-30 "Critical Design Configuration Control Limitations (CDCCL) – Fuel System" at AMM Revision 29.</p> <p>(2) Thereafter, within the thresholds and intervals indicated in that document, accomplish the tasks described in J41 AMM Chapters 05-10-10, 05-10-20 and 05-10-30.</p>
Ref. Publications:	<p>BAE Systems (Operations) Limited J41 AMM, Chapters 05-10-10, 05-10-20 and 05-10-30 at Revision 29 dated 15 February 2008.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
Remarks :	<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 16 April 2008 as PA 08-08 for consultation until 14 May 2008. 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 questions 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: RAAdirectives@baesystems.com

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