


EASA	PROPOSED AIRWORTHINESS DIRECTIVE	
	<p>PAD No : 07-172</p> <p>Date: 20 September 2007</p>	
No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive unless otherwise agreed with the Authority of the State of Registry.		
Type Approval Holder's Name:		Type/Model designation(s):
BAE SYSTEMS (OPERATIONS) LTD		Jetstream 4100 Series aircraft
TCDS Number: United Kingdom No. BA 27		
Foreign AD: Not applicable		
Supersedure: None		
ATA 11	Placards & Markings – Propeller Limitations Placard – Replacement	
Manufacturer(s):	Jetstream Aircraft Ltd, British Aerospace Regional Aircraft Ltd and British Aerospace (Operations) Ltd.	
Applicability:	Jetstream 4100 Series aircraft, all models, all serial numbers	
Reason:	<p>Cracks have been found in the propeller blades and propeller hubs, for which on-going controlling actions issued by the propeller TC holder (McCauley Propeller Systems) have been mandated by FAA Airworthiness Directive (AD) action.</p> <p>Current FAA ADs related to this subject are 2003-17-10 (which superseded AD 2003-15-01), 2004-23-16, 2005-24-08 and 2006-15-13.</p> <p>Cracking of the blade or hub can ultimately lead to blade release with potentially catastrophic consequences. BAE Systems has concluded that safety margins can be further improved by introducing operating limitations that will prevent damaging stresses in the propeller assembly, instructing flight crews to place the propeller condition levers in the Flight position during all ground manoeuvring.</p> <p>EASA concurs with this conclusion and this AD therefore requires the replacement of the Propeller Limitations Placard with a new one.</p>	
Effective Date:	[TBD: 14 days after final AD issue date]	

Compliance	<p>Required as indicated, unless accomplished previously:</p> <p>Within the next 3 months after the effective date of this directive:</p> <p>(1) Replace the existing Propeller Limitations Placard in the cockpit in accordance with BAE Systems Service Bulletin J41-11-027 Original Issue or later approved revision; and</p> <p>(2) Ensure that the Aircraft Flight Manual contains General Amendment G12 and Advance Amendment Bulletin No. 13.</p>
Ref. Publications:	BAE SYSTEMS (Operations) Limited Service Bulletin J41-11-027 Original Issue or later approved revisions.
Remarks:	<p>1. If requested and appropriately substantiated, EASA can accept Alternative Methods of Compliance for this AD.</p> <p>2. Closing date for comment is 04 October 2007.</p> <p>3. Enquiries regarding this AD should be referred to the AD Focal Point – Certification Directorate, EASA, E-mail: ADs@easa.eu.int.</p> <p>4. For any questions concerning the technical content of the requirements in this AD, please contact: BAE SYSTEMS (OPERATIONS), Project Management Group, Customer Information Department, Prestwick International Airport, Ayrshire, KA9 2RW, Scotland. Telephone: +44 1292 675207, Fax: +44 1292 675704, E-mail: RApublications@baesystems.com</p>