AIRWORTHINESS DIRECTIVE

On the effective date specified below, and for the reasons set out in the background section, the CASA delegate whose signature appears below revokes Airworthiness Directive (AD) AD/BAe 146/116 and issues the following AD under subregulation 39.001(1) of CASR 1998. The AD requires that the action set out in the requirement section (being action that the delegate considers necessary to correct the unsafe condition) be taken in relation to the aircraft or aeronautical product mentioned in the applicability section: (a) in the circumstances mentioned in the requirement section; and (b) in accordance with the instructions set out in the requirement section; and (c) at the time mentioned in the compliance section.

British Aerospace BAe 146 Series Aeroplanes

AD/BAe 146/116 Fuselage Door Frames 7/2008 Amdt 1

Applicability: All Model BAe 146 and AVRO 146-RJ series aircraft, all serial numbers.

Requirement: Action in accordance with the requirements of EASA AD 2008-0092 R1.

Note: BAE Systems (Operations) Limited ISB 53-182 original issue, and Revision 1, or later EASA approved revision, refer.

Compliance: As specified in the Requirement document, with a revised effective date of 3 July 2008.

This Amendment becomes effective on 3 July 2008.

Background: The manufacturer has determined that, in order to assure the continued structural integrity of the fuselage frames 15, 18, 41, and 43 of the BAe 146 and AVRO 146-RJ aircraft, a revised inspection programme for this area is necessary. Cracking, if undetected could lead to catastrophic structural failure.

Amendment 1 is issued in response to a new, revised EASA AD, which retains the inspections, repair and rework requirements of UK CAA AD G-2005-0019; requires the additional accomplishment of ISB 53-182 Revision 1. This revision to the ISB adds an eddy current inspection of the frame outer flanges and door hinge bosses which have also been found to be susceptible to corrosion.

David Villiers
Delegate of the Civil Aviation Safety Authority

22 May 2008