



United Kingdom Civil Aviation Authority

AIRWORTHINESS DIRECTIVE

AD No: G-2005-0019

Issue Date: 6 July 2005

This AD is issued by the UK CAA acting for and on behalf of the European Aviation Safety Agency as the Primary Aviation Authority (ICAO Annex 8 Authority of State of Design) for the affected product(s).

Approved by the European Aviation Safety Agency under approval number 2005-6048 on 6 July 2005.

In accordance with Article 9(7)(b) of the Air Navigation Order 2000 as amended the following action required by this Airworthiness Directive (AD) is mandatory for applicable aircraft registered in the United Kingdom.

No person may operate an aircraft to which an AD applies except in accordance with the requirements of that AD unless otherwise agreed with the Authority of the State of Registry.

Type Approval Holders Name:

BAE SYSTEMS (OPERATIONS) LIMITED

Type/Model Designation(s):

BAE 146 AND AVRO 146-R

Type Certificate Data Sheet No: BA16

Superseded/ Revised ADs: None

ATA 53 – FUSELAGE – DOOR FRAME – INSPECTION

Manufacturer(s): BAe Systems (Operations) Ltd, British Aerospace (Commercial Aircraft) Ltd, British Aerospace (Operations) Ltd, British Aerospace plc, British Aerospace Regional Aircraft Ltd, British Aerospace Regional Aircraft Ltd trading as Avro International Aerospace.

Applicability: All Models BAe 146 and AVRO 146-RJ series aeroplanes.

Reason: 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 considered necessary. Cracking, if undetected could lead to catastrophic structural failure. This AD mandates revised inspection tasks and provides acceptable grace periods for aircraft that are approaching, or have exceeded the new inspection thresholds.

Effective Date: 29 July 2005

Compliance/Action: From the effective date of this AD, perform the inspections at the thresholds and intervals specified in BAE Systems (Operations) Ltd Service Bulletin ISB 53-182 initial issue, FUSELAGE- To Inspect For Evidence Of Corrosion At Inboard Flange And Web / Flanges of Frames 15, 18, 41 and 43 or later EASA approved revision.

Note: When the grace periods detailed in Table 1 of BAE Systems (Operations) Ltd Service Bulletin ISB 53-182 commence from the initial issue date of the Service Bulletin (16 March 2005), for the purposes of this AD the allowable grace periods commence from the effective date of this AD.

Reference Publications: BAE Systems (Operations) Ltd Service Bulletins may be obtained from Project Management Group, Customer Information Department, BAE Systems (Operations) Ltd, Prestwick International Airport, Ayrshire, KA9 2RW, Scotland. Telephone: +44 (0) 1292 675207 Facsimile: +44 (0) 1292 675704 E-mail: RApublications@baesystems.com

Remarks: Enquiries regarding this Directive should be referred to Certification and Approvals Department, Civil Aviation Authority, Safety Regulation Group, Aviation House, Gatwick Airport South, West Sussex, RH6 0YR, United Kingdom. Telephone: +44 (0) 1293 573315 Facsimile: +44 (0) 1293 573976 E-mail: Department.Certification@srg.caa.co.uk