



# United Kingdom Civil Aviation Authority

## AIRWORTHINESS DIRECTIVE

**AD No: G-2005-0020**

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 2005-6047 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:

Type/Model Designation(s):

**BAE SYSTEMS (OPERATIONS) LTD**

**BAE 146**

**Type Certificate Data Sheet No: BA16**

**Superseded ADs: 002-09-84 and 009-12-1987**

### **ATA 53 – FUSELAGE – INSPECTION**

**Manufacturer(s):** British Aerospace plc, British Aerospace Regional Aircraft Ltd, British Aerospace (Commercial Aircraft) Ltd.

**Applicability:** All model BAe 146 series aeroplanes with modification HCM00301A or B embodied and without modification HCM01698A (SB. 53-162-01698A Protective Tape and Sealant).

**Reason:** Chafing had been reported along the seal/fuselage contact area under wing to fuselage fairing access panels on both sides of the fuselage. Inspection of these areas in accordance with BAE Systems (Operation) Ltd Service Bulletins ISB 53-005 and ISB 53-067 were originally mandated by AD 002-09-84 and 009-12-87. In order to ensure the continued airworthiness for life extension it was necessary to review the corrective actions required by AD 002-09-84 and 009-12-87. As a result of this review it has been determined that these service bulletins needed to be revised to assure the continued structural integrity of the fuselage. This AD supersedes both AD 002-09-84 and 009-12-87 and mandates the repetitive inspections set out in the revised service bulletins.

**Effective Date:** 29 July 2005

#### **Compliance/Action:**

- A) For aircraft not previously inspected in accordance with BAE Systems Operations Ltd Service Bulletin ISB 53-005 and/or ISB 53-067, prior to the accumulation of 1000 landings since new, or 500 landings from the effective date of this AD, whichever occurs later perform the inspection detailed in BAE Systems Operations Ltd Service Bulletin ISB 53-005 rev 2 and ISB 53-067 rev 3 or later EASA approved revisions.
- B) For aircraft previously inspected in accordance with BAE Systems Operations Ltd Service Bulletin ISB 53-005 and ISB 53-067, prior to the accumulation of 4000 landings since the last inspection, perform the inspections detailed in BAE Systems Operations Ltd Service Bulletin ISB 53-005 rev 2 and ISB 53-067 rev 3 or later EASA approved revisions.

continued on next page

- C) Thereafter, repeat the inspections detailed in BAE Systems Operations Ltd Service Bulletin ISB 53-005 rev 2 and ISB 53-067 rev 3 or later EASA approved revisions within 4000 landings since the last inspection in accordance with this AD.

Note: Any damage revealed as a result of the inspections required by this AD must be assessed in accordance with BAE Systems Operations Ltd Service Bulletin ISB 53-005 rev 2 and ISB 53-067 rev 3 or later EASA approved revisions prior to further flight.

**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](mailto:RApublications@baesystems.com)

**Remarks:** Enquiries regarding this Airworthiness 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](mailto:Department.Certification@srg.caa.co.uk)