



**United Kingdom  
Civil Aviation Authority**

**AIRWORTHINESS  
DIRECTIVE**

**AD No: G-2004-0007**

Issue Date: 16 March 2004

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 2004-2324 on 12 March 2004.

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) LIMITED**

**BAe 146 and AVRO 146-RJ (ALL SERIES)**

Type Certificate Data Sheet No: BA16

Superseded/ Revised ADs: None

**ATA 49 - AUXILIARY POWER UNIT - INTRODUCTION OF INSULATION BLANKETS AND EXHAUST DRAIN BLANK TO THE SUNDSTRAND APU EXHAUST**

Manufacturer(s): British Aerospace (Regional Aircraft) Ltd

**Applicability:** Models BAe 146 Series and AVRO 146-RJ Series aeroplanes with Sundstrand APU installed (Modification HCM30373A) or Sundstrand APU installed with optional duct (Modification HCM30373A and HCM36166C) certificated in any category.

**Reason:** APU exhaust duct skin temperatures within the ECS bay have been found to be higher than the certificated maximum. The ECS bay is not a designated fire zone hence there is no fire detection or suppression system and ventilation airflow around the APU exhaust is low.

As fuel and hydraulic pipe work pass through the ECS bay a risk of flammable fluid ignition exists if leaking fluid contacts the APU exhaust duct skin.

Effective Date: 8 April 2004

**Compliance/Action:** Within nine months of the effective date of this Airworthiness Directive, install modification HCM36240A which introduces insulation blankets and exhaust drain pipe blank to the Sundstrand APU exhaust in accordance with BAE Systems (Operations) Ltd Service Bulletin 49-068-36240A dated 10 October 2003 or later CAA approved revision.

**Reference Publications:** BAE Systems (Operations) Ltd Service Bulletin SB 49-068-36240A dated 10 October 2003, may be obtained from Project Management Group, Customer Information Department, BAE Systems (Operations) Limited, 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 Airworthiness Directive should be referred to Mr M P Gadd, Civil Aviation Authority, Programmes Department, Safety Regulation Group, Aviation House, Gatwick Airport South, West Sussex, RH6 0YR, United Kingdom. Telephone: +44 (0) 1293 573313 Facsimile: +44 (0) 1293 573976 E-mail: michael.gadd@srg.caa.co.uk