



**United Kingdom
Civil Aviation Authority**

**AIRWORTHINESS
DIRECTIVE**

AD No: G-2005-0001

Issue Date: 12 January 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 2005-312 on 6 January 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) LIMITED

BAE 146 SERIES 100 AND 200

Type Certificate Data Sheet No: BA16

Superseded/ Revised ADs: None

ATA 5 – TIME LIMITS – LANDING GEAR – RETIREMENT LIVES

Manufacturer(s): British Aerospace Plc, British Aerospace Regional Aircraft Ltd and British Aerospace (Commercial Aircraft) Ltd.

Applicability: All Model BAe 146 Series 100 and 200 aeroplanes.

Reason: Chapter 5, of the BAe 146 Aircraft Maintenance Manual at Revision 80, contains incorrect safe life information for nose landing gear assemblies Part/Type Numbers 200876001 and 200876003. Operation beyond the approved safe-life limit may result in development of fatigue cracks in the main fitting of the Nose Landing Gear (NLG), which could lead to sudden failure of the fitting and a hazardous NLG collapse, loss of directional control on the ground, hydraulic leaks and major structural damage.

Effective Date: 31 January 2005

Compliance/Action:

- a) Within 30 days of the effective date of this AD, confirm the part number of the NLG main fitting in accordance with to BAE Systems (Operations) Service Bulletin ISB.32-169, initial issue or later EASA approved revision.
- b) For NLG fitting sub assemblies listed in BAE Systems (Operations) Service Bulletin ISB 32-169, initial issue or later EASA approved revision, replace the NLG with a unit modified in accordance with Paragraph D of the service bulletin, prior to the thresholds stated below:

Remove the NLG from service prior to exceeding either (i) 8000 landings since last overhaul, or (ii) 35,000 landings since new, or (iii) within the next 500 landings after the effective date of this AD if this occurs later than either (i) or (ii).

continued on next page

Reference Publications: BAE Systems (Operations) Service Bulletin ISB.32-169 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 Mr R Minter, Civil Aviation Authority, Structures and Materials Department, Safety Regulation Group, Aviation House, Gatwick Airport South, West Sussex, RH6 0YR, United Kingdom. Telephone: +44 (0) 1293 573535 Facsimile: +44 (0) 1293 573855 E-mail: richard.minter@srg.caa.co.uk