
AIRWORTHINESS DIRECTIVE

For the reasons set out in the background section, the CASA delegate whose signature appears below issues the following Airworthiness Directive (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 146/141 State of Design Airworthiness Directives 18/2010

Applicability: British Aerospace BAe 146 and Avro 146-RJ aircraft - all series.

- Requirement:
1. Determine the applicability of the UK CAA Airworthiness Directives (AD) listed in Table 1.
 2. If it is determined that a UK CAA AD listed in Table 1 is applicable and has not been previously accomplished, perform the actions required by that AD or later EASA-approved revision.

Service Bulletins approved by EASA as Alternative Methods of Compliance (AMOC) to the ADs listed in Table 1 are considered acceptable for compliance with the equivalent requirements of this Airworthiness Directive.

Table 1

| CAA AD | Service Bulletin | Title |
|-------------|------------------|--|
| 004-03-2001 | 57-064 | Replace bolts on wing rear spar |
| 004-10-2000 | 57-62 | Inspect spars for corrosion and cracking |
| 002-11-99 | 57-A58 | Inspect for micro-biological contamination |
| 006-04-98 | 57-55 | Inspect wing stringers for machining error |
| 007-09-97 | 24-120 | Inspect ERMA terminals in equipment bays |
| 010-07-97 | 55-16 | Inspect elevator hinge bracket rib 1 |
| 002-03-97 | SB not specified | Ex US Air and ex PSA aircraft |
| 006-05-95 | 35-35-56091A | Stainless steel pipe in oxygen system |
| 008-09-94 | 36-23 | Inspection of housings in bleed air system |
| 015-05-93 | 29-31-01339A | Fire resistance coupling in engine bay |

British Aerospace BAe 146 Series Aeroplanes

AD/BAe 146/141 (continued)

| CAA AD | Service Bulletin | Title |
|-----------|------------------|--|
| 009-04-92 | 27-135 | Pitch servomotor mounting bracket |
| 006-12-91 | 25-299-60358D | Revised interior décor specification |
| 004-10-90 | 53-98 | Pitting corrosion of fuselage skins |
| 011-09-90 | 27-114-01028B | Stall identification and warning system |
| 048-09-89 | 32-A101 | Hydraulic lines to wheel brake units |
| 009-08-89 | 25-A157 | Insulation bags in passenger compartment |
| 005-10-88 | 27-87 | Aileron disconnect unit |
| 003-04-88 | 27-74 | Aileron and elevator trim screwjacks |
| 009-11-86 | 52-55-00830A | Remove locking arm from doors |
| 002-08-86 | 24-30-00757A | DC electrical power distribution |
| 013-04-86 | 27-A54 | Flap control system |
| 011-04-86 | 25-13-70039A | Modification of evacuation slide |
| 003-02-86 | 21-24-00543A | Air conditioning |

Note 1: UK CAA ADs may be accessed via the internet at the following URL:

<http://ad.easa.europa.eu/>

Compliance: If a certificate of airworthiness has not been issued for the aircraft - before issue of the certificate of airworthiness.

If a certificate of airworthiness has been issued for the aircraft - before further flight after 60 days from the effective date of this Directive.

This Airworthiness Directive becomes effective on 24 September 2010.

British Aerospace BAe 146 Series Aeroplanes

AD/BAe 146/141 (continued)

Background: The UK CAA ADs listed in Table 1 of this Directive require once-only actions for which the compliance date has passed. CASA has determined that these ADs may be applicable to some Australian aircraft. This Directive is issued to ensure compliance with all State of Design ADs.

CASA appreciates that, due to date of aircraft manufacture or aircraft configuration and modification status, some of the ADs listed in Table 1 will not be applicable to any aircraft presently registered in Australia.



Charles Lenarcic
Delegate of the Civil Aviation Safety Authority

7 September 2010