

Boeing 747 Series Aeroplanes

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 39.1 (1) of CAR 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.

AD/B747/238

Hydraulic Brake Accumulators

13/2000

Applicability: Model 747 series aeroplanes; as listed in Boeing Special Attention Service Bulletin 747-32-2461, dated August 19, 1999.

Requirement:

1. Replace all brake system accumulators which have aluminium end caps with accumulators which have stainless steel end caps in accordance with Boeing Special Attention Service Bulletin 747-32-2461.
2. A Part Number (P/N) BACA11E1 (Parker P/N 2660472-1 or 2660472M1) or BACA11E5 (Parker P/N 2660472-5 or 2660472M5) brake system accumulator must not be installed as a replacement item on an aeroplane applicable to this Airworthiness Directive.

Note: FAA Airworthiness Directive 2000-14-01 Amendment 39-11810 refers.

Compliance:

1. Unless previously accomplished, at the next "C"-check but not to exceed 6000 flight hours from the effective date of this Airworthiness Directive.
2. From the effective date of this Airworthiness Directive.

This Airworthiness Directive becomes effective on 28 December 2000.

Background: There have been ten cases of brake accumulator aluminium end cap fracture that may result in high velocity separation which could cause injury to personnel in the wheel well area, loss of cabin pressurisation, loss of certain hydraulic systems or damage the fuel line of the auxiliary power unit.



Eugene Paul Holzapfel
Delegate of the Civil Aviation Safety Authority

13 November 2000