
AIRWORTHINESS DIRECTIVE

On the effective date specified below, and for the reasons set out in the background section, the CASA delegate whose signature appears below revokes Airworthiness Directive (AD) AD/B747/322 and issues the following 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.

Boeing 747 Series Aeroplanes

**AD/B747/322
Amdt 1**

Strut Front Spar Chord Assembly

25/2009

Applicability: Model 747-100, -100B, -100B SUD, -200B, -200C, -200F, -300, 747SP, and 747SR series aircraft listed in Boeing Alert Service Bulletin 747-54A2224 Rev 1, dated 16 November 2006 or later FAA-approved revision.

Note: This Directive is only applicable to aircraft equipped with Pratt & Whitney or General Electric engines as nominated in the Alert Service Bulletin.

Requirement: Action in accordance with the technical requirements of FAA AD 2007-01-15 Amdt 39-14887.

Compliance: At the intervals specified in FAA AD 2007-01-15. If not already accomplished, prior to initial issue of an Australian certificate of airworthiness.

This Amendment becomes effective on 18 December 2009.

Background: The FAA received a report indicating the front spar chord assembly for strut No. 3 fractured on a Model 747-200B aircraft. Investigation revealed the fitting fractured as a result of fatigue at a critical stress area. Fracture of the front spar chord assembly will result in loss of the strut upper link load path.

The original issue of this Directive specified FAA AD 2004-25-05 and Alert Service Bulletin 747-54A2224 at its initial issue.

Amendment 1 specifies FAA AD 2007-01-15, and Alert Service Bulletin 747-54A2224 at Rev 1.



William David
Delegate of the Civil Aviation Safety Authority

08 December 2009