
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/B737/10 Amdt 1 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 737 Series Aeroplanes

**AD/B737/10
Amdt 2**

Aft Lower Cargo Doorway Frame

13/2005

Applicability: Model 737-200 and -300 series aircraft, line numbers 6 through 1204.

Requirement: Action in accordance with the technical requirements of FAA AD 93-14-10 Amdt 39-8634.

Note: Boeing Service Bulletin 737-53-1096 original issue, or later FAA approved revision, refers.

Compliance: As specified in the Requirement document, with a revised effective date of 22 December 2005.

This Amendment becomes effective on 22 December 2005.

Background: Frame cracking is attributed to fatigue from pressurisation loads. Frame cracks may result in severing of the frames and cracking of the adjacent fuselage skin. This would seriously reduce the strength of the fuselage in this area, and present a high risk of a rapid decompression.

Amendment 1 made reference to the related FAA AD, and the fact that only frame modifications to the improved standard of Revision 1 to the related SB constitute terminating action.

Amendment 2 is issued to update this Directive to the current FAA AD, which requires repetitive inspections to continue after installation of the optional terminating modification. This action was prompted by a structural reassessment of the Model 737 series aircraft.



David Villiers
Delegate of the Civil Aviation Safety Authority

8 November 2005