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## AIRWORTHINESS DIRECTIVE

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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.

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### Boeing 737 Series Aeroplanes

**AD/B737/258**                      **Forward Engine Mount Support Fitting**                      **13/2005**

Applicability:     Model 737-100, -200, and -200C series aircraft, line numbers 1 through 1585.

Requirement:     Action in accordance with the technical requirements of FAA AD 98-14-09 Amdt 39-10642.

*Note: Boeing Service Bulletins 737-54A1012 Revision 4, 737-54-1007 Revision 1, 737-54-1009 Revision 1, or later FAA approved revisions, refer.*

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

This Airworthiness Directive becomes effective on 22 December 2005.

Background:     The FAA received reports of fatigue cracks on the lower flange of the forward engine mount support fitting, broken bolts and bolts with loose or detached nuts on the upper inboard attachment of the support fitting, and cracked or severed lugs at the outboard support link attachment of the support fitting. Undetected fatigue cracking and other discrepancies of the support fitting and its attachments could result in an in-flight separation of an engine.



David Villiers  
Delegate of the Civil Aviation Safety Authority

10 November 2005