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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/B737/298**

**Aileron Balance Tab**

**13/2006**

**Applicability:** All Model 737-100, -200, -200C, -300, -400, -500, -600, -700, -700C, -800, and -900 series aircraft.

**Requirement:** Action in accordance with the technical requirements of FAA AD 2006-21-01 Amdt 39-14784.

*Note: Boeing Special Attention Service Bulletins 737-27-1272 and 737-27-1273, or later FAA approved revisions, refer.*

**Compliance:** As specified in the Requirement document, with a revised effective date of 21 December 2006.

This Airworthiness Directive becomes effective on 21 December 2006.

**Background:** The FAA received reports of freeplay-induced vibration of the aileron balance tab. The potential for vibration of the control surface should be avoided because the point of transition from vibration to divergent flutter is unknown. This Directive requires repetitive measurement of the freeplay of both aileron balance tabs, and repetitive lubrication of the aileron balance tab hinge bearings and rod end bearings.



David Villiers  
Delegate of the Civil Aviation Safety Authority

7 November 2006