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## AIRWORTHINESS DIRECTIVE

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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/B737/40 Amdt 2 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.

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### Boeing 737 Series Aeroplanes

#### **AD/B737/40      Structural Modification and Inspection Program    5/2006** **Amdt 3**

Applicability:    For Requirement 1: Model 737-100, -200, and -200C series aircraft.

For Requirement 2: Model 737-100, -200, and -200C series aircraft, as listed in Section 4 and Appendices A.4 and B.4 of Boeing Document D6-38505, "Ageing Airplane Service Bulletin Structural Modification Program and Inspection Program," Revision F.

For Requirement 3: Model 737-100, -200, and -200C series aircraft, as listed in Boeing Document D6-38505, Revision F.

- Requirement:
1. Incorporate structural modifications in accordance with the requirements of FAA AD 93-17-08 Amdt 39-8679.
  2. Accomplish structural inspections in accordance with the requirements of FAA AD 93-08-04 Amdt 39-8551.
  3. Incorporate structural modifications in accordance with the requirements of FAA AD 90-06-02 Amdt 39-6489.

*Note: Boeing Document No. D6-38505 Revision F, dated 23 April 1992, refers.*

Compliance:    For Requirements 1 and 2:

As specified in the Requirement document, with a revised effective date of 16 February 2006.

For Requirement 3:

As specified in the Requirement document, with a revised effective date of 13 April 2006.

The compliance times remain unchanged by this issue of the Directive.

This Amendment becomes effective on 11 May 2006.

## Boeing 737 Series Aeroplanes

AD/B737/40 Amdt 3 (continued)

**Background:** The Model 737 Structures Working Group evaluated Boeing service bulletins that must be included as part of the “Ageing Airplane Structural Modification Program”; and the Airworthiness Assurance Task Force assigned to review Model 737 series aircraft indicated that, to assure long term continued operational safety, various structural inspections should be accomplished. The actions specified by this Directive are intended to prevent degradation in the structural capabilities of the affected aircraft.

Amendment 2 included FAA AD 90-06-02 as an additional Requirement document of this Directive.

Amendment 3 is issued to clarify Requirement 3 applicability.



David Villiers  
Delegate of the Civil Aviation Safety Authority

31 March 2006