

Boeing 737 Series Aeroplanes

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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 39.1 (1) of CAR 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 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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**AD/B737/136**

**Flight Spoiler Control System Inspection**

**3/2000  
TX**

Applicability: All Model 737-100,-200,-300,-400 and -500 series aeroplanes.

- Requirement: 1. For aeroplanes on which Boeing Alert Service Bulletin 737-27A1213, dated April 23, 1998, has not been accomplished;
- (a) perform a one time detailed visual inspection to verify correct installation of the fastener that connects the input rod of the spoiler mixer mechanism to the torque tube crank, in accordance with Revision 1 of Boeing Alert Service Bulletin, 737-27A 1213.  
  

For the purposes of this AD, a detailed visual inspection is defined as:  
“An intensive visual examination of a specific structural area, system, installation, or assembly to detect damage, failure, or irregularity. Available lighting is normally supplemented with a direct source of good lighting at intensity deemed appropriate by the inspector. Inspection aids such as mirror, magnifying lenses, etc. may be used. Surface cleaning and elaborate access procedures may be required.”
  - (b) if the fastener is found incorrectly installed during the above inspection either reinstall the fastener, or install a new or another serviceable fastener, in accordance with Revision 1 of the alert service bulletin.
2. For aeroplanes on which Boeing Alert Service Bulletin 737-27A1213, dated April 23, 1998, has been accomplished; replace the nut, bolt, and cotter pin that connects the input rod of the spoiler mixer mechanism to the torque tube crank with a new or serviceable nut, bolt, and cotter pin in accordance with Revision 1 of the alert service bulletin.

*Note: FAA AD 99-25-02 issued November 22, 1999 refers.*

**COMMONWEALTH OF AUSTRALIA**  
**CIVIL AVIATION SAFETY AUTHORITY**  
**SCHEDULE OF AIRWORTHINESS DIRECTIVES**

*(Civil Aviation Regulations 1998), PART 39 - 105*

- Compliance:
1. (a) On or before 15 March 2000.
  1. (b) Before further flight.
  3. On or before 15 March 2000.

This Airworthiness Directive becomes effective on 8 February 2000.

Background: This AD is prompted by reports indicating numerous discrepancies in the installation of the fastener that connects the input rod of the spoiler mixer mechanism to the torque tube crank which could result in a disconnect and consequent reduced controllability of the aeroplane.



Eugene Paul Holzapfel  
Delegate of the Civil Aviation Safety Authority

7 February 2000