
AIRWORTHINESS DIRECTIVE

For the reasons set out in the background section, the CASA delegate whose signature appears below revokes Airworthiness Directive (AD) AD/B737/158 and issues the following 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 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/B737/158 Fuel System Wiring Shielding and Separation 6/2002 Amdt 1

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

Requirement: Provide shielding and separation of the fuel system wiring (that is routed to the fuel tanks) from adjacent wiring in accordance with either:

- a. a method approved by the Section Head, Systems; Certification Standards Branch; Aviation Standards Division; Civil Aviation Safety Authority, or
- b. FAA Supplemental Type Certificate (STC) No ST00847SE dated 6 October 2000, or
- c. FAA STC No ST00127BO dated 5 September 2000.

Note 1: FAA AD 99-03-04 Amdt 39-11018 paragraph (a) refers.

Note 2: FAA Transport Airplane Directorate Letter 130S-00-0626 dated 11 October 2000 approves FAA STC ST00847SE as an Alternate Method of Compliance (AMOC) for paragraph (a) of FAA AD 99-03-04.

Note 3: Applications for the approval of a method to provide shielding and separation of the fuel wiring system are to be forwarded through the Engineering Support Branch office responsible for the applicant.

Note 4: AD/B737/156 addresses the fuel tank vent system provisions of FAA AD 99-03-04 paragraph (b).

Note 5: FAA Transport Airplane Directorate Letter 130S-00-0632 dated 13 October 2000 approves FAA STC ST00127BO as an AMOC for paragraph (a) of FAA AD 99-03-04.

Compliance: Before 10 March 2003.

This Amendment becomes effective on 13 June 2002.

Boeing 737 Series Aeroplanes

AD/B737/158 Amdt 1 (continued)

Background: The original issue of this Directive required installation of components to provide shielding and separation of the fuel system wiring (that is routed to the fuel tanks) from adjacent wiring. The issue of the referenced FAA Airworthiness Directive was prompted by testing results, obtained in support of an accident investigation, and by re-examination of possible causes of a similar accident.

This Amendment introduces an alternative method of compliance.

The original issue of this Airworthiness Directive became effective on 9 August 2001.



James Coyne
Delegate of the Civil Aviation Safety Authority

3 May 2002