
AIRWORTHINESS DIRECTIVE

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.

Boeing 737 Series Aeroplanes**AD/B737/274****Wing Centre Tank Wire Bundles****2/2006**

Applicability: Model 737-600, -700, -700C, -800 and -900 series aeroplanes, as identified in Boeing Service Bulletin (SB) 737-28-1209, dated 17 February 2005.

Requirement: Modify the wire bundles located below the passenger compartment, above the centre fuel tank, aft of station (STA) 540 through STA 601 inclusive, at right buttock line and left buttock line 24.82 in accordance with the Accomplishment Instructions of SB 737-28-1209, as amended by Information Notice (IN) 737-28-1209 IN 01 dated 28 July 2005.

Later revisions of the above SB, approved by the United States Federal Aviation Administration (FAA) as an Alternate Method of Compliance (AMOC) to FAA AD 2005-23-16, are considered acceptable for compliance with the equivalent Requirements of this Directive.

Note: FAA AD 2005-23-16 Amdt 39-14374 refers.

Compliance: Within 60 months after the effective date of this Directive.

This Airworthiness Directive becomes effective on 16 February 2006.

Background: This Directive requires modification of wire bundles located above the centre fuel tank and is issued to prevent chafed wire bundles near the centre fuel tank, which could cause electrical arcing through the tank wall and ignition of fuel vapour in the fuel tank together with the possibility of a fuel tank explosion.



Charles Lenarcic
Delegate of the Civil Aviation Safety Authority

15 December 2005