
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/B737/308****Elevator Tab Control Rod Assembly****11/2007**

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

Requirement: Do a detailed inspection for discrepancies of the inspection putty of the elevator tab control rod assemblies and/or damage to the surrounding structure, by doing all the actions, including all applicable related corrective actions, as specified in paragraph 3.B. of the Accomplishment Instructions of Boeing Alert Service Bulletin 737-27A1266, Revision 1, dated 2 January 2007. Do all applicable related corrective actions before further flight, in accordance with the service bulletin.

Actions accomplished before the effective date of this AD in accordance with Boeing Alert Service Bulletin 737-27A1266, dated 18 September 2003, are considered acceptable for compliance with the corresponding actions specified in this Requirement.

For the purposes of this AD, a detailed inspection is: "An intensive examination of a specific item, installation, or assembly to detect damage, failure, or irregularity. Available lighting is normally supplemented with a direct source of good lighting at an intensity deemed appropriate. Inspection aids such as mirror, magnifying lenses, etc., may be necessary. Surface cleaning and elaborate procedures may be required."

Note: FAA AD 2007-16-05 Amdt 39-15144 dated 30 July 2007 refers.

Compliance: Within 4,500 flight cycles or 6,000 flight hours after the effective date of this AD, whichever is first.

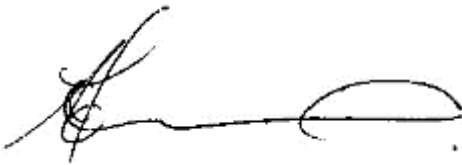
Repeat the inspection thereafter at intervals not to exceed 4,500 flight cycles or 6,000 flight hours, whichever is first.

This Airworthiness Directive becomes effective on 25 October 2007.

Boeing 737 Series Aeroplanes

AD/B737/308 (continued)

Background: This AD results from reports indicating loose jam nuts and/ or thread wear at the rod ends on the elevator tab control rod assembly. The issuing of this AD is intended to find and fix discrepancies of the elevator tab control rod assembly, which could result in excessive freeplay in the elevator tab control rods. Such freeplay could cause loss of both load paths, subsequent elevator tab flutter, and consequent reduced structural integrity and loss of controllability of the aeroplane.



Charles Lenarcic
Delegate of the Civil Aviation Safety Authority

6 September 2007