



CIVIL AVIATION AUTHORITY
CZECH REPUBLIC

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AIRWORTHINESS DIRECTIVE

Number: CAA-AD-014/2003

Date of issue: January 21, 2003

BOEING

737-600, -700, -700C, -800, -900

AIRCRAFT - FUEL TANKS - WIRING - REPLACEMENT

Applicability: Model 737-600, -700, -700C, -800, and -900 series airplanes; certificated in any category; as listed in Boeing Alert Service Bulletin 737-28A1142, Revision 2, dated November 26, 2002.

Effective date: March 20, 2003

Compliance: Required as indicated FAA AD 2002-26-18.

Remarks: The compliance of this AD must be recorded in Aircraft Logbook, where applicable the requirements of this AD must be integrated into Aircraft Technical Documentation. Address inquiries concerning this AD to: Civil Aviation Authority, Airworthiness Division, Ruzyne Airport, 160 08 Prague 6, Czech Republic, tel.: 420 2 33320922, fax: 420 2 20562270.

Ing. Pavel MATOUŠEK
Director of Airworthiness Division
CAA CZ

2002-26-18 Boeing: Amendment 39-13006. Docket 2002-NM-44-AD.

Applicability: Model 737-600, -700, -700C, -800, and -900 series airplanes; certificated in any category; as listed in Boeing Alert Service Bulletin 737-28A1142, Revision 2, dated November 26, 2002.

Note 1: This AD applies to each airplane identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For airplanes that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (c) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if the unsafe condition has not been eliminated, the request should include specific proposed actions to address it.

Compliance: Required as indicated, unless accomplished previously.

To prevent fluid contamination inside the fueling float switch or changing of the wiring to the in-tank conduit, which could generate an ignition source and consequent fire and explosion in the fuel tank, accomplish the following:

Replacement

(a) Replace the existing fueling float switch and conduit assemblies in the main and center fuel tanks with new, improved assemblies (includes a new float switch and a new conduit assembly with a liner system inside the conduit), at the applicable time specified in paragraph (a)(1), (a)(2), or (a)(3) of this AD, per Work Packages I and II of the Accomplishment Instructions of Boeing Alert Service Bulletin 737-28A1142, Revision 2, dated November 26, 2002.

Note 2: Due to the lack of sleeving on the existing electrical wire installations of the center fuel tank, it is recommended that Work Package II be completed before Work Package I.

(1) For airplanes that have accumulated fewer than 5,000 total flight hours as of the effective date of this AD: Within 2 years after the effective date of this AD.

(2) For airplanes that have accumulated 5,000 total flight hours or more, but fewer than 10,000 total flight hours as of the effective date of this AD: Within 1 year after the effective date of this AD.

(3) For airplanes that have accumulated 10,000 total flight hours or more as of the effective date of this AD: Within 180 days after the effective date of this AD.

(b) Replacements done before the effective date of this AD per Boeing Alert Service Bulletin 737-28A1142, dated February 7, 2002, are considered acceptable for compliance with paragraph (a) of this AD.

Alternative Methods of Compliance

(c) An alternative method of compliance or adjustment of the compliance time that provides an acceptable level of safety may be used if approved by the Manager, Seattle Aircraft Certification Office (ACO), FAA, Transport Airport Directorate. Operators shall submit their requests through an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Seattle ACO.

Note 3: Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the Seattle ACO.

Special Flight Permits

(d) Special flight permits may be issued in accordance with sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the airplane to a location where the requests of this AD can be accomplished.

Incorporation by Reference

(e) Unless otherwise specified in this AD, the replacement shall be done in accordance with Boeing Alert Service Bulletin 737- 28A1142, Revision 2, dated November 26, 2002. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from Boeing Commercial Airplane Group, P.O. Box 3707, Seattle, Washington 98124-2207. Copies may be inspected at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

Effective Date

(f) This amendment becomes effective on February 10, 2003.