

# PŘÍKAZ K ZACHOVÁNÍ LETOVÉ ZPŮSOBILOSTI

**CAA-AD-026/2000**

Datum vydání: 13. března 2000

## MOTOR - PALIVOVÉ POTRUBÍ - VÝMĚNA

**Týká se:** motorů vyrobených firmou General Electric Company (GE) CF6-80C2 A1/ A2/ A3/ A5/ A8/ A5F/ B1/ B2/ B4/ B6/ B1F/ B2F/ B4F/ B6F/ B7F/ D1F, instalovaných na letadlech Airbus Industrie A300-600/ 600R a A310-200Adv/ 300, Boeing 747-200/ 300/ 400 a 767-200ER/ 300/ 300ER/ 400ER, McDonnell Douglas MD-11, ale nejen na těchto.

**Datum účinnosti:** 20. dubna 2000

**Provést v termínech:** Jak je popsáno v FAA AD 2000-04-14 (příloha tohoto PZZ).

**Postup provedení prací:** Dle FAA AD 2000-04-14.

Poznámky: Provedení tohoto PZZ musí být zapsáno do motorové knihy. Případné dotazy týkající se tohoto PZZ adresujte na ÚCL technický inspektorát - Ing. Toman. Pokud to vyžaduje povaha tohoto PZZ, musí být zapracován do příslušné části dokumentace pro obsluhu, údržbu a opravy letadla. Tento PZZ byl vypracován na základě FAA AD 2000-04-14.

**Ing. Pavel MATOUŠEK**

**Ředitel technického inspektorátu**

**Úřad pro civilní letectví**

**2000-04-14 GENERAL ELECTRIC COMPANY:** Amendment 39-11597. Docket 99-NE-24-AD.

Applicability: General Electric Company (GE) CF6-80C2 A1/ A2/ A3/ A5/ A8/ A5F/ B1/ B2/ B4/ B6/ B1F/ B2F/ B4F/ B6F/ B7F/ D1F turbofan engines, installed on but not limited to Airbus Industrie A300-600/ 600R series and A310-200Adv/ 300 series, and Boeing 747-200/ 300/ 400 series and 767-200ER/ 300/ 300ER/ 400ER and McDonnell Douglas MD-11 series airplanes.

NOTE 1: This airworthiness directive (AD) applies to each engine 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 engines 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 (d) 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 improper fuel tube flange seating, resulting in high pressure fuel leaks, which could result in an engine fire and damage to the airplane, accomplish the following:

### **Replacement**

(a) At the next time the fuel tubes are disconnected at either end for on-wing maintenance, or the next shop visit after the effective date of this AD, whichever occurs first, replace the old configuration fuel tubes with the improved tubes. For on-wing maintenance, replace only the fuel tube(s) that have been disconnected. Perform the actions as follows:

(1) Replace the fuel flowmeter to Integrated Drive Generator (IDG) cooler fuel tube, part number (P/N) 1321M42G01, with a serviceable part in accordance with paragraph 2 of GE Alert Service Bulletin (ASB) No. 73-A224, Revision 2, July 9, 1997, and perform a leak check after accomplishing the replacement.

#### **Power Management Controls**

(2) For engines with Power Management Controls, replace the Main Engine Control (MEC) to fuel flowmeter fuel tube, P/N 1334M88G01, and bolts, P/N MS9557-12, with serviceable parts, in accordance with paragraph 3A of GE ASB 73-A0231, Revision 1, dated May 3, 1999 and perform a leak check after accomplishing the replacement.

#### **Full Authority Digital Electronic Controls**

(3) For engines with Full Authority Digital Electronic Controls replace the Hydromechanical Unit (HMU) to fuel flowmeter fuel tubes, P/Ns 1383M12G01 and 1374M30G01 with serviceable parts, in accordance with paragraph 3B of GE ASB 73-A0231, Revision 1, dated May 3, 1999 and perform a leak check after accomplishing the replacement.

NOTE 2: Information on performing the leak check can be found in the Aircraft Maintenance Manual, 71-00-00.

#### **Definitions**

(b) For the purpose of this AD, a shop visit is defined as any time an engine is removed from service and returned to the shop for any maintenance.

(c) For the purpose of this AD, a serviceable part is defined as any part other than tube, P/N 1321M42G01, for the fuel flowmeter to IDG cooler; tube, P/N 1334M88G01, and bolt, P/N MS9557-12, for the MEC to fuel flowmeter tube; and tubes, P/Ns 1383M12G01 and 1374M30G01, for the HMU to fuel flowmeter fuel tubes.

#### **Alternative Methods of Compliance**

(d) 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, Engine Certification Office. Operators shall submit their requests through an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Engine Certification Office.

NOTE 3: Information concerning the existence of approved alternative methods of compliance with this airworthiness directive, if any, may be obtained from the Engine Certification Office.

#### **Ferry Flights**

(e) 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 aircraft to a location where the requirements of this AD can be accomplished.

#### **Incorporation by Reference**

(f) The actions required by this AD shall be done in accordance with the following GE ASBs: 73-A224, Revision 2, July 9, 1997, and 73-A0231, Revision 1, May 3, 1999.

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

General Electric Aircraft Engines, c/o Commercial Technical Publications, 1 Neumann Way, Room 230, Cincinnati, OH 45215-1988; telephone 513-552-2005, fax 513-552-2816. Copies may be inspected at the FAA, New England Region, Office of the Regional Counsel, 12 New England Executive Park, Burlington, MA; or at the Office of the Federal Register, 800 North Capitol Street, NW, suite 700, Washington, DC.

(g) This amendment becomes effective on May 1, 2000.

FOR FURTHER INFORMATION CONTACT:

Ian Dargin, Aerospace Engineer, Certification Office, FAA, Engine and Propeller Directorate, 12 New England Executive Park, Burlington, MA 01803-5299; telephone 781-238-7178, fax 781-238-7199.

Issued in Burlington, Massachusetts, on February 17, 2000.

Ronald L. Vavruska, Acting Manager, Engine and Propeller Directorate, Aircraft Certification Service.