



CIVIL AVIATION AUTHORITY
CZECH REPUBLIC
Airworthiness Division

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AIRWORTHINESS DIRECTIVE

Number: CAA-AD-034/2004

Date of issue: April 08, 2004

GENERAL ELECTRIC Comp.
CF6-80C2A5F, CF6-80C2B5F, ++

ENGINE - HIGH PRESSURE TURBINE STAGE 1 DISKS - REPLACEMENT

Applicability: General Electric Company (GE) CF6- 80C2A5F, CF6-80C2B5F, CF6-80C2B7F, and CF6-80C2D1F turbofan engines with high pressure turbine (HPT) stage 1 disks, part numbers (P/Ns) 1531M84G10 or 1531M84G12 installed. These engines are installed on, but not limited to, Airbus Industrie A300 and A330 series, Boeing 747 and 767 series, and McDonnell Douglas MD-11 airplanes.

Effective date: May 13, 2004

Compliance: Required as indicated FAA AD 2004-07-13.

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, Ruzyně Airport, 160 08 Prague 6, Czech Republic, tel.: 420 2 33320922, fax: 420 2 20562270.

Ing. Pavel MATOUŠEK
Director

Effective Date

(a) This AD becomes effective May 6, 2004.

Affected ADs

(b) None.

Applicability

(c) This AD applies to General Electric Company (GE) CF6- 80C2A5F, CF6-80C2B5F, CF6-80C2B7F, and CF6-80C2D1F turbofan engines with high pressure turbine (HPT) stage 1 disks, part numbers (P/Ns) 1531M84G10 or 1531M84G12 installed. These engines are installed on, but not limited to, Airbus Industrie A300 and A330 series, Boeing 747 and 767 series, and McDonnell Douglas MD-11 airplanes.

Unsafe Condition

(d) This AD is prompted by an updated low-cycle-fatigue (LCF) analysis of the HPT stage 1 disk. The actions specified in this AD are intended to prevent LCF cracking and failure of the HPT stage 1 disk due to exceeding the life limit, which could result in an uncontained engine failure and damage to the airplane.

Compliance

(e) You are responsible for having the actions required by this AD performed within the compliance times specified unless the actions have already been done.

(f) Replace HPT stage 1 disks, P/Ns 1531M84G10 and 1531M84G12, at or before the disk accumulates 10,720 cycles-since-new (CSN).

(g) After the effective date of this AD, do not install any HPT stage 1 disk, P/N 1531M84G10 or 1531M84G12, that exceeds 10,720 CSN.

Alternative Methods of Compliance

(h) The Manager, Engine Certification Office, has the authority to approve alternative methods of compliance for this AD if requested using the procedures found in 14 CFR 39.19.

Material Incorporated by Reference

(i) None.

Related Information

(j) None.

 **Footer Information**

Issued in Burlington, Massachusetts, on March 24, 2004.
Francis A. Favara,
Acting Manager, Engine and Propeller Directorate,
Aircraft Certification Service.
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