

**DEPARTMENT OF TRANSPORTATION****Federal Aviation Administration****14 CFR Part 39**

[Docket No. FAA-2009-0121; Directorate Identifier 2008-NE-36-AD; Amendment 39-15958; AD 2009-14-08]

RIN 2120-AA64

**Airworthiness Directives; General Electric Company (GE) CF6-80C2B5F Turbofan Engines**

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Final rule.

**SUMMARY:** The FAA is adopting a new airworthiness directive (AD) for GE CF6-80C2B5F turbofan engines. This AD requires removing certain part number (P/N) high-pressure compressor rotor (HPCR) stages 11-14 spool/shafts before they exceed a new, reduced life limit. This AD results from an internal GE audit that compared the life limited parts certification documentation to the airworthiness limitations section (ALS) of the instructions for continuing airworthiness (ICA). We are issuing this AD to prevent HPCR stages 11-14 spool/shaft fatigue cracks caused by exceeding the life limit, which could result in a possible uncontained failure of the HPCR spool/shaft and damage to the airplane.

**DATES:** This AD becomes effective August 5, 2009.

**ADDRESSES:** The Docket Operations office is located at Docket Management Facility, U.S. Department of Transportation, 1200 New Jersey Avenue, SE., West Building Ground Floor, Room W12-140, Washington, DC 20590-0001.

**FOR FURTHER INFORMATION CONTACT:** Robert Green, Aerospace Engineer, Engine Certification Office, FAA, Engine & Propeller Directorate, 12 New England Executive Part, Burlington, MA 01803; e-mail: [robert.green@faa.gov](mailto:robert.green@faa.gov); telephone (781) 238-7754; fax (781) 238-7199.

**SUPPLEMENTARY INFORMATION:** The FAA proposed to amend 14 CFR part 39 with a proposed AD. The proposed AD applies to GE CF6-80C2B5F turbofan engines. We published the proposed AD in the **Federal Register** on February 20, 2009 (74 FR 7831). That action proposed to require removing certain P/N HPCR stages 11-14 spool/shafts before they exceed a new, reduced life limit.

**Examining the AD Docket**

You may examine the AD docket on the Internet at <http://www.regulations.gov>; or in person at the

Docket Operations office between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this AD, the regulatory evaluation, any comments received, and other information. The street address for the Docket Operations office (telephone (800) 647-5527) is provided in the **ADDRESSES** section. Comments will be available in the AD docket shortly after receipt.

**Comments**

We provided the public the opportunity to participate in the development of this AD. We have considered the comment received. The commenter supports the proposal.

**Conclusion**

We have carefully reviewed the available data, including the comment received, and determined that air safety and the public interest require adopting the AD as proposed.

**Costs of Compliance**

We estimate that this AD will affect one engine installed on an airplane of U.S. registry. We also estimate that the actions would require no work-hours per engine. No parts are required. Based on these figures, we estimate there is no cost of this AD to U.S. operators.

**Authority for This Rulemaking**

Title 49 of the United States Code specifies the FAA's authority to issue rules on aviation safety. Subtitle I, Section 106, describes the authority of the FAA Administrator. Subtitle VII, Aviation Programs, describes in more detail the scope of the Agency's authority.

We are issuing this rulemaking under the authority described in Subtitle VII, Part A, Subpart III, Section 44701, "General requirements." Under that section, Congress charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for safety in air commerce. This regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

**Regulatory Findings**

We have determined that this AD will not have federalism implications under Executive Order 13132. This AD will not have a substantial direct effect on the States, on the relationship between the national government and the States, or on the distribution of power and

responsibilities among the various levels of government.

*For the reasons discussed above, I certify that this AD:*

- (1) Is not a "significant regulatory action" under Executive Order 12866;
- (2) Is not a "significant rule" under DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979); and
- (3) Will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

We prepared a summary of the costs to comply with this AD and placed it in the AD Docket. You may get a copy of this summary at the address listed under **ADDRESSES**.

**List of Subjects in 14 CFR Part 39**

Air transportation, Aircraft, Aviation safety, Safety.

**Adoption of the Amendment**

■ Accordingly, under the authority delegated to me by the Administrator, the Federal Aviation Administration amends 14 CFR part 39 as follows:

**PART 39—AIRWORTHINESS DIRECTIVES**

- 1. The authority citation for part 39 continues to read as follows:

**Authority:** 49 U.S.C. 106(g), 40113, 44701.

**§ 39.13 [Amended]**

- 2. The FAA amends § 39.13 by adding the following new airworthiness directive:

**2009-14-08 General Electric Company:**  
Amendment 39-15958. Docket No. FAA-2009-0121; Directorate Identifier 2008-NE-36-AD.

**Effective Date**

- (a) This airworthiness directive (AD) becomes effective August 5, 2009.

**Affected ADs**

- (b) None.

**Applicability**

- (c) This AD applies to General Electric Company (GE) CF6-80C2B5F turbofan engines with a high-pressure compressor rotor (HPCR) stages 11-14 spool/shaft, part number (P/N) 1703M74G03, installed. These engines are installed on, but not limited to, Boeing 747 series airplanes.

**Unsafe Condition**

- (d) This AD results from an internal GE audit that compared the life limited parts certification documentation to the airworthiness limitations section (ALS) of the instructions for continuing airworthiness (ICA). We are issuing this AD to prevent HPCR stages 11-14 spool/shaft fatigue cracks caused by exceeding the life limit, which could result in a possible uncontained failure

of the HPCR spool/shaft 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.

#### New Reduced Life Limit for the HPCR Stages 11–14 Spool/Shaft

(f) Remove any CF6–80C2B5F turbofan engine that has an HPCR stages 11–14 spool/shaft, P/N 1703M74G03, before the spool/shaft meets or exceeds the new, reduced life cycle limit of 19,500 cycles.

#### Installation Prohibition

(g) After the effective date of this AD, do not install any CF6–80C2B5F turbofan engine that has an HPCR stages 11–14 spool/shaft, P/N 1703M74G03, that meets or exceeds 19,500 cycles.

#### 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.

#### Special Flight Permits

(i) Under 14 CFR part 39.23, we are prohibiting special flight permits for this AD.

#### Related Information

(j) Robert Green, Aerospace Engineer, Engine Certification Office, FAA, Engine & Propeller Directorate, 12 New England Executive Part, Burlington, MA 01803; e-mail: [robert.green@faa.gov](mailto:robert.green@faa.gov); telephone (781) 238–7754; fax (781) 238–7199.

#### Material Incorporated by Reference

(k) None.

Issued in Burlington, Massachusetts, on June 25, 2009.

**Peter A. White,**

*Assistant Manager, Engine and Propeller Directorate, Aircraft Certification Service.*

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**BILLING CODE** 4910–13–P

## DEPARTMENT OF HOMELAND SECURITY

### Coast Guard

#### 33 CFR Parts 100 and 165

[Docket No. USCG–2009–0422]

RIN 1625–AA08, 1625–AA00

#### Safety Zones: Summer 2009 Fireworks, Coastal Massachusetts

**AGENCY:** Coast Guard, DHS.

**ACTION:** Temporary final rule.

**SUMMARY:** The Coast Guard is suspending several special local regulations and establishing temporary

safety zones in various communities along the central and northern coastline of Massachusetts. These safety zones will last for the limited duration of the fireworks. The zones are necessary to protect spectators, participants, and vessels from the hazards associated with fireworks displays.

**DATES:** This rule is effective from June 27, 2009 through September 5, 2009.

**ADDRESSES:** Documents indicated in this preamble as being available in the docket are part of docket USCG–2009–0422 and are available online by going to <http://www.regulations.gov>, selecting the Advanced Docket Search option on the right side of the screen, inserting USCG–2009–0422 in the Docket ID box, pressing Enter, and then clicking on the item in the Docket ID column. They are also available for inspection or copying at the following location: The Docket Management Facility (M–30), U.S. Department of Transportation, West Building Ground Floor, Room W12–140, 1200 New Jersey Avenue, SE., Washington, DC 20590, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

**FOR FURTHER INFORMATION CONTACT:** If you have questions on this temporary rule, call or e-mail Ensign Marie Haywood, U.S. Coast Guard, Sector Boston, Waterways Management Division; telephone 617–223–5160, e-mail [Michele.M.Haywood@uscg.mil](mailto:Michele.M.Haywood@uscg.mil). If you have questions on viewing the docket, call Renee V. Wright, Program Manager, Docket Operations, telephone 202–366–9826.

#### SUPPLEMENTARY INFORMATION:

#### Regulatory Information

The Coast Guard is issuing this temporary final rule without prior notice and opportunity to comment pursuant to authority under section 4(a) of the Administrative Procedure Act (APA) (5 U.S.C. 553(b)). This provision authorizes an agency to issue a rule without prior notice and opportunity to comment when the agency for good cause finds that those procedures are “impracticable, unnecessary, or contrary to the public interest.” Under 5 U.S.C. 553(b)(B), the Coast Guard finds that good cause exists for not publishing a notice of proposed rulemaking (NPRM) with respect to this rule because the Coast Guard was not notified of these events with adequate time to publish a NPRM, for fireworks displays that scheduled to occur on various dates between June 27, 2009 and September 05, 2009. Any delay encountered in the regulation’s effective date would be contrary to the public interest, since the safety zones are needed to prevent

traffic from transiting a portion of the coastal waters of Massachusetts during the fireworks displays thus ensuring that the maritime public is protected from any potential harm associated with such an event.

For the same reason above, under 5 U.S.C. 553(d)(3), the Coast Guard finds that good cause exists for making this rule effective less than 30 days after publication in the **Federal Register**.

#### Background and Purpose

Various Massachusetts coastal cities are having fireworks displays on or near navigable waterways this summer.

In order to maintain continuity between the regulations for fireworks events established in 33 CFR 100.114 and the rain dates requested for the same events this year, this temporary rule suspends several special local regulations entries in 33 CFR PART 100.114 FIREWORKS DISPLAY TABLE. It also establishes temporary safety zones surrounding the events as described in the List of Subjects. The proposed zones will protect the maritime public from the dangers inherent in waterborne fireworks displays. The Captain of the Port does not anticipate any negative impact on vessel traffic due to implementation of these temporary safety zones. Public notifications will be made prior to the effective period of each proposed zone via Broadcast and Local Notice to Mariners.

#### Discussion of Rule

The Coast Guard is establishing temporary safety zones in various coastal waterways throughout central and northern Massachusetts. The safety zones will be in effect for the times listed in the List of Subjects. Marine traffic will only be restricted from a portion of the waterway as stated in the List of Subjects to protect the safety of the maritime public. Due to the limited time frame of the fireworks display, the Captain of the Port anticipates minimal negative impact on vessel traffic due to this event. Public notifications will be made prior to the effective period via local and broadcast notice to mariners.

#### Regulatory Analyses

We developed this rule after considering numerous statutes and executive orders related to rulemaking. Below we summarize our analyses based on 13 of these statutes or executive orders.

#### Regulatory Planning and Review

This rule is not a significant regulatory action under section 3(f) of Executive Order 12866, Regulatory