

legitimate domestic objective, such as the protection of safety, and does not operate in a manner that excludes imports that meet this objective. The statute also requires consideration of international standards and, where appropriate, that they be the basis for U.S. standards. The FAA assessed the potential effect of the AD and determined that because it addresses an immediate safety issue the AD is not considered an unnecessary obstacle to the foreign commerce of the United States.

#### Unfunded Mandates Assessment

Title II of the Unfunded Mandates Reform Act of 1995 (Pub. L. 104-4) requires each Federal agency to prepare a written statement assessing the effects of any Federal mandate in a proposed or final agency rule that may result in an expenditure of \$100 million or more (in 1995 dollars) in any one year by State, local, and tribal governments, in the aggregate, or by the private sector; such a mandate is deemed to be a "significant regulatory action." The FAA currently uses an inflation-adjusted value of \$143.1 million in lieu of \$100 million. The AD does not contain such a mandate; therefore, the requirements of Title II of the Act do not apply.

#### Comments Invited

We invite you to send any written relevant data, views, or arguments about this IRFA. Send your comments to an address listed under the **ADDRESSES** section. Include "Docket No. FAA-2013-0393; Directorate Identifier 2012-CE-025-AD" at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of the IRFA as related to the AD action. The most helpful comments will reference a specific portion of the IRFA or related rulemaking document, explain the reason for any recommended change, and include supporting data.

We will post all comments we receive, without change, to <http://www.regulations.gov>, including any personal information you provide. We will also post a report summarizing each substantive verbal contact we receive about the AD.

Issued in Kansas City, Missouri, on October 22, 2013.

#### Earl Lawrence,

Manager, Small Airplane Directorate, Aircraft Certification Service.

[FR Doc. 2013-25526 Filed 10-28-13; 8:45 am]

BILLING CODE 4910-13-P

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. FAA-2013-0740; Directorate Identifier 2013-NE-24-AD]

RIN 2120-AA64

#### Airworthiness Directives; Pratt & Whitney Turbofan Engines

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

**ACTION:** Notice of proposed rulemaking (NPRM).

**SUMMARY:** We propose to adopt a new airworthiness directive (AD) for all Pratt & Whitney (PW) PW2037, PW2037D, PW2037M, PW2040, PW2040D, PW2043, PW2146, PW2240, PW2337, PW2643, and F117-PW-100 turbofan engines. This proposed AD was prompted by a rupture of the diffuser-to-high-pressure turbine (HPT) case flange. This proposed AD would require a one-time eddy current inspection (ECI) of affected engines with certain diffuser and HPT cases installed. This AD also proposes to require a fluorescent-penetrant inspection (FPI) of the diffuser case rear flange and HPT case front flange. We are proposing this AD to prevent failure of the diffuser-to-HPT case flange, which could lead to uncontained engine failure and damage to the airplane.

**DATES:** We must receive comments on this proposed AD by December 30, 2013.

**ADDRESSES:** You may send comments, using the procedures found in 14 CFR 11.43 and 11.45, by any of the following methods:

- *Federal eRulemaking Portal:* Go to <http://www.regulations.gov>. Follow the instructions for submitting comments.

- *Fax:* 202-493-2251.

- *Mail:* U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE., Washington, DC 20590.

- *Hand Delivery:* Deliver to Mail address above between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For service information identified in this proposed AD, contact Pratt & Whitney, 400 Main St., East Hartford, CT 06108; phone: 860-565-8770; fax: 860-565-4503. You may view this service information at the FAA, Engine & Propeller Directorate, 12 New England Executive Park, Burlington, MA. For information on the availability of this material at the FAA, call 781-238-7125.

#### Examining the AD Docket

You may examine the AD docket on the Internet at <http://www.regulations.gov>; or in person at the Docket Management Facility between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this proposed AD, the regulatory evaluation, any comments received, and other information. The street address for the Docket Office (phone: 800-647-5527) is in the **ADDRESSES** section. Comments will be available in the AD docket shortly after receipt.

#### FOR FURTHER INFORMATION CONTACT:

Robert Morlath, Aerospace Engineer, Engine Certification Office, FAA, Engine & Propeller Directorate, 12 New England Executive Park, Burlington, MA 01803; phone: 781-238-7154; fax: 781-238-7199; email: [robert.c.morlath@faa.gov](mailto:robert.c.morlath@faa.gov).

#### SUPPLEMENTARY INFORMATION:

##### Comments Invited

We invite you to send any written relevant data, views, or arguments about this proposal. Send your comments to an address listed under the **ADDRESSES** section. Include "Docket No. FAA-2013-0740; Directorate Identifier 2013-NE-24-AD" at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this proposed AD. We will consider all comments received by the closing date and may amend this proposed AD because of those comments.

We will post all comments we receive, without change, to <http://www.regulations.gov>, including any personal information you provide. We will also post a report summarizing each substantive verbal contact we receive about this proposed AD.

#### Discussion

We received a report of an engine event in October 2011 that resulted in a rupture of the engine diffuser-to-HPT case flange. The rupture caused the engine cowl doors to break open, which resulted in damage to the underside of the airplane's wing. Subsequent investigation revealed that the root cause of this rupture was a crack that originated in HPT case M-flange boltholes (the forward flange of the HPT case that mates with the rear outer flange of the diffuser case). This condition, if not corrected, could result in failure of the diffuser-to-HPT case flange, which may cause an uncontained engine failure and damage to the airplane.

**Relevant Service Information**

We reviewed PW Service Bulletin (SB) No. PW2000 72–763, Revision 1, dated August 30, 2013, and PW PW2000 Series Engine Manual part number 1A6231. The SB describes procedures for inspecting the flanges of the HPT case and the diffuser case.

**FAA’s Determination**

We are proposing this AD because we evaluated all the relevant information and determined the unsafe condition described previously is likely to exist or develop in other products of the same type design.

**Proposed AD Requirements**

This proposed AD would require an on-wing ECI of the diffuser case and HPT case flanges. This proposed AD would also require an FPI of all engine diffuser cases and all HPT cases.

**Differences Between the Proposed AD and the Service Information**

PW SB No. PW2000 72–763, Revision 1, dated August 30, 2013, requires that operators complete an on-wing ECI by August 31, 2013. We are proposing that the ECI be performed within 100 flight cycles or 30 days after the effective date of this AD, whichever is earlier.

**Costs of Compliance**

We estimate that this proposed AD will affect 638 engines installed on airplanes of U.S. registry. Of the 638 engines, we estimate that about 58 engines will be subject to ECI and all engines will be subject to the FPI. We also estimate that it would take about 5 hours to perform the ECI and 3 hours to perform the FPI required by this proposed AD. Materials cost for the FPI will be about \$20 per engine. The average labor rate is \$85 per hour. Based on these figures, we estimate the total cost of this proposed AD to U.S. operators to be \$200,100.

**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 proposed 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 determined that this proposed AD would not have federalism implications under Executive Order 13132. This proposed AD would 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 this proposed regulation:

- (1) Is not a “significant regulatory action” under Executive Order 12866,
- (2) Is not a “significant rule” under the DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979),
- (3) Will not affect intrastate aviation in Alaska to the extent that it justifies making a regulatory distinction, and
- (4) 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.

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

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

**The Proposed Amendment**

Accordingly, under the authority delegated to me by the Administrator, the FAA proposes to amend 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 (AD):

**Pratt & Whitney:** Docket No. FAA–2013–0740; Directorate Identifier 2013–NE–24–AD.

**(a) Comments Due Date**

We must receive comments by December 30, 2013.

**(b) Affected ADs**

None.

**(c) Applicability**

This AD applies to all Pratt & Whitney (PW) PW2037, PW2037D, PW2037M, PW2040, PW2040D, PW2043, PW2146, PW2240, PW2337, PW2643, and F117–PW–100 turbofan engines.

**(d) Unsafe Condition**

This AD was prompted by a rupture of the diffuser-to-high-pressure turbine (HPT) case flange. We are issuing this AD to prevent failure of the diffuser-to-HPT case flange, which could lead to uncontained engine failure and damage to the airplane.

**(e) Compliance**

Unless already done, comply with this AD within the compliance times specified.

- (1) For diffuser and HPT cases identified by serial number (S/N) in Table 1 to paragraph (e) of this AD:

- (i) Within 100 flight cycles or 30 days after the effective date of this AD, whichever is earlier, eddy current inspect the diffuser case and the HPT case M-flange.

- (ii) For engines installed on the aircraft, use paragraphs 3.G. through 3.L. in the “For Engines Installed on the Aircraft” section of the Accomplishment Instructions of PW Service Bulletin (SB) No. PW2000 72–763, Revision 1, dated August 30, 2013, to perform the inspection.

- (iii) For engines removed from the aircraft, use paragraphs 3.B. through 3.G. in the “For Engines Removed From the Aircraft” section of the Accomplishment Instructions of PW Service Bulletin (SB) No. PW2000 72–763, Revision 1, dated August 30, 2013, to perform the inspection.

TABLE 1 TO PARAGRAPH (e)—DIFFUSER AND HPT CASE P/NS AND SERIAL NUMBERS

| Diffuser case part No. (P/N) | Diffuser case S/N | HPT case P/N | HPT case S/N |
|------------------------------|-------------------|--------------|--------------|
| 1B7407–001 .....             | DGUSAA0114 .....  | 1A9030 ..... | RM6300       |
| 1B7407 .....                 | WE2452 .....      | 1B2440 ..... | DKLBB40125   |
| 1B7407 .....                 | DGUSAA0097 .....  | 1B2440 ..... | DKLBCH3429   |
| 1B7407 .....                 | DGUSAA0670 .....  | 1B2440 ..... | DKLBCS1032   |
| 1B7407–001 .....             | DGUSAA0622 .....  | 1B2440 ..... | DKLBC00030   |
| 1B3055–001 .....             | DGUSAA0247 .....  | 1B2440 ..... | DKLBC07691   |
| 1B7461 .....                 | DGGUAK1308 .....  | 1B2440 ..... | DKLDB5108    |

TABLE 1 TO PARAGRAPH (e)—DIFFUSER AND HPT CASE P/NS AND SERIAL NUMBERS—Continued

| Diffuser case part No. (P/N) | Diffuser case S/N | HPT case P/N | HPT case S/N |
|------------------------------|-------------------|--------------|--------------|
| 1B7461                       | DGGUAK1306        | 1B2440       | DKLBDB5153   |
| 1B7461                       | DGGUAK1356        | 1B2440       | DKLBDBU3358  |
| 1B7477                       | DGGUAL1445        | 1A9030       | RM6353       |
| 1B7477                       | DGGUAL1492        | 1A9030       | PD3348       |
| 1B7477                       | DGGUAL1501        | 1A9030       | PD3280       |
| 1B7477                       | DGGUAL1597        | 1A9030       | ND5644       |
| 1B4091-001                   | RT6356            | 1B2440       | DKLBBP0225   |
| 1B4091-002                   | ST2044            | 1A9030       | DKLBBR3621   |
| 1B4091-005                   | PF3203            | 1A9030       | PD3290       |
| 1B7461                       | DGGUAK1377        | 1B2440       | WG6904       |
| 1B7477                       | DGGUAL1548        | 1B2440       | WV1807       |
| 1B7407                       | DGGUAK0189        | 1B2440       | WX2639       |
| 1B7407                       | DGUSAA0443        | 1B2440       | WZ4057       |
| 1B7477                       | DGGUAL1441        | 1B2440       | WX2664       |
| 1B7477                       | DGGUAL1560        | 1A9030       | RM6359       |
| 1B7407-001                   | DGUSAA0329        | 1B2440       | DKLBCM8956   |
| 1B7407                       | DGUSAA0334        | 1B2440       | DKLBCM0214   |
|                              |                   | 1B2440       | DKLBDB5069   |
|                              |                   | 1B2440       | DKLBB02548   |
|                              |                   | 1B2440       | DKLBDC7336   |
|                              |                   | 1B2440       | DKLBDBU3372  |
|                              |                   | 1B2440       | WM6913       |
|                              |                   | 1B2440       | DKLBBF6606   |
|                              |                   | 1B2440       | DKLBBB2861   |
|                              |                   | 1B2440       | DKLBCT1660   |
|                              |                   | 1B2440       | DKLBB94641   |
|                              |                   | 1B2440       | DKLBBX8092   |

(2) For all diffuser and HPT cases:

(i) At the next piece part exposure and every piece part exposure thereafter, perform a high sensitivity fluorescent-penetrant inspection (FPI) of the entire diffuser case rear flange (M-flange) and bolt holes.

(ii) At the next piece part exposure and every piece part exposure thereafter, perform a high sensitivity FPI of the entire HPT case forward flange (M-flange) and bolt holes.

#### (f) Prohibition Statement

After the effective date of this AD, do not install any engine with a diffuser or HPT case with serial number listed in Table 1 to paragraph (e) of this AD, onto any aircraft, that was not inspected per paragraph (e) of this AD.

#### (g) Credit for Previous Actions

If you performed an eddy current inspection of the diffuser case and HPT case M-flange using paragraphs 3.G. through 3.L. in the "For Engines Installed on the Aircraft" section or paragraphs 3.B. through 3.G. in the "For Engines Removed from the Aircraft" section of the Accomplishment Instructions of PW SB PW2000 72-763, dated March 22, 2013, you met the requirements of paragraph (e)(1) of this AD.

#### (h) Alternative Methods of Compliance (AMOCs)

The Manager, Engine Certification Office, FAA, may approve AMOCs for this AD. Use the procedures found in 14 CFR 39.19 to make your request.

#### (i) Related Information

(1) For more information about this AD, contact Robert Morlath, Aerospace Engineer, Engine Certification Office, FAA, Engine & Propeller Directorate, 12 New England

Executive Park, Burlington, MA 01803; phone: 781-238-7154; fax: 781-238-7199; email: [robert.c.morlath@faa.gov](mailto:robert.c.morlath@faa.gov).

(2) Pratt & Whitney Engine Manual, part number 1A6231, Chapter 72-41-00, Inspection/Check-02, (Task 72-41-00-230-002) and Chapter 72-52-00, Inspection/Check-02 (Task 72-52-00-230-000), which are not incorporated by reference in this AD, can be obtained from Pratt & Whitney, using the contact information in paragraph (i)(3) of this AD.

(3) For service information identified in this AD, contact Pratt & Whitney, United Technologies Corporation, 400 Main St., East Hartford, CT 06108; phone: 860-565-8770; fax: 860-565-4503.

(4) You may view this service information at the FAA, Engine & Propeller Directorate, 12 New England Executive Park, Burlington, MA. For information on the availability of this material at the FAA, call 781-238-7125.

Issued in Burlington, Massachusetts, on October 7, 2013.

**Colleen M. D'Alessandro,**

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

[FR Doc. 2013-25459 Filed 10-28-13; 8:45 am]

**BILLING CODE 4910-13-P**

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. FAA-2013-0766; Directorate Identifier 2013-NE-26-AD]

RIN 2120-AA64

#### Airworthiness Directives; Pratt & Whitney Canada Corp. Turboprop Engines

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

**ACTION:** Notice of proposed rulemaking (NPRM).

**SUMMARY:** We propose to adopt a new airworthiness directive (AD) for all Pratt & Whitney Canada Corp. (P&WC) PT6A-114 and PT6A-114A turboprop engines. This proposed AD was prompted by several incidents of compressor turbine (CT) blade failure, including two fatalities, resulting in power loss and in-flight shutdown (IFSD) of the engine. This proposed AD would require initial and repetitive borescope inspections (BSIs) of CT blades, and the removal from service of blades that fail inspection. We are proposing this AD to prevent failure of CT blades, which could lead to damage to the engine or to the airplane.

**DATES:** We must receive comments on this proposed AD by December 30, 2013.