

Related Information

(m) None.

Issued in Burlington, Massachusetts, on December 23, 2003.

Mark C. Fulmer,

Acting Manager, Engine and Propeller Directorate, Aircraft Certification Service.

[FR Doc. 03-32155 Filed 12-30-03; 8:45 am]

BILLING CODE 4910-13-P

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

[Docket No. 2003-NE-40-AD; Amendment 39-13407; AD 2003-26-09]

RIN 2120-AA64

Airworthiness Directives; Pratt & Whitney PW4074, PW4074D, PW4077, PW4077D, PW4084, PW4084D, PW4090, PW4090D, PW4090-3, and PW4098 Turbofan Engines

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule; request for comments.

SUMMARY: The FAA is superseding an existing airworthiness directive (AD) for Pratt & Whitney PW4074, PW4074D, PW4077, PW4077D, PW4084, PW4084D, PW4090, PW4090D, PW4090-3, and PW4098 turbofan engines. That AD requires initial and repetitive visual and borescope inspections of the No. 3 bearing weep tube and turbine exhaust case (TEC), and removal of the high pressure turbine (HPT) assembly and replacement of any heat distressed HPT assembly hardware if oil wetting or staining is found.

This AD requires the same actions. This AD results from the finding of a significant reference error in one of the borescope inspection compliance paragraphs. We are issuing this AD to prevent thermal distressed HPT assembly hardware from remaining in service, which could result in a cracked HPT stage 1 disk or HPT stage 1-2 air seal and an uncontained engine failure.

DATES: Effective December 3, 2003. The Director of the Federal Register approved the incorporation by reference of certain publications listed in the regulations as of December 3, 2003.

We must receive any comments on this AD by March 1, 2004.

ADDRESSES: Use one of the following addresses to submit comments on this AD:

- By mail: Federal Aviation Administration (FAA), New England

Region, Office of the Regional Counsel, Attention: Rules Docket No. 2003-NE-40-AD, 12 New England Executive Park, Burlington, MA 01803-5299.

- By fax: (781) 238-7055.
- By e-mail: 9-ane-adcomment@faa.gov

You can get the service information referenced in this AD from Pratt & Whitney, 400 Main St., East Hartford, CT 06108; telephone (860) 565-7700; fax (860) 565-1605.

You may examine the AD docket, by appointment, at the FAA, New England Region, Office of the Regional Counsel, 12 New England Executive Park, Burlington, MA. You may examine the service information, by appointment, 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.

FOR FURTHER INFORMATION CONTACT:

Keith Lardie, Aerospace Engineer, Engine Certification Office, FAA, Engine and Propeller Directorate, 12 New England Executive Park, Burlington, MA 01803-5299; telephone (781) 238-7189; fax (781) 238-7199.

SUPPLEMENTARY INFORMATION:

On October 24, 2003, the FAA issued AD 2003-22-09, Amendment 39-13357 (68 FR 62228, November 3, 2003). That AD requires:

- Borescope inspection of the No. 3 bearing weep tube, on engines with high oil consumption that troubleshooting procedures fail to determine the source of oil loss.
- For all engines, initial and repetitive visual inspections of the turbine exhaust case (TEC) in the vicinity of the No. 3 bearing oil vent tube for evidence of oil wetting or staining. If the vent tube borescope inspection is unsuccessful due to tube blockage, that AD also requires borescope inspections of the HPT assembly for oil wetting or staining.
- Removal of the HPT assembly and replacement of any heat distressed HPT assembly hardware if oil wetting or staining is found.

That AD is the result of engine HPT assembly hardware being damaged as a result of thermal distress from oil igniting after leaking from the No. 3 bearing compartment. That condition, if not corrected, could result in a cracked HPT stage 1 disk or HPT stage 1-2 air seal and an uncontained engine failure.

Actions Since AD 2003-22-09 Was Issued

Since that AD was issued, a comment was received that revealed an error in

the compliance section. We have considered that comment.

Incorrect Inspection Reference

One commenter states that paragraph (i)(3) of the AD contains an incorrect reference. In that paragraph, the wording "since performing the visual inspection of the TEC specified in paragraph (h)(1) of this AD", is misleading as it should be referencing borescope inspection and not visual inspection.

We agree. Therefore, we have corrected the wording to read "since performing the borescope inspection of the No. 3 bearing oil vent tube specified in paragraph (i)(1) of this AD".

AD Effectivity

The effective date of this AD is the same as AD 2003-22-09. We discussed the reference error in AD 2003-22-09 with the one U.S. operator, and conclude that there is no adverse impact from using the same effective date.

Relevant Service Information

We have reviewed and approved the technical contents of Pratt & Whitney Alert Service Bulletin (ASB) No. PW4G-112-A72-257, Revision 1, dated August 22, 2003, that describes procedures for:

- Borescope inspection of the No. 3 bearing weep tube, on engines with high oil consumption that troubleshooting procedures fail to determine the source of oil loss.
- For all engines, initial and repetitive visual inspections of the TEC, in the vicinity of the No. 3 bearing oil vent tube assembly and borescope inspections of the No. 3 bearing oil vent tube assembly, for evidence of oil wetting or staining.
- Borescope inspection of the HPT assembly for evidence of oil wetting or staining if the borescope inspection of the No. 3 bearing oil vent tube assembly is unsuccessful due to blockage.
- Removal of the engine if oil wetting or staining is found.

Differences Between This AD and the Service Information

Although ASB No. PW4G-112-A72-257, Revision 1, dated August 22, 2003, requires removal of the engine from service if oil wetting or staining is found, this AD requires removal of the HPT assembly and replacement of any heat distressed HPT assembly hardware if oil wetting or staining is found.

FAA's Determination and Requirements of This AD

The unsafe condition described previously is likely to exist or develop on other Pratt & Whitney PW4074,

PW4074D, PW4077, PW4077D, PW4084, PW4084D, PW4090, PW4090D, PW4090-3, and PW4098 turbofan engines of the same type design. We are issuing this AD to prevent thermal distressed HPT assembly hardware to remain in service, which could result in a cracked HPT stage 1 disk or HPT stage 1-2 air seal and an uncontained engine failure. This AD requires:

- Borescope inspection of the No. 3 bearing weep tube on engines with high oil consumption that troubleshooting procedures fail to determine the source of oil loss.

- For all engines, initial and repetitive visual inspections of the TEC, in the vicinity of the No. 3 bearing oil vent tube assembly and borescope inspections of the No. 3 bearing oil vent tube assembly, for evidence of oil wetting or staining.

- Borescope inspections of the HPT assembly for oil wetting or staining, if the vent tube borescope inspection is unsuccessful due to tube blockage.

- Removal of the HPT assembly and replacement of any heat distressed HPT assembly hardware if oil wetting or staining is found.

You must use the service information described previously to perform the actions required by this AD.

FAA's Determination of the Effective Date

Since an unsafe condition exists that requires the immediate adoption of this AD, we have found that notice and opportunity for public comment before issuing this AD are impracticable, and that good cause exists for making this amendment effective in less than 30 days.

Changes to 14 CFR Part 39—Effect on the AD

On July 10, 2002, we issued a new version of 14 CFR part 39 (67 FR 47998, July 22, 2002), which governs our AD system. This regulation now includes material that relates to special flight permits, alternative methods of compliance, and altered products. This material previously was included in each individual AD. Since this material is included in 14 CFR part 39, we will not include it in future AD actions.

Interim Action

These actions are interim actions and we may take further rulemaking actions in the future.

Comments Invited

This AD is a final rule that involves requirements affecting flight safety and was not preceded by notice and an

opportunity for public comment; however, we invite you to submit any written relevant data, views, or arguments regarding this AD. Send your comments to an address listed under **ADDRESSES**. Include "AD Docket No. 2003-NE-40-AD" in the subject line of your comments. If you want us to acknowledge receipt of your mailed comments, send us a self-addressed, stamped postcard with the docket number written on it; we will date-stamp your postcard and mail it back to you. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of the rule that might suggest a need to modify it. If a person contacts us verbally, and that contact relates to a substantive part of this AD, we will summarize the contact and place the summary in the docket. We will consider all comments received by the closing date and may amend the AD in light of those comments.

We are reviewing the writing style we currently use in regulatory documents. We are interested in your comments on whether the style of this document is clear, and your suggestions to improve the clarity of our communications with you. You may get more information about plain language at <http://www.faa.gov/language> and <http://www.plainlanguage.gov>.

Examining the AD Docket

You may examine the AD Docket (including any comments and service information), by appointment, between 8:00 a.m. and 4:30 p.m., Monday through Friday, except Federal holidays. See **ADDRESSES** for the location.

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 the 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); 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 by sending a request to us at the address listed under **ADDRESSES**. Include "AD Docket No. 2003-NE-40-AD" in your request.

List of Subjects in 14 CFR Part 39

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

Adoption of the Amendment

■ Accordingly, under the authority delegated to me by the Administrator, the Federal Aviation Administration amends part 39 of the Federal Aviation Regulations (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 removing Amendment 39-13357 (68 FR 62228, November 3, 2003), and by adding a new airworthiness directive, Amendment 39-13407, to read as follows:

2003-26-09 Pratt & Whitney: Amendment 39-13407. Docket No. 2003-NE-40-AD. Supersedes AD 2003-22-09, Amendment 39-13357.

Effective Date

(a) The effective date of this AD is the same as AD 2003-22-09, which is December 3, 2003.

Affected ADs

(b) This AD supersedes AD 2003-22-09.

Applicability

(c) This AD applies to Pratt & Whitney PW4074, PW4074D, PW4077, PW4077D, PW4084, PW4084D, PW4090, PW4090D, PW4090-3, and PW4098 turbofan engines. These engines are installed on, but not limited to, Boeing 777 series airplanes.

Unsafe Condition

(d) This AD results from the finding of a significant reference error in one of the borescope inspection compliance paragraphs of AD 2003-22-09. This AD also results from reports of engine high pressure turbine (HPT) assembly hardware being damaged as a result of thermal distress from oil igniting after leaking from the No. 3 bearing compartment. We are issuing this AD to prevent thermal distressed HPT assembly hardware from remaining in service, which could result in a cracked HPT stage 1 disk and HPT stage 1-2 air seal and an uncontained engine failure.

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.

Credit for Previous Inspections

(f) Inspections performed before the effective date of this AD, using AD 2003-22-09 or Pratt & Whitney Alert Service Bulletin (ASB) No. PW4G-112-A72-257, dated June 30, 2003, may be counted toward satisfying the initial and repetitive inspection requirements of paragraphs (g) through (k) of this AD.

Borescope Inspection of Engines With High Oil Consumption

(g) For engines with high oil consumption that troubleshooting procedures fail to determine the source of oil loss, borescope-inspect No. 3 bearing oil vent tube assembly and or HPT assembly within 100 cycles-in-service (CIS) of the high oil consumption event, using paragraphs (g)(1) through (g)(2) of this AD. Information on troubleshooting engines with high oil consumption can be found in Boeing 777 Fault Isolation Manual (FIM), section 71-05, Task 830. See paragraph (l) of this AD for a definition of high oil consumption.

(1) Borescope-inspect the No. 3 bearing oil vent tube assembly for evidence of oil wetting or staining. Follow Step 3, paragraphs 1. through 1.A.(8)(a) of Accomplishment Instructions of Pratt & Whitney ASB No. PW4G-112-A72-257, Revision 1, dated August 22, 2003.

(2) If the No. 3 bearing oil vent tube is blocked and attempts to clear it are unsuccessful, borescope-inspect the HPT assembly, following Step 4, paragraphs 1. through 1.B.(14) of Accomplishment Instructions of ASB No. PW4G-112-A72-257, Revision 1, dated August 22, 2003.

(3) Remove the HPT assembly within 100 CIS of the high oil consumption event if evidence of oil wetting or staining is found in the No. 3 bearing oil vent tube or on the HPT first stage disk.

(4) Replace any heat distressed HPT assembly hardware if oil wetting or staining is found.

Turbine Exhaust Case (TEC) Inspections Of All Engines

(h) Inspect the TEC of all engines, within 500 hours-in-service (HIS) after the effective date of this AD as follows:

(1) Visually inspect the TEC in the vicinity of the No. 3 bearing oil vent tube assembly for evidence of oil wetting or staining, using Figure 2 of Pratt & Whitney ASB No. PW4G-112-A72-257, Revision 1, dated August 22, 2003, for location of inspection.

(2) If evidence of oil wetting or staining is found at the TEC, borescope-inspect the No. 3 bearing oil vent tube assembly within 100 additional CIS, to confirm the oil is from the vent tube. Follow Step 1, paragraphs 1.B. through 1.D.(8)(a) of Accomplishment Instructions of Pratt & Whitney ASB No. PW4G-112-A72-257, Revision 1, dated August 22, 2003.

(3) If the No. 3 bearing oil vent tube is blocked and attempts to clear it are unsuccessful, borescope-inspect the HPT assembly following Step 4, paragraphs 1. through 1.B.(14) of Accomplishment Instructions of ASB No. PW4G-112-A72-257, Revision 1, dated August 22, 2003.

(4) Remove the HPT assembly within 100 CIS since performing the visual inspection of the TEC specified in paragraph (h)(1) of this AD, if evidence of oil wetting or staining is found in the No. 3 bearing oil vent tube or found on the HPT first stage disk.

(5) Replace any heat distressed HPT assembly hardware if oil wetting or staining is found.

Borescope Inspections of All Engines

(i) Borescope-inspect the No. 3 bearing oil vent tube assembly of all engines at or before accumulating 600 CIS or 2,000 HIS, whichever occurs first, after the effective date of this AD, as follows:

(1) Borescope-inspect the No. 3 bearing oil vent tube assembly for evidence of oil wetting or staining. Follow Step 2, paragraphs 1. through 1.A.(8) of Accomplishment Instructions of Pratt & Whitney ASB No. PW4G-112-A72-257, Revision 1, dated August 22, 2003.

(2) If the No. 3 bearing oil vent tube is blocked and attempts to clear it are unsuccessful, borescope-inspect the HPT assembly following Step 4, paragraphs 1. through 1.B.(14) of Accomplishment Instructions of ASB No. PW4G-112-A72-257, Revision 1, dated August 22, 2003.

(3) Remove the HPT assembly within 100 CIS since performing the borescope inspection of the No. 3 bearing oil vent tube

specified in paragraph (i)(1) of this AD, if evidence of oil wetting or staining is found in the No. 3 bearing oil vent tube or found on the HPT first stage disk.

(4) Replace any heat distressed HPT assembly hardware if oil wetting or staining is found.

Repetitive Inspections of All Engines

(j) Repeat the inspections of the TEC of all engines by following paragraphs (h)(1) through (h)(3) of this AD, at intervals not to exceed 500 HIS since last visual check of the TEC, and disposition the engine as specified in paragraphs (h)(4) through (h)(5) of this AD.

(k) Repeat borescope inspections of all engines by following paragraphs (i)(1) through (i)(2) of this AD, at intervals not to exceed 600 CIS or 2,000 HIS since last borescope inspection of the No. 3 oil vent tube, and disposition the engine as specified in paragraphs (i)(3) through (i)(4) of this AD.

Definition

(l) For the purposes of this AD, high oil consumption is defined as an engine consuming more than 0.5 quarts of oil per hour, as provided in the Boeing 777 FIM.

Alternative Methods of Compliance

(m) 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

(n) You must follow Pratt & Whitney Alert Service Bulletin specified in Table 1 to perform the inspections required by this AD. The Director of the Federal Register approved the incorporation by reference of this service bulletin as of December 3, 2003 (68 FR 62228, November 3, 2003) in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. You can get a copy from Pratt & Whitney, 400 Main St., East Hartford, CT 06108; telephone (860) 565-7700; fax (860) 565-1605. You may review copies 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.

TABLE 1—INCORPORATION BY REFERENCE

Alert service bulletin No.	Page No.	Revision	Date
PW4G-112-A72-257	1-5	1	August 22, 2003.
	6-7	Original	June 30, 2003.
	8	1	August 22, 2003.
	9	Original	June 30, 2003.
	10	1	August 22, 2003.
	11	Original	June 30, 2003.
	12	1	August 22, 2003.
	13-22	Original	June 30, 2003.
Total Pages: 22			

Related Information

(o) Boeing 777 Fault Isolation Manual, section 71-05, Task 830, pertains to high oil consumption troubleshooting procedures referred to in this AD.

Issued in Burlington, Massachusetts, on December 23, 2003.

Mark C. Fulmer,

Acting Manager, Engine and Propeller Directorate, Aircraft Certification Service.

[FR Doc. 03-32156 Filed 12-30-03; 8:45 am]

BILLING CODE 4910-13-P

DEPARTMENT OF TRANSPORTATION**Federal Aviation Administration****14 CFR Part 71**

[Docket No. FAA-2003-16407; Airspace Docket No. 03-ACE-75]

Modification of Class D Airspace; and Modification of Class E Airspace; Topeka, Philip Billard Municipal Airport, KS

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Direct final rule; confirmation of effective date.

SUMMARY: This document confirms the effective date of the direct final rule which revises Class D and Class E airspace at Topeka, Philip Billard Municipal Airport, KS.

EFFECTIVE DATE: 0901 UTC, February 19, 2004.

FOR FURTHER INFORMATION CONTACT: Kathy Randolph, Air Traffic Division, Airspace Branch, ACE-520C, DOT Regional Headquarters Building, Federal Aviation Administration, 901 Locust, Kansas City, MO 64106; telephone: (816) 329-2525.

SUPPLEMENTARY INFORMATION: The FAA published this direct final rule with a request for comments in the **Federal Register** on November 12, 2003 (68 FR 63985). The FAA uses the direct final rulemaking procedure for a non-controversial rule where the FAA believes that there will be no adverse public comment. This direct final rule advised the public that no adverse comments were anticipated, and that unless a written adverse comment, or a written notice of intent to submit such an adverse comment, were received within the comment period, the regulation would become effective on February 19, 2004. No adverse comments were received, and thus this notice confirms that this direct final rule will become effective on that date.

Issued in Kansas City, MO, on December 16, 2003.

Paul J. Sheridan,

Acting Manager, Air Traffic Division, Central Region.

[FR Doc. 03-32086 Filed 12-30-03; 8:45 am]

BILLING CODE 4910-13-M

DEPARTMENT OF TRANSPORTATION**Federal Aviation Administration****14 CFR Part 71**

[Docket No. FAA-2003-16411; Airspace Docket No. 03-ACE-77]

Modification of Class E Airspace; Johnson, KS

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Direct final rule; confirmation of effective date.

SUMMARY: This document confirms the effective date of the direct final rule which revises Class E airspace at Johnson, KS.

EFFECTIVE DATE: 0901 UTC, February 19, 2004.

FOR FURTHER INFORMATION CONTACT: Kathy Randolph, Air Traffic Division, Airspace Branch, ACE-520C, DOT Regional Headquarters Building, Federal Aviation Administration, 901 Locust, Kansas City, MO 64106; telephone: (816) 329-2525.

SUPPLEMENTARY INFORMATION: The FAA published this direct final rule with a request for comments in the **Federal Register** on November 19, 2003 (68 FR 65159). The FAA uses the direct final rulemaking procedure for a non-controversial rule where the FAA believes that there will be no adverse public comment. This direct final rule advised the public that no adverse comments were anticipated, and that unless a written adverse comment, or a written notice of intent to submit such an adverse comment, were received within the comment period, the regulation would become effective on February 19, 2004. No adverse comments were received, and thus this notice confirms that this direct final rule will become effective on that date.

Issued in Kansas City, MO, on December 16, 2003.

Paul J. Sheridan,

Acting Manager, Air Traffic Division, Central Region.

[FR Doc. 03-32087 Filed 12-30-03; 8:45 am]

BILLING CODE 4910-13-M

DEPARTMENT OF TRANSPORTATION**Federal Aviation Administration****14 CFR Part 97**

[Docket No. 30400; Amdt. No. 3086]

Standard Instrument Approach Procedures; Miscellaneous Amendments

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: This amendment establishes, amends, suspends, or revokes Standard Instrument Approach Procedures (SIAPs) for operations at certain airports. These regulatory actions are needed because of the adoption of new or revised criteria, or because of changes occurring in the National Airspace System, such as the commissioning of new navigational facilities, addition of new obstacles, or changes in air traffic requirements. These changes are designed to provide safe and efficient use of the navigable airspace and to promote safe flight operations under instrument flight rules at the affected airports.

DATES: This rule is effective December 31, 2003. The compliance date for each SIAP is specified in the amendatory provisions.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of December 31, 2003.

ADDRESSES: Availability of matters incorporated by reference in the amendment is as follows:

For Examination—

1. FAA Rules Docket, FAA Headquarters Building, 800 Independence Avenue, SW., Washington, DC 20591;
2. The FAA Regional Office of the region in which the affected airport is located;
3. The Flight Inspection Area Office which originated the SIAP; or,
4. The Office of **Federal Register**, 800 North Capitol Street, NW., Suite 700, Washington, DC.

*For Purchase—*Individual SIAP copies may be obtained from:

1. FAA Public Inquiry Center (APA-200), FAA Headquarters Building, 800 Independence Avenue, SW., Washington, DC 20591; or
2. The FAA Regional Office of the region in which the affected airport is located.

*By Subscription—*Copies of all SIAPs, mailed once every 2 weeks, are for sale