

(c) 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 airplane to a location where the requirements of this AD can be accomplished.

(d) An alternative method of compliance or adjustment of the compliance times that provides an equivalent level of safety may be approved by the Manager, Atlanta Aircraft Certification Office (ACO), One Crown Center, 1895 Phoenix Boulevard, suite 450, Atlanta, Georgia 30349. The request shall be forwarded through an appropriate FAA Maintenance Inspector, who may add comments and then send it to the Manager, Atlanta ACO.

Note 2: Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the Atlanta ACO.

(e) All persons affected by this directive may obtain copies of the service information referred to herein upon request to the Ayres Corporation, P.O. Box 3090, One Ayres Way, Albany, Georgia 31706-3090; or may examine this service information at the FAA, Central Region, Office of the Regional Counsel, Room 506, 901 Locust, Kansas City, Missouri 64106.

Issued in Kansas City, Missouri, on November 18, 1999.

Marvin R. Nuss,

Acting Manager, Small Airplane Directorate, Aircraft Certification Service.

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 99-NE-25-AD]

RIN 2120-AA64

Airworthiness Directives; Pratt & Whitney JT9D Series Turbofan Engines

AGENCY: Federal Aviation Administration, DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: This document proposes the adoption of a new airworthiness directive (AD) that is applicable to certain Pratt & Whitney JT9D series turbofan engines. This proposal would require installation of an improved No. 4 bearing internal oil pressure tube, initial and repetitive inspections of the No. 4 bearing oil pressure tube for turbine exhaust case (TEC) strut clearance and alignment, and, if necessary, replacement with serviceable parts. This proposal is prompted by loss of integrity in the oil system, which allows oil to migrate into high temperature metal cavities in the

turbine exhaust case and cause oil fires. The actions specified by the proposed AD are intended to prevent oil fires in and around the No. 4 bearing area, which could result in excessive growth of the sixth stage low pressure turbine (LPT) disk, liberation of the sixth stage LPT disk, uncontained engine failure, and damage to the airplane.

DATES: Comments must be received by January 24, 2000.

ADDRESSES: Submit comments to the Federal Aviation Administration (FAA), New England Region, Office of the Regional Counsel, Attention: Rules Docket No. 99-NE-25-AD, 12 New England Executive Park, Burlington, MA 01803-5299. Comments may also be sent via the Internet using the following address: "9-ane-adcomment@faa.gov". Comments sent via the Internet must contain the docket number in the subject line. Comments may be inspected at this location between 8:00 a.m. and 4:30 p.m., Monday through Friday, except Federal holidays.

The service information referenced in the proposed rule may be obtained from Pratt & Whitney, 400 Main St., East Hartford, CT 06108; telephone (860) 565-6600, fax (860) 565-4503. This information may be examined at the FAA, New England Region, Office of the Regional Counsel, 12 New England Executive Park, Burlington, MA.

FOR FURTHER INFORMATION CONTACT:

Chris Gavriel, Aerospace Engineer, Engine Certification Office, FAA, Engine and Propeller Directorate, 12 New England Executive Park, Burlington, MA 01803-5299; telephone (781) 238-7147, fax (781) 238-7199.

SUPPLEMENTARY INFORMATION:

Comments Invited

Interested persons are invited to participate in the making of the proposed rule by submitting such written data, views, or arguments as they may desire. Communications should identify the Rules Docket number and be submitted to the address specified above. All communications received on or before the closing date for comments, specified above, will be considered before taking action on the proposed rule. The proposals contained in this notice may be changed in light of the comments received.

Comments are specifically invited on the overall regulatory, economic, environmental, and energy aspects of the proposed rule. All comments submitted will be available, both before and after the closing date for comments, in the Rules Docket for examination by interested persons. A report summarizing each FAA-public contact

concerned with the substance of this proposal will be filed in the Rules Docket.

Commenters wishing the FAA to acknowledge receipt of their comments submitted in response to this notice must submit a self-addressed, stamped postcard on which the following statement is made: "Comments to Docket Number 99-NE-25-AD." The postcard will be date stamped and returned to the commenter.

Availability of NPRMs

Any person may obtain a copy of this NPRM by submitting a request to the FAA, New England Region, Office of the Regional Counsel, Attention: Rules Docket No. 99-NE-25-AD, 12 New England Executive Park, Burlington, MA 01803-5299.

Discussion

The Federal Aviation Administration (FAA) has received reports of oil fires in and around the No. 4 bearing area on Pratt & Whitney (PW) JT9D series turbofan engines. The investigation revealed that the oil fires were caused by loss of integrity in the oil system, which allows oil to migrate into high temperature metal cavities in the turbine exhaust case (TEC) and cause oil fires. The heat generated by the fire can cause excessive growth of the sixth stage low pressure turbine (LPT) disk. This condition, if not corrected, could result in oil fires in and around the No. 4 bearing area, which could result in excessive growth due to heat of the sixth stage low pressure turbine (LPT) disk, liberation of the sixth stage LPT disk, uncontained engine failure, and damage to the airplane.

Service Information

The FAA has reviewed and approved the technical contents of PW Service Bulletins (SB) No. 5707, dated September 17, 1986, and JT9D-7R4-72-289, dated March 26, 1986, that describe procedures for installation of an improved No. 4 bearing internal oil pressure tube; and PW JT9D Engine Manuals, part numbers (P/Ns) 646028, 777210, 754459, and 785059, that describe TEC inspection procedures.

Proposed Actions

Since an unsafe condition has been identified that is likely to exist or develop on other products of this same type design, the proposed AD would require installation of an improved No. 4 bearing internal oil pressure tube, initial and repetitive inspections of the No. 4 bearing oil pressure tube for TEC strut clearance and alignment, and, if necessary, replacement with serviceable

parts. The actions would be required to be accomplished in accordance with the SB described previously and in accordance with certain sections of the engine manuals.

Economic Analysis

There are approximately 2,310 engines of the affected design in the worldwide fleet. The FAA estimates that (1) 1,183 engines installed on airplanes of U.S. registry would be affected by this proposed AD, (2) it would take approximately 1 work hour per engine to accomplish the proposed actions, and (3) the average labor rate is \$60 per work hour. Required parts would cost approximately \$1,465 per engine. Review of purchase order documents indicate that approximately 1,547 pressure tubes have been sold to the airlines; therefore this action would affect only 763 engines. Based on these figures, the total cost impact of the proposed AD on U.S. operators is estimated to be \$1,163,575.

Regulatory Impact

This proposal does not have federalism implications, as defined in Executive Order No. 13132, because it 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. Accordingly, the FAA has not consulted with state authorities prior to publication of this proposal.

For the reasons discussed above, I certify that 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); and (3) if promulgated, 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. A copy of the draft regulatory evaluation prepared for this action is contained in the Rules Docket. A copy of it may be obtained by contacting the Rules Docket at the location provided under the caption **ADDRESSES**.

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Safety.

The Proposed Amendment

Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration proposes to amend 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. Section 39.13 is amended by adding the following new airworthiness directive:

Pratt & Whitney: Docket No. 99-NE-25-AD.

Applicability: Pratt & Whitney (PW) JT9D-3A, -7, -7A, -7AH, -7H, -7F, -7J, -7Q, -7Q3, -20, -20J, -59A, -70A, and -7R4D series turbofan engines, installed on but not limited to Boeing 747 and 767 and McDonnell Douglas DC-10 series aircraft.

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 (c) 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 oil fires in and around the No. 4 bearing area, which could result in excessive growth due to heat of the sixth stage low pressure turbine (LPT) disk, liberation of the sixth stage LPT disk, uncontained engine failure, and damage to the airplane, accomplish the following:

Installation of Improved Hardware

(a) At the next time when the "N" or "P" flange is disconnected after the effective date of this AD, install an improved No. 4 bearing internal oil pressure tube in accordance with PW Service Bulletin (SB) No. 5707, dated September 17, 1986, and SB JT9D-7R4-72-289, dated March 26, 1986.

Inspections

(b) Perform initial and repetitive inspections of the No. 4 bearing oil pressure tube and turbine exhaust case (TEC) strut for clearance and alignment, and, if necessary, replace with serviceable parts, in accordance with the applicable PW JT9D Engine Manuals, part numbers (P/Ns) 646028, 777210, and 754459, Turbine Exhaust Case Inspection 01, Section 72-53-01, and P/N 785059, Turbine Exhaust Case Inspection 01, Section 72-53-05, as follows:

(1) Initially inspect at the next time when the "N" or "P" flange is disconnected after the effective date of this AD.

(2) Thereafter, inspect at each time when the "N" or "P" flange is disconnected.

Alternative Methods of Compliance

(c) 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 request through an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Engine Certification Office.

Note 2: 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

(d) 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 airplane to a location where the requirements of this AD can be accomplished.

Issued in Burlington, Massachusetts, on October 18, 1999.

David A. Downey,

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

[FR Doc. 99-30630 Filed 11-23-99; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 99-NM-132-AD]

RIN 2120-AA64

Airworthiness Directives; Boeing Model 767 Series Airplanes

AGENCY: Federal Aviation Administration, DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: This document proposes the adoption of a new airworthiness directive (AD) that is applicable to certain Boeing Model 767 series airplanes. This proposal would require repetitive inspections of the side load underwing fitting bushings for broken sealant or bushing migration, and corrective action, if necessary. This proposal would also provide optional terminating action in lieu of repetitive inspections. This proposal is prompted by reports of migrated bushings and corrosion on the side load fittings. The actions specified by the proposed AD are intended to prevent corrosion in the side load underwing fitting, which could result in cracking and consequent reduced structural integrity of the wing strut.

DATES: Comments must be received by January 10, 2000.