

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. A final evaluation has been prepared for this action and it is contained in the Rules Docket. A copy of it may be obtained from the Rules Docket at the location provided under the caption **ADDRESSES**.

List of Subjects in 14 CFR Part 39

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

Adoption of the Amendment

■ Accordingly, pursuant to 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. Section 39.13 is amended by adding the following new airworthiness directive:

2003-16-01 McDonnell Douglas:

Amendment 39-13253. Docket 2001-NM-357-AD.

Applicability: Model MD-11 and -11F airplanes, certificated in any category, as listed in McDonnell Douglas Alert Service Bulletin MD11-33A071, Revision 01, dated September 24, 2001.

Note 1: This AD applies to each airplane 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 airplanes 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 (b) 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 overheating and internal component failure of the dimmer control unit of the overhead instrument lighting, which could result in smoke and/or fire in the flight compartment, accomplish the following:

Modification

(a) Within 18 months after the effective date of this AD: Modify the overhead

instrument lighting by relocating the dimmer control unit and revising the wire routing, in accordance with McDonnell Douglas Alert Service Bulletin MD11-33A071, Revision 01, dated September 24, 2001.

Alternative Methods of Compliance

(b) 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, Los Angeles Aircraft Certification Office (ACO), FAA. Operators shall submit their requests through an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Los Angeles ACO.

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

Special Flight Permits

(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.

Incorporation by Reference

(d) The actions shall be done in accordance with McDonnell Douglas Alert Service Bulletin MD11-33A071, Revision 01, dated September 24, 2001. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from Boeing Commercial Aircraft Group, Long Beach Division, 3855 Lakewood Boulevard, Long Beach, California 90846, Attention: Data and Service Management, Dept. C1-L5A (D800-0024). Copies may be inspected at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington; at the FAA, Los Angeles Aircraft Certification Office, 3960 Paramount Boulevard, Lakewood, California; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

Effective Date

(e) This amendment becomes effective on September 12, 2003.

Issued in Renton, Washington, on July 29, 2003.

Kalene C. Yanamura,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.
[FR Doc. 03-19681 Filed 8-7-03; 8:45 am]

BILLING CODE 4910-13-P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 2003-NM-144-AD; Amendment 39-13254; AD 2003-16-02]

RIN 2120-AA64

Airworthiness Directives; McDonnell Douglas Model DC-10-10, DC-10-10F, DC-10-15, DC-10-30, DC-10-30F (KC10A and KDC-10), DC-10-40, DC-10-40F, MD-10-10F, and MD-10-30F Airplanes

AGENCY: Federal Aviation Administration, DOT.

ACTION: Final rule; request for comments.

SUMMARY: This amendment adopts a new airworthiness directive (AD) that is applicable to certain McDonnell Douglas transport category airplanes listed above. This action requires inspecting the fuel boost/transfer pumps or reviewing the airplane maintenance records to determine the part number of the fuel boost/transfer pumps, and follow-on actions if necessary. This action is necessary to prevent heated localized temperatures within the fuel boost/transfer pumps due to frictional heating, which could result in a potential source of ignition in a fuel tank and consequent fire or explosion. This action is intended to address the identified unsafe condition.

DATES: Effective August 25, 2003.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of August 25, 2003.

Comments for inclusion in the Rules Docket must be received on or before October 7, 2003.

ADDRESSES: Submit comments in triplicate to the Federal Aviation Administration (FAA), Transport Airplane Directorate, ANM-114, Attention: Rules Docket No. 2003-NM-144-AD, 1601 Lind Avenue, SW., Renton, Washington 98055-4056. Comments may be inspected at this location between 9 a.m. and 3 p.m., Monday through Friday, except Federal holidays. Comments may be submitted via fax to (425) 227-1232. Comments may also be sent via the Internet using the following address: 9-anm-iarcomment@faa.gov. Comments sent via fax or the Internet must contain "Docket No. 2003-NM-144-AD" in the subject line and need not be submitted in triplicate. Comments sent via the Internet as attached electronic files must

be formatted in Microsoft Word 97 or 2000 or ASCII text.

The service information referenced in this AD may be obtained from Boeing Commercial Aircraft Group, Long Beach Division, 3855 Lakewood Boulevard, Long Beach, California 90846, Attention: Data and Service Management, Dept. C1-L5A (D800-0024). This information may be examined at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington; or at the FAA, Los Angeles Aircraft Certification Office, 3960 Paramount Boulevard, Lakewood, California; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

FOR FURTHER INFORMATION CONTACT: Philip C. Kush, Aerospace Engineer, Propulsion Branch, ANM-140L, FAA, Los Angeles Aircraft Certification Office, 3960 Paramount Boulevard, Lakewood, California 90712-4137; telephone (562) 627-5263; fax (562) 627-5210.

SUPPLEMENTARY INFORMATION: The FAA has received two reports of evidence of heat damage to the reprime impeller area found during a visual inspection of the fuel pumps on certain Boeing Model 747 series airplanes. The heat discoloration of the damaged parts indicates that the fuel pumps were exposed to high temperatures due to frictional heating between pump components. Such conditions within the pumps can create a potential ignition source and auto-ignition of vapors could occur, which could result in fire or explosion in a fuel tank.

A review of design data by the manufacturer revealed that a fuel boost/transfer pump having Hydro-Aire part number (P/N) 60-847-1A has less internal fuel retention capability than other fuel boost/transfer pumps. It was determined that the smaller fuel retention capability of the Hydro-Aire fuel pumps may intensify the frictional heating. Replacement of the Hydro-Aire fuel pumps with the improved pumps will minimize the risk of a potential ignition source in the fuel tank.

Similar Models

The fuel boost/transfer pumps of the reprime impeller area of the Hydro-Aire P/N 60-847-1A on McDonnell Douglas Model DC-10-10, DC-10-10F, DC-10-15, DC-10-30, DC-10-30F (KC10A and KDC-10), DC-10-40, DC-10-40F, MD-10-10F, and MD-10-30F airplanes are similar to those on Boeing Model 737-600, -700, -700C, -800, and -900 series airplanes, Model 747 series airplanes, and Model 757 series airplanes.

Therefore, all of these models may be subject to the same unsafe condition.

Other Relevant Rulemaking

The FAA has previously issued the following two ADs that concern the fuel boost/transfer pumps on Boeing Model 737-600, -700, -700C, -800, and -900 series airplanes, Model 747 series airplanes, and Model 757 series airplanes:

1. AD 2002-24-51, amendment 39-12992 (68 FR 10, January 2, 2003), applicable all Boeing Model 737-600, -700, -700C, -800, and -900 series airplanes, Model 747 series airplanes, and Model 757 series airplanes, requires revising the Airplane Flight Manual (AFM) to require the flightcrew to maintain certain minimum fuel levels in the center fuel tanks, and, for certain airplanes, to prohibit the use of the horizontal stabilizer fuel tank and certain center auxiliary fuel tanks.

2. AD 2002-24-52, amendment 39-12993 (68 FR 14, January 2, 2003), applicable to all Boeing Model 747-400, -400D, and -400F series airplanes, requires revising the AFM to require the flightcrew to maintain certain minimum fuel levels in the center fuel tanks, and to prohibit the use of the horizontal stabilizer fuel tank. That AD also removes the reference to placards that was specified in the operating limitations required by AD 2002-24-51.

This AD will not affect the current requirements of any of those previously issued ADs.

Explanation of Relevant Service Information

The FAA has reviewed and approved Boeing Alert Service Bulletin (ASB) DC10-28A241, dated April 24, 2003, which describes, among other things, the following:

- Condition 1—Procedures for reviewing the airplane maintenance records to determine if any fuel boost/transfer pump having P/N 60-847-1A is installed. If the records show that none of the pumps have P/N 60-847-1A, no further action is necessary.

- Condition 2—Procedures for a visual inspection to determine if a pump having P/N 60-847-1A is installed. If the inspection shows that no pump having P/N 60-847-1A is installed, no further action is necessary.

- Condition 3, Option 1a.—Procedures to replace the pump with a new pump, if the records or visual inspection verify that a pump having P/N 60-847-1A is installed and replacement pumps are available.

- Condition 3, Option 2a.—Procedures to deactivate any pump

having P/N 60-847-1A if replacement pumps are not available.

- Condition 3, Option 2b.—Procedures to relocate pumps having P/N 60-847-1A, if replacement pumps are not available.

In addition, Appendix A, Recommended Operating Limitations, of the ASB describes certain operating procedures, limitations, and related maintenance actions intended to prevent fuel vapors from coming into contact with a possible ignition source in the fuel tanks.

The accomplishment of certain actions specified in the service bulletin is intended to adequately address the identified unsafe condition.

Explanation of the Requirements of the Rule

Since an unsafe condition has been identified that is likely to exist or develop on other airplanes of the same type design registered in the United States, this AD requires accomplishment of certain actions specified in the service bulletin described previously, except as discussed below.

Differences Between This AD and the Service Bulletin

The service bulletin recommends a review of the airplane maintenance records to determine if a certain P/N for the fuel boost/transfer pump is installed. This AD requires a general visual inspection to determine the P/N. In lieu of the inspection, a review of the airplane maintenance records is acceptable if the P/N of the pump can be positively determined from that review.

While Option 2.b. of the service bulletin recommends replacement of all relocated pumps within 18 months after issue date of the service bulletin, this AD requires only the relocation of the pumps, or deactivation of the pumps having P/N 60-847-1A per the McDonnell Douglas DC-10 Minimum Equipment List.

Appendix A of the service bulletin contains operating limitations and related maintenance actions for fuel boost/transfer pumps having P/N 60-847-1A that are installed in all locations except those boost pumps located in the aft position of the main tanks. This AD does not specify implementation of the operating limitations and related maintenance actions for boost pumps in the aft position of the main tanks since these pumps are always covered with fuel during takeoff, which prevents heated localized temperatures from occurring within the fuel boost/transfer pump due to frictional heating.

Changes to 14 CFR Part 39/Effect on the AD

On July 10, 2002, the FAA issued a new version of 14 CFR part 39 (67 FR 47997, July 22, 2002), which governs the FAA's airworthiness directives system. The regulation now includes material that relates to altered products, special flight permits, and alternative methods of compliance (AMOCs). Because we have now included this material in part 39, only the office authorized to approve AMOCs is identified in each individual AD.

Determination of Rule's Effective Date

Since a situation exists that requires the immediate adoption of this regulation, it is found that notice and opportunity for prior public comment hereon are impracticable, and that good cause exists for making this amendment effective in less than 30 days.

Comments Invited

Although this action is in the form of a final rule that involves requirements affecting flight safety and, thus, was not preceded by notice and an opportunity for public comment, comments are invited on this rule. Interested persons are invited to comment on this rule by submitting such written data, views, or arguments as they may desire. Communications shall identify the Rules Docket number and be submitted in triplicate to the address specified under the caption **ADDRESSES**. All communications received on or before the closing date for comments will be considered, and this rule may be amended in light of the comments received. Factual information that supports the commenter's ideas and suggestions is extremely helpful in evaluating the effectiveness of the AD action and determining whether additional rulemaking action would be needed.

Submit comments using the following format:

- Organize comments issue-by-issue. For example, discuss a request to change the compliance time and a request to change the service bulletin reference as two separate issues.
- For each issue, state what specific change to the AD is being requested.
- Include justification (*e.g.*, reasons or data) for each request.

Comments are specifically invited on the overall regulatory, economic, environmental, and energy aspects of the rule that might suggest a need to modify the 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 that summarizes each FAA-public contact concerned with the substance of this AD will be filed in the Rules Docket.

Commenters wishing the FAA to acknowledge receipt of their comments submitted in response to this rule must submit a self-addressed, stamped postcard on which the following statement is made: "Comments to Docket Number 2003-NM-144-AD." The postcard will be date stamped and returned to the commenter.

Regulatory Impact

The regulations adopted herein 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. Therefore, it is determined that this final rule does not have federalism implications under Executive Order 13132.

The FAA has determined that this regulation is an emergency regulation that must be issued immediately to correct an unsafe condition in aircraft, and that it is not a "significant regulatory action" under Executive Order 12866. It has been determined further that this action involves an emergency regulation under DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979). If it is determined that this emergency regulation otherwise would be significant under DOT Regulatory Policies and Procedures, a final regulatory evaluation will be prepared and placed in the Rules Docket. A copy of it, if filed, may be obtained from the Rules Docket at the location provided under the caption **ADDRESSES**.

List of Subjects in 14 CFR Part 39

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

Adoption of the Amendment

■ Accordingly, pursuant to 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. Section 39.13 is amended by adding the following new airworthiness directive:

2003-16-02 McDonnell Douglas:

Amendment 39-13254. Docket 2003-NM-144-AD.

Applicability: Model DC-10-10, DC-10-10F, DC-10-15, DC-10-30, DC-10-30F (KC10A and KDC-10), DC-10-40, DC-10-40F, MD-10-10F, and MD-10-30F airplanes; as listed in Boeing Alert Service Bulletin (ASB) DC10-28A241, dated April 24, 2003; certificated in any category.

Compliance: Required as indicated, unless accomplished previously.

To prevent heated localized temperatures within the fuel boost/transfer pumps due to frictional heating, which could result in a potential source of ignition in a fuel tank and consequent fire or explosion, accomplish the following:

Inspection/Records Review/Follow-on Actions

(a) Within 90 days after the effective date of this AD: Do a general visual inspection of the fuel boost/transfer pumps to determine if Hydro-Aire part number (P/N) 60-847-1A is installed. Instead of inspecting the pumps, a review of the airplane maintenance records is acceptable if the P/N of the pumps can be positively determined from that review. Do the actions per the Work Instructions of Boeing Alert Service Bulletin DC10-28A241, dated April 24, 2003.

(1) If the inspection and/or records verify that no pump having P/N 60-847-1A is installed, no further action is required by this paragraph.

(2) If the inspection and/or records verify that a pump having P/N 60-847-1A is installed, do the applicable actions specified in paragraph (b) of this AD.

Note 1: For the purposes of this AD, a general visual inspection is defined as: "A visual examination of an interior or exterior area, installation, or assembly to detect obvious damage, failure, or irregularity. This level of inspection is made from within touching distance unless otherwise specified. A mirror may be necessary to enhance visual access to all exposed surfaces in the inspection area. This level of inspection is made under normally available lighting conditions such as daylight, hangar lighting, flashlight, or droplight and may require removal or opening of access panels or doors. Stands, ladders, or platforms may be required to gain proximity to the area being checked."

(b) With the exception of fuel boost pumps having P/N 60-847-1A that are located in the aft position of the main tanks: Do the applicable actions specified in paragraph (b)(1) or (b)(2) of this AD, at the applicable times specified, per the Work Instructions of Boeing Alert Service Bulletin DC10-28A241, dated April 24, 2003.

(1) If replacement pumps having either P/N 60-847-2 or P/N 60-847-3 are available, within 90 days after the effective date of this AD, replace the pumps per Option 1 of Condition 3 of the ASB. With the exception of paragraph (c) of this AD, this constitutes terminating action for the requirements of this AD.

(2) If replacement pumps are not available, do the actions specified in paragraph (b)(2)(i), (b)(2)(ii), or (b)(2)(iii) of this AD within 90 days after the effective date of this AD.

(i) Deactivate pumps having P/N 60-847-1A per the McDonnell Douglas DC-10 Minimum Equipment List (MEL) and replace the pump with a pump having P/N 60-847-2 or 60-847-3 within the time limitations specified in the MEL, per Option 2a. of Condition 3 of the ASB.

(ii) Relocate the pumps per Option 2b. of Condition 3 of the ASB. Or,

(iii) Insert Appendix A of the ASB into the Limitations Section of the Airplane Flight Manual.

Note 2: Fuel boost pumps having P/N 60-847-1A that are located in the aft position of the main tanks are always covered with fuel during takeoff; therefore, operating the airplane per the operations limitations specified in Appendix A of Boeing Alert Service Bulletin DC10-28A241, dated April 24, 2003, is unnecessary.

Parts Installation

(c) As of the effective date of this AD, no person shall replace a fuel boost/transfer pump on any airplane with a fuel boost/transfer pump having Hydro-Aire P/N 60-847-1A, unless that pump is installed in the aft position of the main tanks. A fuel boost/transfer pump having Hydro-Aire P/N 60-847-1A that is removed for inspection per paragraph (a) of this AD may be reinstalled until paragraph (b) of this AD is complied with.

Alternative Methods of Compliance

(d) In accordance with 14 CFR 39.19, the Manager, Los Angeles Aircraft Certification Office, FAA, is authorized to approve alternative methods of compliance for this AD.

Incorporation by Reference

(e) Unless otherwise specified in this AD, the actions shall be done per Boeing Alert Service Bulletin DC10-28A241, dated April 24, 2003. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from Boeing Commercial Aircraft Group, Long Beach Division, 3855 Lakewood Boulevard, Long Beach, California 90846, Attention: Data and Service Management, Dept. C1-L5A (D800-0024). Copies may be inspected at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington; or at the FAA, Los Angeles Aircraft Certification Office, 3960 Paramount Boulevard, Lakewood, California; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

Effective Date

(f) This amendment becomes effective on August 25, 2003.

Issued in Renton, Washington, on July 29, 2003.

Ali Bahrami,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.
[FR Doc. 03-19682 Filed 8-7-03; 8:45 am]

BILLING CODE 4910-13-P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 2002-NE-41-AD; Amendment 39-13258; AD 2003-16-05]

RIN 2120-AA64

Airworthiness Directives; Pratt & Whitney JT8D-200 Series Turbofan Engines

AGENCY: Federal Aviation Administration, DOT.

ACTION: Final rule.

SUMMARY: This amendment adopts a new airworthiness directive (AD) that applies to Pratt & Whitney (PW) JT8D-209, -217, -217A, -217C, and -219 series turbofan engines. This amendment requires removal and replacement of protective coating of the 7th and 9th through 12th stage high pressure compressor (HPC) disks and the 8th stage HPC hub, initial and repetitive inspections for corrosion pits and cracks, and removal from service as required. This amendment is prompted by reports from operators of cracks observed in JT8D engine steel HPC disks. We are issuing this AD to prevent fracture of the 7th and 9th through 12th stage HPC disks and 8th stage HPC hub, resulting in uncontained engine failure and damage to the airplane.

DATES: Effective September 12, 2003.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of September 12, 2003.

ADDRESSES: The service information referenced in this AD may be obtained from Pratt & Whitney, 400 Main St., East Hartford, CT 06108; telephone (860) 565-8770; fax (860) 565-4503. This information may be examined, by appointment, at the Federal Aviation Administration (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:

Christopher Spinney, Aerospace Engineer, Engine Certification Office, FAA, Engine and Propeller Directorate, 12 New England Executive Park, Burlington, MA 01803-5299; telephone (781) 238-7175; fax (781) 238-7199.

SUPPLEMENTARY INFORMATION: A

proposal to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) to include an AD that is applicable to PW JT8D-209, -217, -217A, -217C, and

-219 series turbofan engines was published in the **Federal Register** on March 25, 2003 (68 FR 14351). That action proposed to require removal and replacement of protective coating of the 7th and 9th through 12th stage HPC disks and the 8th stage HPC hub, initial and repetitive inspections for corrosion pits and cracks, and removal from service as required in accordance with PW alert service bulletin (ASB) JT8D A6435, Revision 1, dated March 7, 2003.

Comments

Interested persons have been afforded an opportunity to participate in the making of this amendment. Due consideration has been given to the comments received.

Disk Tracking

One commenter requests that the disks inspected using PW ASB JT8D 6435, Revision 1, dated March 7, 2003, as well as all new disks, be tracked by the engine release date recorded on FAA 337 form or equivalent rather than per individual disk inspection dates. The commenter feels that this would significantly reduce the burden on airline records departments, especially for large operators, because the time between the disk inspection and the engine release date is typically not more than a few weeks.

The FAA does not agree. There is no way to ensure that the time between the disk inspection and the engine release date will always be a short or controlled amount of time. Some operators or repair facilities may elect to store disks in their inventory for long periods of time. Unless these disks are preserved using instructions in the ASB, the time in storage must be counted in the accumulation of time to the next inspection because the corrosion protective coatings begin to degrade while in storage without proper preservation. However, if an operator can show that their particular operation will always result in short controlled times between inspection and installation and can demonstrate that an acceptable level of safety is maintained, they may apply for relief in accordance with paragraph (d) of this AD.

After careful review of the available data, including the comment noted above, the FAA has determined that air safety and the public interest require the adoption of the rule as proposed.

Regulatory Analysis

This final rule does not have federalism implications, as defined in Executive Order 13132, because it would not have a substantial direct effect on the States, on the relationship