

**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:

**McDonnell Douglas:** Docket 2000–NM–150–AD.

*Applicability:* All Model DC–9–81 (MD–81), DC–9–82 (MD–82), DC–9–83 (MD–83), DC–9–87 (MD–87), and MD–88 airplanes; certificated in any category.

*Compliance:* Required as indicated, unless accomplished previously.

**Note 1:** The FAA recommends that the actions required by this AD be accomplished after replacing the metallized polyethyleneterephthalate (MPET) insulation

blankets, as required by AD 2000–11–02, amendment 39–11750.

To prevent smoke and fire in various areas of the airplane due to heat damage and/or electrical arcing of improperly installed wiring, accomplish the following:

**Inspection**

(a) Within 6 years after the effective date of this AD: Perform a detailed inspection to detect discrepancies of exposed electrical wiring installations as specified in Table 1 of this AD. Specific discrepancies are listed in paragraph 3.B.3. of each service bulletin. Prior to further flight thereafter, perform corrective actions in accordance with the service bulletin, as applicable. Table 1 follows:

TABLE 1.—INSPECTION REQUIREMENTS

Inspect the electrical wiring installations in the—	In accordance with the following McDonnell Douglas Service Bulletin:
(1) Flight compartment and forward drop ceiling .....	MD80–24–176, Revision 02, dated January 21, 2003.
(2) Electrical/electronic compartment .....	MD80–24–177, Revision 02, dated January 21, 2003.
(3) Forward passenger compartment from stations Y=218.000 to Y=846.000.	MD80–24–178, Revision 02, dated January 21, 2003.
(4) Aft passenger compartment from stations Y=846.000 to Y=1338.000.	MD80–24–179, Revision 02, dated January 21, 2003.
(5) Forward and mid cargo compartments from stations Y=218.000 to Y=811.000.	MD80–24–180, Revision 02, dated January 21, 2003.
(6) Aft cargo compartment from stations Y=1033.000 to Y=1338.000 ....	MD80–24–181, Revision 02, dated January 21, 2003.
(7) Forward accessory compartment from stations Y=41.000 to Y=70.000.	MD80–24–182, Revision 02, dated January 21, 2003.

**Note 2:** For the purposes of this AD, a detailed inspection is defined as: “An intensive visual examination of a specific structural area, system, installation, or assembly to detect damage, failure, or irregularity. Available lighting is normally supplemented with a direct source of good lighting at intensity deemed appropriate by the inspector. Inspection aids such as mirror, magnifying lenses, etc., may be used. Surface cleaning and elaborate access procedures may be required.”

(b) Although the service bulletins identified in Table 1 of this AD specify that operators provide a report of inspection findings, this AD does not require such information.

(c) An inspection done before the effective date of this AD is acceptable for compliance with the inspection requirements of this AD, if accomplished in accordance with the corresponding service bulletin identified in Table 1 of this AD, original version, dated July 14, 2000; or Revision 01, dated June 12, 2001.

**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.

Issued in Renton, Washington, on July 18, 2003.

**Ali Bahrami,**

*Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.*

[FR Doc. 03–18786 Filed 7–23–03; 8:45 am]

**BILLING CODE 4910–13–P**

**DEPARTMENT OF TRANSPORTATION**

**Federal Aviation Administration**

**14 CFR Part 39**

[Docket No. 2001–NM–161–AD]

RIN 2120–AA64

**Airworthiness Directives; McDonnell Douglas Model MD–11 and –11F 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 McDonnell Douglas Model MD–11 and –11F airplanes. This proposal would require revising the wire connection stackups for the terminal strip of the generator feeder tail compartment of the auxiliary power

unit (APU), and removing a nameplate, as applicable. For certain airplanes, this proposal also would require replacing the terminal strips and revising the terminal hardware stackup for the feeder of the center cargo loading system. This action is necessary to prevent arcing damage to the terminal strips and damage to the adjacent structure, which could result in smoke and/or fire in the center and/or aft cargo compartments. This action is intended to address the identified unsafe condition.

**DATES:** Comments must be received by September 8, 2003.

**ADDRESSES:** Submit comments in triplicate to the Federal Aviation Administration (FAA), Transport Airplane Directorate, ANM–114, Attention: Rules Docket No. 2001–NM–161–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-nprmcomment@faa.gov*. Comments sent via fax or the Internet must contain “Docket No. 2001–NM–161–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 for Windows or ASCII text.

The service information referenced in the proposed rule 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.

**FOR FURTHER INFORMATION CONTACT:** Brett Portwood, Aerospace Engineer, Systems and Equipment Branch, ANM-130L, FAA, Los Angeles Aircraft Certification Office, 3960 Paramount Boulevard, Lakewood, California 90712; telephone (562) 627-5350; fax (562) 627-5210.

**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 shall identify the Rules Docket number and be submitted in triplicate 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 action may be changed in light of the comments received.

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 proposed 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 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 action must submit a self-addressed, stamped postcard on which the following statement is made: "Comments to Docket Number 2001-NM-161-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, Transport Airplane Directorate, ANM-114, Attention: Rules Docket No. 2001-NM-161-AD, 1601 Lind Avenue, SW., Renton, Washington 98055-4056.

**Discussion**

As part of its practice of re-examining all aspects of the service experience of a particular aircraft whenever an accident occurs, the FAA has become aware of an incident in which arcing occurred between the power feeder cables and support bracket of the terminal strips on a McDonnell Douglas Model MD-11 airplane. Investigation revealed that inadequate clearance exists between the terminal strips and associated support brackets in the center and aft cargo compartments. This condition, if not corrected, could result in arcing damage to the terminal strips and damage to the adjacent structure, which could result in smoke and/or fire in the center and/or aft cargo compartments.

The terminal strips and associated support brackets in the center and aft cargo compartments on certain McDonnell Douglas Model MD-11F airplanes are identical to those on the affected Model MD-11 airplanes. Therefore, both of these models may be subject to the same unsafe condition.

**Other Related Rulemaking**

The FAA, in conjunction with Boeing and operators of Model MD-11 and -11F airplanes, has reviewed all aspects of the service history of those airplanes to identify potential unsafe conditions and to take appropriate corrective actions. This proposed airworthiness directive (AD) is one of a series of corrective actions identified during that process. We have previously issued several other ADs and may consider further rulemaking actions to address the remaining identified unsafe conditions.

**Explanation of Relevant Service Information**

We have reviewed and approved McDonnell Douglas Alert Service Bulletin MD11-24A173, Revision 02, dated May 2, 2002, including Evaluation Form. The service bulletin describes procedures for revising the wire

connection stackups for the terminal strip of the generator feeder tail compartment of the auxiliary power unit (APU), and removing a nameplate, as applicable. For certain airplanes, the service bulletin also describes procedures for replacing the terminal strips and revising the terminal hardware stackup for the feeder of the center cargo loading system. Accomplishment of the actions specified in the service bulletin is intended to adequately address the identified unsafe condition.

**Explanation of Requirements of Proposed Rule**

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 accomplishment of the applicable actions specified in the service bulletin described previously, except as discussed below.

**Differences Between Proposed AD and Service Bulletin**

Operators should note that the service bulletin specifies to repair damaged structure per the Structural Repair Manual (SRM). However, the SRM does not provide procedures for repair of certain structural material. Therefore, this proposed AD would require the repair of damaged structure that is not covered in the SRM to be accomplished per a method approved by us.

Although the referenced service bulletin describes procedures for completion and submission of an inspection report and service bulletin evaluation, this proposed AD would not require those actions.

**Changes to 14 CFR Part 39/Effect on the Proposed 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.

**Cost Impact**

There are approximately 154 Model MD-11 and -11F airplanes of the affected design in the worldwide fleet. We estimate that 67 airplanes of U.S. registry would be affected by this proposed AD, that it would take approximately between 1 and 2 work hours per airplane (depending on the

airplane configuration) to accomplish the proposed actions, and that the average labor rate is \$65 per work hour. Required parts would cost approximately \$102 per airplane. Based on these figures, the cost impact of the proposed AD on U.S. operators is estimated to be between \$11,189 and \$15,544, or between \$167 and \$232 per airplane (depending on the airplane configuration).

The cost impact figure discussed above is based on assumptions that no operator has yet accomplished any of the proposed requirements of this AD action, and that no operator would accomplish those actions in the future if this proposed AD were not adopted. However, for affected airplanes within the period under the warranty agreement, we have been advised that the manufacturer has committed previously to its customers that it will bear the cost of replacement parts. We also have been advised that manufacturer warranty remedies are available for labor costs associated with accomplishing the actions required by this proposed AD. Therefore, the future economic cost impact of this AD may be less than the cost impact figure indicated above.

The cost impact figures discussed in AD rulemaking actions represent only the time necessary to perform the specific actions actually required by the AD. These figures typically do not include incidental costs, such as the time required to gain access and close up, planning time, or time necessitated by other administrative actions.

### Regulatory Impact

The regulations proposed herein 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. Therefore, it is determined that this proposal would not have federalism implications under Executive Order 13132.

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:

**McDonnell Douglas:** Docket 2001–NM–161–AD.

*Applicability:* Model MD–11 and –11F airplanes, as listed in McDonnell Douglas Alert Service Bulletin MD11–24A173, Revision 02, dated May 2, 2002; certificated in any category.

*Compliance:* Required as indicated, unless accomplished previously.

To prevent arcing damage to the terminal strips and damage to the adjacent structure, which could result in smoke and/or fire in the center and/or aft cargo compartments, accomplish the following:

#### For Group 1 and Group 2 Airplanes: Revise Wire Connection Stackups, Remove Nameplate, and Inspect for Damage

(a) For Group 1 and Group 2 airplanes listed in McDonnell Douglas Alert Service Bulletin MD11–24A173, Revision 02, dated May 2, 2002, excluding Evaluation Form: Within 18 months after the effective date of this AD, do the actions specified in paragraphs (a)(1) and (a)(2) of this AD per the service bulletin. Although the service bulletin references a reporting requirement in paragraph 4, "Appendix," such reporting is not required by this AD.

(1) Revise the wire connection stackups for the terminal strip of the generator feeder tail compartment of the auxiliary power unit (APU), and remove the nameplate, as applicable.

(2) Do a general visual inspection to detect arcing damage of the surrounding structure, adjacent system components, and electrical cables in the center cargo and aft cargo compartments.

**Note:** 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 under normally available lighting conditions such as daylight, hangar lighting, flashlight, or drop-

light, 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."

#### For Group 2 Airplanes: Replace Terminal Strips, Revise Terminal Hardware Stackup, Remove Nameplate, and Inspect for Damage

(b) For Group 2 airplanes listed in McDonnell Douglas Alert Service Bulletin MD11–24A173, Revision 02, dated May 2, 2002, excluding Evaluation Form: Within 18 months after the effective date of this AD, do the actions specified in paragraphs (b)(1) and (b)(2) of this AD per the service bulletin. Although the service bulletin references a reporting requirement in paragraph 4, "Appendix," such reporting is not required by this AD.

(1) Replace the terminal strips and revise the terminal hardware stackup for the feeder of the center cargo loading system, and remove the nameplate, as applicable.

(2) Do a general visual inspection to detect arcing damage of the surrounding structure, adjacent system components, and electrical cables in the center cargo and aft cargo compartments.

#### Corrective Action if Necessary

(c) If any damage is detected during the inspection required by paragraph (a) or (b) of this AD, before further flight, repair damage or replace the damaged part with a new part, per McDonnell Douglas Alert Service Bulletin MD11–24A173, Revision 02, dated May 2, 2002, excluding Evaluation Form. If the type of structural material that has been damaged is not covered in the Structural Repair Manual, repair per a method approved by the Manager, Los Angeles Aircraft Certification Office (ACO), FAA. Although the service bulletin references a reporting requirement in paragraph 4, "Appendix," such reporting is not required by this AD.

#### Alternative Methods of Compliance

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

Issued in Renton, Washington, on July 17, 2003.

**Ali Bahrami,**

*Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.*

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## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. 2001–NM–163–AD]

RIN 2120–AA64

#### Airworthiness Directives; McDonnell Douglas Model MD–11 and –11F Airplanes

**AGENCY:** Federal Aviation Administration, DOT.