

insulation blankets outboard and aft of the receptacle area, and adjacent power cables, which could result in smoke and fire in the forward cargo compartment, accomplish the following:

Replacement and Reroute

(a) Within 12 months after the effective date of this AD, accomplish the actions specified in paragraph (a)(1) or (a)(2) of this AD, as applicable, in accordance with McDonnell Douglas Alert Service Bulletin MD11-24A138, dated April 3, 2000.

(1) For Group 1 airplanes listed in the service bulletin: Replace the ground support brackets with new brackets and reroute the ground cables of the galley external power and main external power.

(2) For Group 2 airplanes listed in the service bulletin: Replace the ground support bracket and reroute the ground cables of the main external power.

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 Permit

(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 MD11-24A138, dated April 3, 2000. 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: Technical Publications Business Administration, Dept. C1-L51 (2-60). 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

(e) This amendment becomes effective on January 8, 2001.

Issued in Renton, Washington, on November 22, 2000.

Donald L. Riggan,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. 00-30438 Filed 12-1-00; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 2000-NM-35-AD; Amendment 39-12021; AD 2000-24-14]

RIN 2120-AA64

Airworthiness Directives; McDonnell Douglas Model MD-11 Series Airplanes

AGENCY: Federal Aviation Administration, DOT.

ACTION: Final rule.

SUMMARY: This amendment adopts a new airworthiness directive (AD), applicable to certain McDonnell Douglas Model MD-11 series airplanes, that requires an inspection of the electrical wires routed above the door actuation cables for minimum .50-inch clearance with the door in the open and closed position, damage due to chafing or electrical arcing, or damaged door actuation cables; and corrective actions, if necessary. This action is necessary to prevent damaged electrical wires or damaged door actuation cables due to chafing by the cables during operation of the forward passenger door, which could result in electrical arcing and consequent smoke in the area above the forward passenger door. This action is intended to address the identified unsafe condition.

DATES: Effective January 8, 2001.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of January 8, 2001.

ADDRESSES: 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: Technical Publications Business Administration, Dept. C1-L51 (2-60). This information may be examined at the Federal Aviation Administration (FAA), Transport Airplane Directorate, Rules Docket, 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: Brett Portwood, Aerospace Engineer, Systems and Equipment Branch, ANM-130L, FAA, Transport Airplane Directorate, Los Angeles Aircraft Certification Office, 3960 Paramount Boulevard, Lakewood, California 90712-4137; telephone (562) 627-5350; fax (562) 627-5210.

SUPPLEMENTARY INFORMATION: A proposal to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) to include an airworthiness directive (AD) that is applicable to certain McDonnell Douglas Model MD-11 series airplanes was published in the **Federal Register** on July 27, 2000 (65 FR 46216). That action proposed to require an inspection of the electrical wires routed above the door actuation cables for minimum .50-inch clearance with the door in the open and closed position, damage due to chafing or electrical arcing, or damaged door actuation cables; and corrective actions, if necessary.

Comments

Interested persons have been afforded an opportunity to participate in the making of this amendment. No comments were submitted in response to the proposal or the FAA's determination of the cost to the public.

Conclusion

The FAA has determined that air safety and the public interest require the adoption of the rule as proposed.

Cost Impact

There are approximately 187 Model MD-11 series airplanes of the affected design in the worldwide fleet. The FAA estimates that 64 airplanes of U.S. registry will be affected by this AD, that it will take approximately 2 work hours per airplane to accomplish the required inspection, and that the average labor rate is \$60 per work hour. Based on these figures, the cost impact of the inspection required by this AD on U.S. operators is estimated to be \$7,680, or \$120 per airplane.

The cost impact figure discussed above is based on assumptions that no operator has yet accomplished any of the requirements of this AD action, and that no operator would accomplish those actions in the future if this AD were not adopted. 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 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.

For the reasons discussed above, I certify that this action (1) is not a "significant regulatory action" under Executive Order 12866; (2) is not a "significant rule" under 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. 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:

2000-24-14 McDonnell Douglas:

Amendment 39-12021, Docket 2000-NM-35-AD.

Applicability: Model MD-11 series airplanes, as listed in McDonnell Douglas Alert Service Bulletin MD11-24A182, dated April 3, 2000; certificated in any category.

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 (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 damaged electrical wires or damaged door actuation cables due to chafing by the cables during operation of the forward passenger door, which could result in electrical arcing and consequent smoke in the area above the forward passenger door, accomplish the following:

Inspection

(a) Except as provided by paragraph (b) of this AD, within 6 months after the effective date of this AD, perform a one-time general visual inspection of the electrical wires routed above the door actuation cables for minimum .50-inch clearance with the door in the open and closed position, damage due to chafing or electrical arcing, or damaged door actuation cables, in accordance with McDonnell Douglas Alert Service Bulletin MD11-24A182, dated April 3, 2000.

Note 2: 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."

Condition 1 (Minimum Clearance and No Chafed Electrical Wiring or Damaged Door Actuation Cables)

(1) If minimum .50-inch clearance exists between the electrical wires and door actuation cables with the door in the open and closed positions, and if no chafed electrical wiring or damaged door actuation cable is detected, no further action is required by this AD.

Condition 2 (Less Than Minimum Clearance, No Chafed Electrical Wiring or Damaged Door Actuation Cables)

(2) If less than .50-inch clearance exists between the electrical wires and door actuation cables with the door in the open and closed positions, and if no chafed electrical wiring or damaged door actuation cable is detected, before further flight, loosen wire clamps as necessary, reposition electrical wires to provide minimum clearance, and tighten wire clamps, in accordance with the service bulletin.

Condition 3 (Less Than Minimum Clearance, Chafed Electrical Wiring or Damaged Door Actuation Cables)

(3) If less than .50-inch clearance exists between the electrical wires and door

actuation cables with the door in the open and closed positions, and if any chafed electrical wiring or damaged door actuation cable is detected, before further flight, replace damaged electrical wires with new wires or repair damaged wires, loosen wire clamps as necessary, reposition electrical wires to provide minimum clearance, tighten wire clamps, and replace damaged door actuation cables with new cables, in accordance with the service bulletin.

Exception to Inspection Required in Paragraph (a) of This AD

(b) For Model MD-11 series airplanes, the inspection required by paragraph (a) of this AD is only applicable to functioning doors. For Model MD-11F series airplanes or Model MD-11 series airplanes converted to a freighter configuration, equipped with one or more disabled non-functioning doors that do not have door actuating cables, the inspection is NOT required for those disabled doors.

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, 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 3: 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 Permit

(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.

Incorporation by Reference

(e) The actions shall be done in accordance with McDonnell Douglas Alert Service Bulletin MD11-24A182, dated April 3, 2000. 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: Technical Publications Business Administration, Dept. C1-L51 (2-60). 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 January 8, 2001.

Issued in Renton, Washington, on November 22, 2000.

Donald L. Riggan,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 2000-NM-36-AD; Amendment 39-12022; AD 2000-24-15]

RIN 2120-AA64

Airworthiness Directives; McDonnell Douglas Model MD-11 Series Airplanes

AGENCY: Federal Aviation Administration, DOT.

ACTION: Final rule.

SUMMARY: This amendment adopts a new airworthiness directive (AD), applicable to certain McDonnell Douglas Model MD-11 series airplanes, that requires a one-time detailed visual inspection to detect discrepancies of all electrical wiring installations in various areas of the airplane; and corrective actions, if necessary. This amendment is necessary to prevent electrical arcing and/or heat damaged wires due to improper wire installations during manufacture and/or maintenance of the airplane, and consequent fire and smoke in various areas of the airplane. This amendment is intended to address the identified unsafe condition.

DATES: Effective January 8, 2001.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of January 8, 2001.

ADDRESSES: 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: Technical Publications Business Administration,

Dept. C1-L51 (2-60). This information may be examined at the Federal Aviation Administration (FAA), Transport Airplane Directorate, Rules Docket, 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: Brett Portwood, Aerospace Engineer, Systems and Equipment Branch, ANM-130L, FAA, Los Angeles Aircraft Certification Office, 3960 Paramount Boulevard, Lakewood, California 90712-4137; telephone (562) 627-5350; fax (562) 627-5210.

SUPPLEMENTARY INFORMATION: A proposal to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) to include an airworthiness directive (AD) that is applicable to certain McDonnell Douglas Model MD-11 series airplanes was published in the **Federal Register** on July 27, 2000 (65 FR 46218). That action proposed to require a one-time detailed visual inspection to detect discrepancies of all electrical wiring installations in various areas of the airplane; and corrective actions, if necessary.

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.

Request for Reporting Requirement

One commenter requests that the FAA add a reporting requirement for the inspection findings. The commenter states that serious reporting is not possible using the reporting sheet attached to the referenced Boeing service bulletin. The commenter believes that it is important to collect the details of the inspection results using a database.

The FAA does not concur. The FAA understands the need to collect useful data in a consistent, detailed manner when investigating possible wiring

service difficulties. However, the FAA has already conducted an extensive investigation of the wiring on McDonnell Douglas Model MD-11 series airplanes. As part of the investigation, the FAA has performed its own inspections on numerous in-service and in-production airplanes. The FAA has analyzed the data from the inspections and incorporated follow-on actions as part of a comprehensive corrective action plan; this AD is part of that plan. Therefore, the FAA has determined that the need for a reporting requirement for the required inspections to detect and correct minor wiring discrepancies in various areas of the airplane is not necessary.

Revise Corrective Action

One commenter notes that paragraph (c) of the NPRM reads, "If no gap between the wire bundle and blanket can be seen when pressure is applied to the blanket, before further flight, reposition wires or clamps so that a gap can be seen when pressure is applied to the blanket." The commenter asks, "Will this requirement be valid for all the wire gauges in every area? Does this requirement replace the existing DPS 1.834-7, Par. 4.1.12.1?"

From these questions, the FAA infers that the commenter is requesting that the scope of the corrective action specified in paragraph (c) of the NPRM apply only to wiring that is routed over structural frames. The FAA concurs. In its attempt to provide instructions for accomplishing certain corrective actions, which were not provided in the referenced service bulletin (discussed in the preamble of the NPRM), the FAA did not carry forward the scope of the test requirement into the corrective action specified in paragraph (c) of the AD. For clarification purposes, the FAA has revised paragraph (c) of the final rule to read, "If no gap between the wire bundle and blanket can be seen where the wiring is routed over structural frames * * *."

Actions Since Issuance of the NPRM

The FAA has reviewed and approved the following service bulletins:

Service bulletin	Revision level	Date
McDonnell Douglas Service Bulletin MD11-24-171	Revision 01	November 6, 2000.
McDonnell Douglas Service Bulletin MD11-24-170	Revision 01	November 6, 2000.
Boeing Service Bulletin MD11-24-167, including Appendix	Revision 01	November 6, 2000.
Boeing Service Bulletin MD11-24-165, including Appendix	Revision 01	November 6, 2000.
Boeing Service Bulletin MD11-24-163, including Appendix	Revision 01	November 6, 2000.
McDonnell Douglas Service Bulletin MD11-24-188	Revision 01	November 6, 2000.
McDonnell Douglas Service Bulletin MD11-24-161	Revision 01	November 6, 2000.
McDonnell Douglas Service Bulletin MD11-24-162	Revision 01	November 6, 2000.