

which are reimbursed with project funds, are documented by a purchase order, invoice, or contract;

\* \* \* \* \*

6. In newly redesignated § 1484.36, paragraph (a) introductory text is revised to read as follows:

**§ 1484.36 How do Cooperators dispose of disposable property?**

(a) Property purchased by the Cooperator, and for which the Cooperator is reimbursed with project funds, that is unusable, unserviceable, or no longer needed for project purposes shall be disposed of in one of the following ways. The Cooperator may:

\* \* \*

\* \* \* \* \*

**§§ 1484.38, 1484.73, 1484.74, 1484.75 [Amended]**

7. In newly redesignated §§ 1484.38, 1484.73, 1484.74(c), and 1484.75, remove the word "FAS" and add, in its place, the words "Commodity Credit Corporation."

Signed at Washington, DC, on February 15, 2000.

**Timothy J. Galvin,**

*Administrator, Foreign Agricultural Service, and Vice President, Commodity Credit Corporation.*

[FR Doc. 00-4168 Filed 2-24-00; 8:45 am]

**BILLING CODE 3410-10-M**

**DEPARTMENT OF TRANSPORTATION**

**Federal Aviation Administration**

**14 CFR Part 25**

**[Docket No. NM168; Special Conditions No. 25-156-SC]**

**Special Conditions: McDonnell Douglas Model MD-10-10/10F and MD10-30/30F Airplanes; High Intensity Radiated Fields (HIRF).**

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Final special conditions; request for comments.

**SUMMARY:** These special conditions are issued for Model MD-10-10/10F and MD10-30/30F airplanes, manufactured by the McDonnell Douglas Corporation, now a wholly owned subsidiary of The Boeing Company. These airplanes will have novel and unusual design features when compared to the state of technology envisioned in the airworthiness standards for transport category airplanes. These airplanes will utilize electrical and electronic systems that perform critical functions. The

applicable type certification regulations do not contain adequate or appropriate safety standards for the protection of this system from the effects of high-intensity radiated fields (HIRF). These special conditions contain the additional safety standards that the Administrator considers necessary to establish a level of safety equivalent to that provided by the existing airworthiness standards.

**DATES:** The effective date of these special conditions is February 15, 2000. Comments must be received on or before March 27, 2000.

**ADDRESSES:** Comments on these special conditions may be mailed in duplicate to: Federal Aviation Administration, Transport Airplane Directorate, Attention: Rules Docket (ANM-114), Docket No. NM168, 1601 Lind Avenue SW., Renton, Washington, 98055-4056; or delivered in duplicate to the Transport Airplane Directorate at the above address. Comments must be marked: Docket No. NM168. Comments may be inspected in the Rules Docket weekdays, except Federal holidays, between 7:30 a.m. and 4 p.m.

**FOR FURTHER INFORMATION CONTACT:**

Gerry Lakin, FAA, Transport Airplane Directorate, Aircraft Certification Service, Standardization Branch, ANM-113, 1601 Lind Avenue SW., Renton, Washington, 98055-4056; telephone (425) 227-1187; facsimile (425) 227-1149.

**SUPPLEMENTARY INFORMATION:** The FAA has determined that notice and opportunity for prior public comment are impracticable because these procedures would significantly delay issuance of the approval design and thus delivery of the affected aircraft. In addition, the substance of these special conditions has been subject to the public comment process in several prior instances with no substantive comments received. The FAA therefore finds that good cause exists for making these special conditions effective upon issuance.

**Comments Invited**

Interested persons are invited to submit such written data, views, or arguments, as they may desire. Communications should identify the regulatory docket and special conditions number and be submitted in duplicate to the address specified above. All communications received on or before the closing date for comments will be considered by the Administrator. These special conditions may be changed in light of the comments received. All comments received will be available in the Rules Docket for examination by

interested persons, both before and after the closing date for comments. A report summarizing each substantive public contact with FAA personnel concerning this rulemaking will be filed in the docket. Persons wishing the FAA to acknowledge receipt of their comments submitted in response to this request must submit with those comments a self-addressed, stamped postcard on which the following statement is made: "Comments to Docket No. NM168." The postcard will be date stamped and returned to the commenter.

**Background**

On February 14, 1997, McDonnell Douglas Corporation (MDC) submitted an application to amend the DC-10/MD-11 Type Certificate No. A22WE to include four new models, MD-10-10/-10F and MD-10-30/-30F. The MD-10 series aircraft are modified DC-10 aircraft with an Advanced Common Flightdeck (ACF), similar to that on the Model MD-11, that will allow operation with a two person flight crew. No changes to primary structures, engines, primary flight control systems, or aircraft performance are being made.

The ACF on the MD-10 series aircraft will utilize electrical and electronic systems that perform critical functions; examples of which include the electronic displays and flight control computers. These systems can be susceptible to disruption to both command/response signals as a result of electrical and magnetic interference. This disruption of signals could result in loss of all critical functions that would prevent the continued safe flight and landing of the airplane.

**Type Certification Basis**

Under the provisions of § 21.101, The Boeing Company must show that the Model MD-10 series airplanes continue to meet the applicable provisions of the regulations incorporated by reference in Type Certificate No. A22WE, or the applicable regulations in effect on the date of application for the change to the Model MD-10 series aircraft. The regulations incorporated by reference in the type certificate are commonly referred to as the "original type certification basis." Based on the application date, February 14, 1997, the applicable regulations are 14 CFR part 25, effective February 1, 1965, including amendments 25-1 through 25-89, for all areas affected by the change.

If the Administrator finds that the applicable airworthiness regulations (i.e., part 25 as amended) do not contain adequate or appropriate safety standards for the Model MD-10 series aircraft because of novel or unusual design

features, special conditions are prescribed under the provisions of § 21.16.

Special conditions, as appropriate, are issued in accordance with § 11.49, as required by §§ 11.28 and 11.29(b), and become part of the type certification basis in accordance with § 21.101(b)(2).

Special conditions are initially applicable to the model for which they are issued. Should McDonnell Douglas Corporation, now a wholly owned subsidiary of The Boeing Company, apply at a later date for a change to the type certificate to include another model incorporating the same type certificate to incorporate the same novel or unusual design feature, these special conditions would apply to the other model as well under the provisions of § 21.101(a)(1).

#### Novel or Unusual Design Features

The ACF on the MD-10 series aircraft will utilize electrical and electronic systems that perform critical functions; examples of which include the electronic displays and flight control computers. These systems may be vulnerable to HIRF external to the airplane.

#### Discussion

There is no specific regulation that addresses protection requirements for electrical and electronic systems from HIRF. Increased power levels from ground-based radio transmitters and the growing use of sensitive electrical and electronic systems to command and control airplanes have made it necessary to provide adequate protection.

To ensure that a level of safety is achieved equivalent to that intended by the applicable regulations incorporated by reference, special conditions are needed for the Model MD-10 series aircraft, which require that new or significantly modified electrical and electronic systems, such as the electronic displays and flight control computers, that perform critical functions be designed and installed to preclude component damage and interruption of function due to both the direct and indirect effects of HIRF.

#### High-Intensity Radiated Fields (HIRF)

With the trend toward increased power levels from ground-based transmitters, plus the advent of space and satellite communications coupled with electronic command and control of the airplane, the immunity of critical digital avionics systems to HIRF must be established.

It is not possible to precisely define the HIRF to which the airplane will be exposed in service. There is also

uncertainty concerning the effectiveness of airframe shielding for HIRF.

Furthermore, coupling of electromagnetic energy to cockpit-installed equipment through the cockpit window apertures is undefined. Based on surveys and analysis of existing HIRF emitters, an adequate level of protection exists when compliance with the HIRF protection special conditions is shown with either paragraph 1 OR 2 below:

1. A minimum threat of 100 volts rms per meter electric field strength from 10 KHz to 18 GHz.

a. The threat must be applied to the system elements and their associated wiring harnesses without the benefit of airframe shielding.

b. Demonstration of this level of protection is established through system tests and analysis.

2. A threat external to the airframe of the following field strengths for the frequency ranges indicated.

Field strength (volts per meter)	Frequency	
	Peak	Average
10 kHz–100 kHz .....	50	50
100 kHz–500 kHz .....	50	50
500 kHz–2 MHz .....	50	50
2 MHz–30 MHz .....	100	100
30 MHz–70 MHz .....	50	50
70 MHz–100 MHz .....	50	50
100 MHz–200 MHz .....	100	100
200 MHz–400 MHz .....	100	100
400 MHz–700 MHz .....	700	50
700 MHz–1 GHz .....	700	100
1 GHz–2 GHz .....	2000	200
2 GHz–4 GHz .....	3000	200
4 GHz–6 GHz .....	3000	200
6 GHz–8 GHz .....	1000	200
8 GHz–12 GHz .....	3000	300
12 GHz–18 GHz .....	2000	200
18 GHz–40 GHz .....	600	200

The field strengths are expressed in terms of peak of the root-mean-square (rms) over the computer modulation period.

The threat levels identified above are the result of an FAA review of existing studies on the subject of HIRF, in light of the ongoing work of the Electromagnetic Effects Harmonization Working Group of the Aviation Rulemaking Advisory Committee.

#### Applicability

As discussed above, these special conditions are applicable to Model MD-10 series airplanes. Should McDonnell Douglas apply at a later date for a change to the type certificate to include another model incorporating the same novel or unusual design feature, these special conditions would apply to that model as well under the provisions of § 21.101(a)(1).

#### Conclusion

This action affects only certain design features on Model MD-10 series airplanes. It is not a rule of general applicability and affects only the applicant who applied to the FAA for approval of these features on the airplane.

The substance of the special conditions for these airplanes has been subjected to the notice and comment procedure in several prior instances and has been derived without substantive change from those previously issued. It is unlikely that prior public comment would result in a significant change from the substance contained herein. For this reason, and because a delay would significantly affect the certification of the airplane, which is imminent, the FAA has determined that prior public notice and comment are unnecessary and impracticable, and good cause exists for adopting these special conditions upon issuance. The FAA is requesting comments to allow interested persons to submit views that may not have been submitted in response to the prior opportunities for comment described above.

#### List of Subjects in 14 CFR Part 25

Aircraft, Aviation safety, Reporting and recordkeeping requirements.

The authority citation for these special conditions is as follows:

**Authority:** 49 U.S.C. 106(g), 40113, 44701, 44702, 44704.

#### The Special Conditions

Accordingly, pursuant to the authority delegated to me by the Administrator, the following special conditions are issued as part of the type certification basis for the Model MD-10 series airplanes.

1. *Protection from Unwanted Effects of High-Intensity Radiated Fields (HIRF).* Each electrical and electronic system that performs critical functions must be designed and installed to ensure that the operation and operational capability of these systems to perform critical functions are not adversely affected when the airplane is exposed to high-intensity radiated fields external to the airplane.

2. For the purpose of these special conditions, the following definition applies:

*Critical Functions.* Functions whose failure would contribute to or cause a failure condition that would prevent the continued safe flight and landing of the airplane.

Issued in Renton, Washington, on February 15, 2000.

Donald L. Riggins,

*Acting Manager, Transport Airplane Directorate, Aircraft Certification Service, ANM-100.*

[FR Doc. 00-4484 Filed 2-24-00; 8:45 am]

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## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 71

[Airspace Docket No. 00-ACE-3]

#### Amendment to Class E Airspace; Cuba, MO

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Direct final rule; request for comments.

**SUMMARY:** This action amends the Class E airspace area at Cuba Municipal Airport, Cuba, MO. The FAA has developed a Nondirectional Radio Beacon (NDB)-A Standard Instrument Approach Procedure (SIAP) to serve Cuba Municipal Airport, MO. Additional controlled airspace extending upward from 700 feet Above Ground Level (AGL) is needed to accommodate this SIAP and for Instrument Flight Rules (IFR) operations at this airport. The enlarged area will contain the new NDB-A SIAP in controlled airspace.

The intended effect of this rule is to provide controlled Class E airspace for aircraft executing the NDB-A SIAP, and to segregate aircraft using instrument approach procedures in instrument conditions from aircraft operating in visual conditions.

**DATES:** This direct final rule is effective on 0901 UTC, June 15, 2000.

Comments for inclusion in the Rules Docket must be received on or before April 3, 2000.

**ADDRESSES:** Send comments regarding the rule in triplicate to: Manager, Airspace Branch, Air Traffic Division, ACE-520, DOT Regional Headquarters Building, Federal Aviation Administration, Docket Number 00-ACE-3, 901 Locust, Kansas City, MO 64106.

The official docket may be examined in the Office of the Regional Counsel for the Central Region at the same address between 9:00 a.m. and 3:00 p.m., Monday through Friday, except Federal holidays. An informal docket may also be examined during normal business hours in the Air Traffic Division at the same address listed above.

#### FOR FURTHER INFORMATION CONTACT:

Brenda Mumper, Air Traffic Division, Airspace Branch, ACE-520A, DOT Regional Headquarters Building, Federal Aviation Administration, 901 Locust, Kansas City, MO 64106; telephone: (816) 329-2524.

**SUPPLEMENTARY INFORMATION:** The FAA has developed an NDB-A SIAP to serve the Cuba Municipal Airport, MO. The amendment to Class E airspace at Cuba, MO, will provide additional controlled airspace at and above 700 feet AGL in order to contain the new SIAP within controlled airspace, and thereby facilitate separation of aircraft operating under Instrument Flight Rules. The amendment at Cuba Municipal Airport, MO, will provide additional controlled airspace for aircraft operating under IFR. The area will be depicted on appropriate aeronautical charts. Class E airspace areas extending upward from 700 feet or more above the surface of the earth are published in paragraph 6005 of FAA Order 7400.9G, dated September 10, 1999, and effective September 16, 1999, which is incorporated by reference in 14 CFR 71.1. The Class E airspace designation listed in this document will be published subsequently in the Order.

#### The Direct Final Rule Procedure

The FAA anticipates that this regulation will not result in adverse or negative comment and, therefore, is issuing it as a direct final rule. Previous actions of this nature have not been controversial and have not resulted in adverse comments or objections. The amendment will enhance safety for all flight operations by designating an area where VFR pilots may anticipate the presence of IFR aircraft at lower altitudes, especially during inclement weather conditions. A greater degree of safety is achieved by depicting the area on aeronautical charts. Unless a written adverse or negative comment, or a written notice of intent to submit an adverse or negative comment is received within the comment period, the regulation will become effective on the date specified above. After the close of the comment period, the FAA will publish a document in the **Federal Register** indicating that no adverse or negative comments were received and confirming the date on which the final rule will become effective. If the FAA does receive, within the comment period, an adverse or negative comment, or written notice of intent to submit such a comment, a document withdrawing the direct final rule will be published in the **Federal Register**, and

a notice of proposed rulemaking may be published with a new comment period.

#### Comments Invited

Although this action is in the form of a final rule and was not preceded by a notice of proposed rulemaking, 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 should 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 or withdrawn in light of the comments received. Factual information that supports the commenter's ideas and suggestions is extremely helpful in evaluating the effectiveness of this action and determination whether additional rulemaking action would be needed.

Comments are specifically invited on the overall regulatory, economic, environmental, and energy-related 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 action 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 No. 00-ACE-3." The postcard will be date stamped and returned to the commenter.

#### Agency Findings

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 noncontroversial and unlikely to result in adverse or negative comments. For the reasons discussed in the preamble, I certify that this regulation (1) is not a "significant regulatory action" under Executive Order 12877; (2) is not a "significant rule" Department of Transportation (DOT) Regulatory Policies and