

States except American Samoa, Arizona, California, Florida, Hawaii, Louisiana, the Northern Mariana Islands, Puerto Rico, Texas, and the U.S. Virgin Islands.

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Done in Washington, DC, this 26th day of February, 2003.

Peter Fernandez,

Acting Administrator, Animal and Plant Health Inspection Service.

[FR Doc. 03-4875 Filed 2-28-03; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 25

[Docket No. NM240, Special Conditions No. 25-227-SC]

Special Conditions: Learjet Model 24, 24A, 24B, 24B-A, 24C, 24D, 24D-A, 24E, 24F, 24F-A, 25, 25A, 25B, 25C, 25D and 25F 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 Learjet Model 24, 24A, 24B, 24B-A, 24C, 24D, 24D-A, 24E, 24F, 24F-A, 25, 25A, 25B, 25C, 25D and 25F airplanes modified by Royal Air, Inc. These airplanes, as modified, will have novel and unusual design features when compared to the state of technology envisioned in the airworthiness standards for transport category airplanes. The modification incorporates the installation of the Innovative Solutions & Support (IS&S) Air Data Display Units (ADDU) and Air Data Sensor. The applicable airworthiness regulations do not contain adequate or appropriate safety standards for the protection of these systems 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 established by the existing airworthiness standards.

DATES: The effective date of these special conditions is February 21, 2003. Comments must be received on or before April 2, 2003.

ADDRESSES: Comments on these special conditions may be mailed in duplicate to: Federal Aviation Administration, Transport Airplane Directorate, Attn: Rules Docket (ANM-113), Docket No. NM240, 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. NM240. 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: Greg Dunn, FAA, Airplane and Flight Crew Interface Branch, ANM-111, Transport Airplane Directorate, Aircraft Certification Service, 1601 Lind Avenue SW., Renton, Washington 98055-4056; telephone (425) 227-2799; facsimile (425) 227-1149.

SUPPLEMENTARY INFORMATION:

FAA's Determination as to Need for Public Process

The FAA has determined that notice and opportunity for prior public comment are unnecessary in accordance with 14 CFR 11.38, because the FAA has provided previous opportunities to comment on substantially identical special conditions and has fully considered and addressed all the substantive comments received. Based on a review of the comment history and the comment resolution, the FAA is satisfied that new comments are unlikely. The FAA, therefore, finds that good cause exists for making these special conditions effective upon issuance. However, the FAA invites interested persons to participate in this rulemaking by submitting comments, data, or views. The most helpful comments reference a specific portion of the special conditions, explain the reason for any recommended change, and include supporting data. We ask that you send us two copies of written comments.

We will file in the docket all comments we receive, as well as a report summarizing each substantive public contact with FAA personnel concerning these special conditions. The docket is available for public inspection before and after the comment closing date. If you wish to review the docket in person, go to the address in the **ADDRESSES** section of this preamble between 7:30 a.m. and 4 p.m., Monday through Friday, except Federal holidays.

We will consider all comments we receive on or before the closing date for comments. We will consider comments filed late if it is possible to do so without incurring expense or delay. We may change these special conditions in light of the comments we receive.

If you want the FAA to acknowledge receipt of your comments on this proposal, include with your comments a pre-addressed, stamped postcard on

which the docket number appears. We will stamp the date on the postcard and mail it back to you.

Background

On August 17, 2002, Royal Air, Inc., 2141 Airport Road, Waterford, Michigan 48327, applied for a supplemental type certificate (STC) to modify Learjet Model 24, 24A, 24B, 24B-A, 24C, 24D, 24D-A, 24E, 24F, 24F-A, 25, 25A, 25B, 25C, 25D and 25F airplanes approved under Type Certificate No. A10CE. The Learjet Model 24/25 series airplanes are small transport category airplanes powered by two turbojet engines, with maximum takeoff weights of up to 15,000 pounds. These airplanes operate with a 2-pilot crew and can seat 6 to 8 passengers. The modification incorporates the installation of the Innovative Solutions & Support (IS&S) Air Data Display Units (ADDU) and Air Data Sensor. The ADDU digital air data computing altimeter provides flight critical functions. These advanced systems have the potential to be vulnerable to high-intensity radiated fields (HIRF) external to the airplane.

Type Certification Basis

Under the provisions of 14 CFR 21.101, Amendment 21-69, effective September 16, 1991, Royal Air must show that the Learjet Model 24, 24A, 24B, 24B-A, 24C, 24D, 24D-A, 24E, 24F, 24F-A, 25, 25A, 25B, 25C, 25D and 25F airplanes, as changed, continue to meet the applicable provisions of the regulations incorporated by reference in Type Certificate No. A10CE, or the applicable regulations in effect on the date of application for the change. Subsequent changes have been made to § 21.101 as part of Amendment 21-77, but those changes do not become effective until June 10, 2003. The regulations incorporated by reference in the type certificate are commonly referred to as the "original type certification basis." The original type certification basis for the modified Learjet Model 24, 24A, 24B, 24B-A, 24C, 24D, 24D-A, 24E, 24F, 24F-A, 25, 25A, 25B, 25C, 25D and 25F airplanes includes 14 CFR part 25, dated February 1, 1965, through Amendments 25-2 and 25-4; and 14 CFR part 25, dated February 1, 1965, through Amendment 25-18, except for special conditions and exceptions noted in Type Certificate Data Sheet (TCDS) A10CE.

If the Administrator finds that the applicable airworthiness regulations (*i.e.*, 14 CFR part 25, as amended) do not contain adequate or appropriate safety standards for the Learjet Model 24, 24A, 24B, 24B-A, 24C, 24D, 24D-A, 24E, 24F, 24F-A, 25, 25A, 25B, 25C, 25D and

25F airplanes because of novel or unusual design features, special conditions are prescribed under the provisions of § 21.16.

In addition to the applicable airworthiness regulations and special conditions, the Learjet Model 24, 24A, 24B, 24B-A, 24C, 24D, 24D-A, 24E, 24F, 24F-A, 25, 25A, 25B, 25C, 25D and 25F airplanes must comply with the fuel vent and exhaust emission requirements of 14 CFR part 34 and the noise certification requirement of part 36, including Amendment 36-1.

Special conditions, as defined in § 11.19, are issued in accordance with § 11.38, 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 Royal Air apply at a later date for design change approval to modify any other model already included on the same type certificate to incorporate the same or similar novel or unusual design feature, these special conditions would also apply to the other model under the provisions of § 21.101(a)(1).

Novel or Unusual Design Features

As noted earlier, the Learjet Model 24, 24A, 24B, 24B-A, 24C, 24D, 24D-A, 24E, 24F, 24F-A, 25, 25A, 25B, 25C, 25D and 25F airplanes will incorporate new Air Data Display Units (ADDU) and Air Data Sensor that will perform critical functions. These systems have the potential to be vulnerable to high-intensity radiated fields (HIRF) external to the airplane. The current airworthiness standards (14 CFR part 25) do not contain adequate or appropriate safety standards for the protection of this equipment from the adverse effects of HIRF. Accordingly, this system is considered to be a novel or unusual design feature.

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 avionics/electronics and electrical 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 regulations incorporated by reference, special conditions are needed for the Learjet Model 24, 24A, 24B, 24B-A, 24C, 24D, 24D-A, 24E, 24F, 24F-A, 25, 25A, 25B, 25C, 25D and 25F airplanes modified by Royal Air, Inc.

These special conditions require that new avionics/electronics and electrical systems 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/electronics and electrical 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 condition is shown with either paragraph 1 or 2 below:

1. A minimum threat of 100 volts rms (root-mean-square) 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 field strengths indicated in the following table for the frequency ranges indicated. Both peak and average field strength components from the table are to be demonstrated.

Frequency	Field strength (volts per meter)	
	Peak	Average
10 kHz–100 kHz	50	50
100 kHz–500kHz	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

Frequency	Field strength (volts per meter)	
	Peak	Average
18 GHz–40 GHz	600	200

The field strengths are expressed in terms of peak of the root-mean-square (rms) over the complete 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 Learjet Model 24, 24A, 24B, 24B-A, 24C, 24D, 24D-A, 24E, 24F, 24F-A, 25, 25A, 25B, 25C, 25D and 25F airplanes modified by Royal Air, Inc. Should Royal Air apply at a later date for a supplemental type certificate to modify any other model included on the same type certificate to incorporate the same or similar 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 Learjet Model 24, 24A, 24B, 24B-A, 24C, 24D, 24D-A, 24E, 24F, 24F-A, 25, 25A, 25B, 25C, 25D and 25F airplanes modified by Royal Air. 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. 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 record keeping 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 Learjet Model 24, 24A, 24B, 24B-A, 24C, 24D, 24D-A, 24E, 24F, 24F-A, 25, 25A, 25B, 25C, 25D and 25F airplanes modified by Royal Air, Inc.

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 21, 2003.

Ali Bahrami,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

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FEDERAL TRADE COMMISSION

16 CFR Part 304

Rules and Regulations Under the Hobby Protection Act

AGENCY: Federal Trade Commission.

ACTION: Request for public comments.

SUMMARY: The Federal Trade Commission ("FTC" or "Commission") requests public comment on the overall costs, benefits, and regulatory and economic impact of its Rules and Regulations Under the Hobby Protection Act ("Rule"), as part of the Commission's systematic review of all current Commission regulations and guides.

DATES: Written comments will be accepted until May 2, 2003.

ADDRESSES: Six paper copies of each written comment should be submitted to the Office of the Secretary, Federal Trade Commission, Room H-159, 600 Pennsylvania Ave., NW., Washington, DC 20580. To encourage prompt and efficient review and dissemination of

the comments to the public, all comments also should be submitted, if possible, in electronic form, on a 3½ inch computer disk, with a label on the disk stating the name of the commenter and the name and version of the word processing program used to create the document. (Programs based on DOS are preferred. Files from other operating systems should be submitted in ASCII text format.)

Alternatively, the Commission will accept papers and comments submitted to the following e-mail address: hobby@ftc.gov, provided the content of any papers or comments submitted by e-mail is organized in sequentially numbered paragraphs. All comments and any electronic versions (*i.e.*, computer disks) should be identified as "16 CFR Part 304 Comment—Hobby Protection Act Rule. The Commission will make this notice and, to the extent possible, all papers and comments received in electronic form in response to this notice available to the public through the Internet at the following address: <http://www.ftc.gov>.

FOR FURTHER INFORMATION CONTACT: Neil Blickman, Attorney, Division of Enforcement, Bureau of Consumer Protection, Federal Trade Commission, Washington, DC 20580; (202) 326-3038.

SUPPLEMENTARY INFORMATION:

I. Background

On November 29, 1973, Congress issued the Hobby Protection Act ("Act"), 15 U.S.C. 2101-2106. The Act requires manufacturers and importers of "imitation political items" ¹ to mark "plainly and permanently" such items with the "calendar year" such items were manufactured. 15 U.S.C. 2101(a). The Act also requires manufacturers and importers of "imitation numismatic items" ² to mark "plainly and permanently" such items with the word "copy." 15 U.S.C. 2101(b). The Act further provides that the Commission is

¹ An imitation political item is "an item which purports to be, but in fact is not, an original political item, or which is a reproduction, copy, or counterfeit of an original political item." 15 U.S.C. 2106(2). The Act defines original political items as being any political button, poster, literature, sticker or any advertisement produced for use in any political cause. *Id.* at 2106(1). Political items dealers sell items such as presidential, local election, and cause-type buttons, pins, posters, tie clasps, cuff links, mugs, photos, inauguration invitations, marshal's badges, medals, ribbons and the like.

² An imitation numismatic item is "an item which purports to be, but in fact is not, an original numismatic item or which is a reproduction, copy, or counterfeit of an original numismatic item." 15 U.S.C. 2106(4). The Act defines original numismatic items to include coins, tokens, paper money, and commemorative medals which have been part of a coinage or issue used in exchange or used to commemorate a person or event. *Id.* at 2106(3).

to promulgate regulations for determining the "manner and form" that imitation political items and imitation numismatic items are to be permanently marked with the calendar year of manufacture or the word "copy." 15 U.S.C. 2101(c).

Pursuant to the Act, in 1975 the Commission issued Rules and Regulations under the Hobby Protection Act, 16 CFR Part 304. The Rule tracks the definitions of terms used in the Act and implements the Act's "plain and permanent" marking requirements by establishing the sizes and dimensions of the letters and numerals to be used, the location of the marking on the item, and how to mark incusable and nonincusable items.³ In 1988, the Rule was amended to provide additional guidance on the minimum size of letters for the word "copy" as a proportion of the diameter of coin reproductions.⁴ 53 FR 38942 (Oct. 4, 1988).

II. Regulatory Review Program

The Commission has determined to review all current Commission rules and guides periodically. These reviews seek information about the costs and benefits of the Commission's rules and guides and their regulatory and economic impact. The information obtained assists the Commission in identifying rules and guides that warrant modification or rescission. Therefore, the Commission solicits comment on, among other things, the economic impact of its Rules and Regulations Under the Hobby Protection Act; possible conflict between the Rule and state, local, or other federal laws; and the effect on the Rule of any technological, economic, or other industry changes.

III. Request For Comment

The Commission solicits written public comment on the following questions:

- (1) Is there a continuing need for the Rule as currently promulgated?
- (2) What benefits has the Rule provided to purchasers of the products or services affected by the Rule?
- (3) Has the Rule imposed costs on purchasers?

³ Incusable items are those that can be impressed with a stamp.

⁴ Prior to the amendment, if a coin were too small to comply with the minimum letter size requirements, the manufacturer or importer had to individually request from the Commission a variance from those requirements. Because imitation miniature coins were becoming more common, the Commission determined that it was in the public interest to allow the placing of the word "copy" on miniature imitation coins in sizes that could be reduced proportionately with the size of the item.