

on the relationship between the national government and the States, or on the distribution of power and responsibilities among the various levels of government. No further action is required by the Executive Order.

G. Review Under the Unfunded Mandates Reform Act of 1995

Title II of the Unfunded Mandates Reform Act of 1995 (Pub. L. 104-4) requires each federal agency to prepare a written assessment of the effects of any federal mandate in a proposed or final rule that may result in the expenditure by state, local, and tribal governments, in the aggregate, or by the private sector, of \$100 million in any one year. The Act also requires a federal agency to develop an effective process to permit timely input by elected officers of state, local, and tribal governments on a proposed "significant intergovernmental mandate," and it requires an agency to develop a plan for giving notice and opportunity for timely input to potentially affected small governments before establishing any requirement that might significantly or uniquely affect them. This rule does not contain any federal mandate, so these requirements do not apply.

H. Review Under the Treasury and General Government Appropriations Act, 1999

Section 654 of the Treasury and General Government Appropriations Act of 1999, Pub. L. 105-277, requires Federal agencies to issue a Family Policymaking Assessment for any proposed rule that may affect family well-being. Today's rule would not have any impact on the autonomy or integrity of the family as an institution. Accordingly, DOE has concluded that it is not necessary to prepare a Family Policymaking Assessment.

I. Review Under Executive Order 13211

Executive Order 13211, "Actions Concerning Regulations That Significantly Affect Energy Supply, Distribution, or Use," (66 FR 28355, May 22, 2001) requires Federal agencies to prepare and submit to the Office of Information and Regulatory Affairs (OIRA), Office of Management and Budget, a Statement of Energy Effects for any significant energy action. A "significant energy action" is defined as any action by an agency that promulgates or is expected to lead to the promulgation of a final rule, and that: (1) Is a significant regulatory action under Executive Order 12866, or any successor order; and (2) is likely to have a significant adverse effect on the supply, distribution, or use of energy; or

(3) is designated by the Administrator of OIRA as a significant energy action. For any proposed significant energy action, the agency must give a detailed statement of any adverse effects on energy supply, distribution, or use should the proposal be implemented, and of reasonable alternatives to the action and their expected benefits on energy supply, distribution, or use.

Today's rule is not a significant energy action. Accordingly, DOE has not prepared a Statement of Energy Effects.

J. Congressional Notification

As required by 5 U.S.C. 801, DOE will submit to Congress a report regarding the issuance of today's final rule prior to the effective date set forth at the outset of this notice. The report will state that it has been determined that the rule is not a "major rule" as defined by 5 U.S.C. 801(2).

List of Subjects in 10 CFR Part 710

Administrative practice and procedure, Classified information, Government contracts, Government employees, Nuclear materials, Revocation, Security measures, Suspension.

Issued in Washington, on October 16, 2002.

Spencer Abraham, Secretary of Energy.

For the reasons set forth in the preamble, part 710 of chapter III of title 10, Code of Federal Regulations is amended, as set forth below:

PART 710—CRITERIA AND PROCEDURES FOR DETERMINING ELIGIBILITY FOR ACCESS TO CLASSIFIED MATTER OR SPECIAL NUCLEAR MATERIAL

1. The authority citation for part 710 is revised to read as follows:

Authority: 42 U.S.C. 2165; 2201; 5815; 7101 et seq.; 50 U.S.C. 2401 et seq.; E.O. 10450, 3 CFR 1949-1953 Comp., p. 936, as amended; E.O. 10865, 3 CFR 1959-1963 Comp., p. 398, as amended, 3 CFR Chap. IV.

2. Section 710.54 of subpart B is amended by adding, in alphabetical order, the definition of "Accelerated Access Authorization Program" to read as follows:

§ 710.54 Definitions.

* * * * *

Accelerated Access Authorization Program means the DOE program for granting interim access to classified matter and special nuclear material based on a drug test, a National Agency Check, a psychological assessment, a counterintelligence-scope polygraph examination in accordance with 10 CFR

part 709, and a review of the applicant's completed "Questionnaire for National Security Positions." (Standard Form 86). * * * * *

3. Section 710.60 of subpart B is amended by revising paragraph (c) to read as follows:

§ 710.60 DOE security review and clearance determination.

* * * * *

(c) Review for initial PSAP access authorization. An initial PSAP access authorization requires the applicant or employee to have a DOE Q access authorization based upon a background investigation, except for Security Police Officers who may be granted PSAP access authorization based on an interim Q access authorization obtained through the Accelerated Access Authorization Program. The adjudication and determination for a PSAP access authorization shall be based upon a review of security information, including the results of the background investigation (or Accelerated Access Authorization Program screening elements in the case of Security Police Officers) and the information provided by management and medical sources.

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[FR Doc. 02-27205 Filed 10-25-02; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 25

[Docket No. NM232; Special Conditions No. 25-221-SC]

Special Conditions: Avions Marcel Dassault-Breguet Aviation (AMD/BA) Model Falcon 10 Series 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 Avions Marcel Dassault-Breguet Aviation Model Falcon 10 series airplanes modified by Garrett Aviation Services. These airplanes, as modified, will have a novel or unusual design feature when compared to the state of technology envisioned in the airworthiness standards for transport category airplanes. The modification incorporates the installation of dual Innovative Solutions & Support Air Data Display Units (ADDU) with the IS&S Air

Data Sensor and an analog interface unit (AIU) that perform critical functions. 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 October 15, 2002. Comments must be received on or before November 27, 2002.

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. NM232, 1601 Lind Avenue SW., Renton, Washington 98055-4056; or delivered in duplicate to the Transport Airplane Directorate at the above address. All comments must be marked: *Docket No. NM232*. 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 22, 2002, Garrett Aviation Services, 1200 North Airport Drive, Capital Airport, Springfield, IL 62707, applied for a supplemental type certificate (STC) to modify Avions Marcel Dassault-Breguet Aviation Model Falcon 10 series airplanes approved under Type Certificate No. A33EU. The Avions Marcel Dassault-Breguet Aviation Model Falcon 10 series airplane is a small category airplane powered by two Airesearch Manufacturing Company TFE731-2-1C turbofan engines and having a maximum takeoff weight of 18,300 pounds. This airplane operates with a 2-pilot crew and can hold up to 9 passengers. The modification incorporates the installation of Innovative Solutions & Support Air Data Display Units (ADDU) and an analog interface unit (AIU). The ADDU replaces the existing analog flight instrumentation and provides additional functional capability and redundancy in the system. The AIU is a digital-to-analog adapter used to adapt signals driving the existing Sperry Flight Guidance Computer. The avionics/electronics and electrical systems installed in this airplane 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, Garrett Aviation Services must show that the Avions Marcel Dassault-Breguet Aviation Model

Falcon 10 series airplanes, as changed, continue to meet the applicable provisions of the regulations incorporated by reference in Type Certificate No. A33EU, 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 Avions Marcel Dassault-Breguet Aviation Model Falcon 10 series airplanes includes 14 CFR part 25 as amended by Amendments 25-1 through 25-20, dated February 1, 1964, except for special conditions and exceptions noted in Type Certificate Data Sheet (TDCS) A33EU.

If the Administrator finds that the applicable airworthiness regulations (that is, 14 CFR part 25, as amended) do not contain adequate or appropriate safety standards for the Avions Marcel Dassault-Breguet Aviation Model Falcon 10 series 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 Avions Marcel Dassault-Breguet Aviation Model Falcon 10 series 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 14 CFR 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 Garrett Aviation Services 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 novel or unusual design feature, these special conditions would also apply to the other model under the provisions of 14 CFR 21.101(a)(1).

Novel or Unusual Design Features

The Avions Marcel Dassault-Breguet Aviation Model Falcon 10 series airplanes modified by Garrett Aviation Services will incorporate systems comprised of dual Air Data Display Units and an analog interface unit 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 that is equivalent to that intended by the regulations incorporated by reference, special conditions are needed for Avions Marcel Dassault-Breguet Aviation Model Falcon 10 series airplanes modified by Garrett Aviation Services. 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 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 in accordance 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 table below for the frequency ranges indicated. Both peak and average field strength components from the table below are to be demonstrated.

Frequency	Field strength (volts per meter)	
	Peak	Average
10 kHz–100 kHz ...	50	50
100 kHz–500 kHz	50	50
500 kHz 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	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 Avions Marcel Dassault-Breguet Aviation Model Falcon 10 series airplanes modified by Garrett Aviation Services. Should Garrett Aviation Services 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 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 novel or unusual design features on the Avions Marcel Dassault-Breguet Aviation Model Falcon 10 series airplanes modified by Garrett Aviation Services. 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 these special conditions has been subjected to the notice and comment period 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 supplemental type certification basis for the Avions Marcel Dassault-Breguet Aviation Model Falcon 10 series airplanes modified by Garrett Aviation Services.

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.

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 October 15, 2002.

Ali Bahrami,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.
[FR Doc. 02–27379 Filed 10–25–02; 8:45 am]

DEPARTMENT OF TRANSPORTATION**Federal Aviation Administration****14 CFR Part 25**

[Docket No. NM238; Special Conditions No. 25-222-SC]

Special Conditions: Avions Marcel Dassault—Breguet Aviation, Falcon 10; 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 Avions Marcel Dassault-Breguet Aviation, Falcon 10 airplanes modified by Garrett Aviation Services. These modified airplanes will have a novel or unusual design feature when compared to the state of technology envisioned in the airworthiness standards for transport category airplanes. The modification incorporates the installation of the Collins ADC-87A Air Data Computer system that performs critical functions. The applicable airworthiness 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 established by the existing airworthiness standards.

DATES: The effective date of these special conditions is October 18, 2002. Comments must be received on or before November 27, 2002.

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. NM238, 1601 Lind Avenue SW., Renton Washington, 98055-4056; or delivered in duplicate to the Transport Airplane Directorate at the above address. All comments must be marked: Docket No. NM238. 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: Meghan Gordon, FAA, Standardization Branch, ANM-113, Transport Airplane Directorate, Aircraft Certification Service, 1601 Lind Avenue SW., Renton, Washington 98055-4056; telephone (425) 227-2138; facsimile (425) 227-1149.

SUPPLEMENTARY INFORMATION:**Comments Invited**

The FAA has determined that notice and opportunity for prior public comment hereon are impracticable because these procedures would significantly delay certification, and thus delivery, of the affected airplane. 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; however, the FAA invites interested persons to participate in this rulemaking by submitting written 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 these special conditions, 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 13, 2001, Garrett Aviation Services, 1200 North Airport Drive, Capital Airport, Springfield, IL 62707, applied for a supplemental type certificate (STC) to modify Avions Marcel Dassault-Breguet Aviation (AMD/BA), Falcon 10 airplanes approved under Type Certificate No. A33EU. The AMD/BA Falcon 10 is a small transport category airplane, powered by two Airesearch Manufacturing Company Model TFE731-2-1C turbofan engines, with a maximum takeoff weight of 18,300 pounds. This airplane operates with a 2-pilot crew and can hold up to 9

passengers. The modification incorporates the installation of single or dual Collins ADC-87A Air Data Computers. The ADC-87A is installed as a new #2 ADC or as a replacement for the existing Collins ADC-80K Air Data Computer, while also providing additional functional capability and redundancy in the system. The ADC-87A is a microprocessor-based digital computer used to adapt signals driving the existing Collins FCS-80 Flight Guidance System. The avionics/electronics and electrical systems installed in this airplane 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), Garrett Aviation Services must show that the AMD/BA Falcon 10 airplane, as changed, continues to meet the applicable provisions of the regulations incorporated by reference in Type Certificate No. A33EU, 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 certification basis for the modified AMD/BA Falcon 10 airplanes includes 14 CFR part 25, dated February 1, 1965, as amended by amendments 25-1 through 25-20, except for special conditions and exceptions noted in Type Certificate Data Sheet (TCDS) A33EU.

If the Administrator finds that the applicable airworthiness regulations (that is, part 25, as amended) do not contain adequate or appropriate safety standards for the AMD/BA Falcon 10 airplanes because of a novel or unusual design feature, special conditions are prescribed under the provisions of § 21.16.

In addition to the applicable airworthiness regulations and special conditions, the AMD/BA Falcon 10 airplanes must comply with the fuel vent and exhaust emission requirements of 14 CFR part 34, and the noise certification requirements of 14 CFR part 36, including amendment 36-1.

Special conditions, as defined in 14 CFR 11.19, are issued in accordance with § 11.38 and become part of the airplane's type certification basis in accordance with § 21.101(b)(2),