

the resulting federal stock savings association in such transactions succeeds to all the rights, property, and obligations of the converting institution. OTS did not receive any comments in response to either the direct final rule or the related notice of proposed rulemaking.

EFFECTIVE DATES: The direct final rule published on May 8, 2001 (66 FR 23153-155), is effective July 9, 2001.

FOR FURTHER INFORMATION CONTACT: Aaron B. Kahn, (202) 906-6263, Special Counsel, or Kevin A. Corcoran, (202) 906-6962, Assistant Chief Counsel, Business Transactions Division, Chief Counsel's Office, Office of Thrift Supervision, 1700 G Street, NW., Washington DC 20552.

Authority: 12 U.S.C. 1462, 1462a, 1463, 1464, 1467a.

Dated: July 11, 2001.

By the Office of Thrift Supervision.

Ellen Seidman,

Director.

[FR Doc. 01-17872 Filed 7-17-01; 8:45 am]

BILLING CODE 6720-01-P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 25

[Docket No. NM192, Special Conditions No. 25-181-SC]

Special Conditions: Raytheon Model Hawker 800XP Airplane; High-Intensity Radiated Fields

AGENCY: Federal Aviation Administration, DOT.

ACTION: Final special conditions; request for comments.

SUMMARY: These special conditions are issued for Raytheon Aircraft Company Model Hawker 800XP airplanes modified to incorporate the Collins Proline 21 avionics system. These modified airplanes 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 a four tube active matrix liquid crystal display Electronic Flight Information System (EFIS) with an Engine Indicating System (EIS), autopilot with integral mach trim capability, new air data computers, and new Attitude and Heading Reference System (AHRS) with solid state sensors. The applicable airworthiness standards 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 provided by the existing airworthiness standards.

DATES: The effective date of these special conditions is July 6, 2001. Comments must be received on or before August 17, 2001.

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. NM192, 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. NM192. Comments may be inspected in the Rules Docket weekdays, except Federal holidays, between 7:30 a.m. and 4:00 p.m.

FOR FURTHER INFORMATION CONTACT: Mark Quam, FAA, Standardization Branch, ANM-113, Transport Airplane Directorate, Aircraft Certification Service, 1601 Lind Avenue SW., Renton, Washington, 98055-4056; telephone (425) 227-2145; facsimile (425) 227-1149.

SUPPLEMENTARY INFORMATION: The FAA has determined that notice and opportunity for prior public comment hereon 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 or 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. Commenters wishing the FAA to acknowledge receipt of their comments submitted in response to these special conditions must include a self-addressed, stamped postcard on which the following statement is made: "Comments to Docket No. NM192." The postcard will be date stamped and returned to the commenter.

Background

On August 4, 1998, Raytheon Aircraft Company, PO Box 85, Wichita, Kansas 67201-0085, applied for a supplemental type certificate to modify Raytheon Aircraft Company Model Hawker 800XP airplanes listed on Type Certificate No. A21EA. The Model Hawker 800XP is a twin engine transport airplane. It has an executive interior and is capable of carrying two flight crewmembers and up to fifteen passengers. This model is powered by two aft mounted Allied Signal TFE 731-5BR engines. The modification incorporates the installation of the Rockwell Collins Proline 21 avionics system which includes a four tube active matrix liquid crystal display Electronic Flight Information System (EFIS) with an Engine Indicating System (EIS) that display critical flight parameters to the flightcrew. These systems can be susceptible to disruption to command and/or response signals as a result of electrical and magnetic interference. This disruption of signals could result in loss of all critical flight displays and annunciations or present misleading information to the pilot.

Type Certification Basis

Under the provisions of 14 CFR 21.101, Raytheon must show that the Raytheon Model Hawker 800XP airplanes, as changed, continue to meet the applicable provisions of the regulations incorporated by reference in Type Certificate No. A3EU, or the applicable regulations in effect on the date of application for the change. The regulations incorporated by reference in the type certificate are commonly referred to as the "original type certification basis." The regulations incorporated by reference in Type Certificate No. A21EA are as follows: the certification basis for the modified Raytheon Model Hawker 800XP airplane includes the British Civil Airworthiness Requirements (CAR) 10, and specific additional requirements of 14 CFR part 25, as listed in the Type Certificate Data Sheet (TCDS) No. A3EU.

If the Administrator finds that the applicable airworthiness regulations

(i.e., part 25) do not contain adequate or appropriate safety standards for the Raytheon Model Hawker 800XP airplane 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 Raytheon Model Hawker 800XP airplane 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.

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 Raytheon apply for approval 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 § 21.101(a)(1).

Novel or Unusual Design Features

The Raytheon Model Hawker 800XP airplane will incorporate the following novel or unusual design features: the Rockwell Collins Proline 21 avionics system which includes a four tube active matrix liquid crystal display Electronic Flight Information System (EFIS) with an Engine Indicating System

(EIS) that display critical flight parameters to the flightcrew. These systems can be susceptible to disruption to command and/or response signals as a result of electrical and magnetic interference. This disruption of signals could result in loss of all critical flight displays and annunciations or present misleading information to the pilot.

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 avionic/electronic 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 Raytheon Model Hawker 800XP as modified by Raytheon. These special conditions require that new avionic/electronic and electrical systems, such as the AHRS and EFIS 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 condition is shown with either paragraph 1, or paragraph 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.
 1. A threat external to the airframe of the following field strengths 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–100kHz	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 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 Raytheon Model Hawker 800XP airplane modified

by the Raytheon Aircraft Company. Should Raytheon apply at a later date for approval of a design change 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 Raytheon Model Hawker 800XP airplane modified by the Raytheon Aircraft Company. 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 this airplane 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 type certification basis for Raytheon Model Hawker 800XP airplanes modified by:

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 July 6, 2001.

Vi L. Lipski,

Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. 01-17961 Filed 7-17-01; 8:45 am]

BILLING CODE 4910-13-P

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

14 CFR Part 1214

RIN 2700-AC39

Space Shuttle

AGENCY: National Aeronautics and Space Administration.

ACTION: Final rule.

SUMMARY: This rule adds regulations concerning Small Self-Contained Payloads (SSCPs). NASA has established four classes of SSCP payloads, and has changed the definitions for Class II and Class III payloads. This rule creates a separate classification, Class IV, for international payload customers. International educational institutions may participate either through cooperative activities with domestic educational institutions as Class I payloads, or independently as Class IV payloads.

This revised rule ensures that NASA will continue to offer domestic educational institutions lower prices, relative to other users, for standard launch services for SSCP's. These domestic educational institutions are required to meet certain criteria and agree to certain provisions established by NASA. In addition, NASA is changing the pricing structure for a defined group of domestic educational institutions. The pricing structure for those domestic educational institutions (Class I) will be based on the payload user classification, payload weight and volume. Class I payloads may qualify for a further reduced standard flight price, depending on services required. Further details of the pricing structure will be available, once approved, on the web site: <http://www.wff.nasa.gov/~sspp/gas/gas.html>

In addition, with this revision, NASA has redefined the flight rotation process to incorporate the new classification, and to provide the domestic educational institutions a higher priority ranking opportunity in the flight scheduling process of manifesting Get Away Special (GAS) payloads.

DATES: Effective Date: This rule is effective September 17, 2001.

Comments Date: Written comments and opinions on this rule will be accepted until the close of business: August 17, 2001, and will be considered before the rule is made final.

ADDRESSES: Address all comments concerning this final rule to Lynda Cywanowicz, Space Operations Division, Office of Space Flight, National Aeronautics and Space Administration, Washington, DC 20546.

FOR FURTHER INFORMATION CONTACT: Lynda Cywanowicz, Space Operations Division, 202-358-1673.

SUPPLEMENTARY INFORMATION: NASA issued the original SSCP rule in 1980, 45 FR 73022 (Nov. 4, 1980). The rule established conditions of use, reimbursement procedures, and flight scheduling mechanisms for SSCP's flown on NASA's Space Transportation System (STS). The rule was needed to ensure equitable allocation of space in the SSCP program to three groups of users—educational, commercial and U.S. government.

The rule was first revised generally by NASA in 1991, 56 FR 47146 (Sept. 18, 1991). The rule was revised again in 1992, 57 FR 61794 (Dec. 29, 1992) creating 14 CFR 1214.10, "Special Policy on Use of Small Self-Contained Payloads (SSCP's) by Domestic Educational Institutions." The revision provided two different pricing structures; an increased standard flight price for commercial and international customers, while the original price remained for the domestic educational institutions. On April 23, 1999, the National Aeronautics and Space Administration revoked both 14 CFR 1214.9 and 1214.10.

The SSCP program is reissuing the regulation as revised herewith. These changes are being made in furtherance of NASA's commitment to education outreach.

Electronic Access and Filing

You may submit comments and data by sending electronic mail to Lynda.Cywanowicz@hq.nasa.gov. Submit comments in Microsoft Word file (xxx.doc), Text (xxx.txt) or Rich text format (xxx.rtf).

List of Subjects in 14 CFR Part 1214

Government employees, Government procurement, Security measures, Space transportation and exploration.

For the reasons stated in the preamble, the National Aeronautics and