

(b) *Examples.* Regulatory Report includes:

- (1) Call reports and reports of instrument-level risk modeling data;
- (2) Reports related to a Bank's housing mission achievement, such as reports related to AMA, AHP, CIP, and other CICA programs; and
- (3) Reports submitted in response to requests to one or more Banks for information on a nonrecurring basis.

§ 914.2 Filing Regulatory Reports.

Each Bank shall file Regulatory Reports with the Finance Board in accordance with the forms, instructions, and schedules issued by the Finance Board from time to time. If no regularly scheduled reporting dates are established, Regulatory Reports shall be filed as requested by the Finance Board.

§ 914.3 Access to books and records.

Each Bank shall make its books and records readily available for inspection and other supervisory purposes within a reasonable period upon request by the Finance Board, at a location acceptable to the Finance Board. For requests for documents made during the course of an onsite examination and pursuant to the examination's scope, a reasonable period is presumed to be no longer than 1 business day. For requests for documents made outside of an onsite examination, a reasonable period is presumed to be 3 business days.

PART 915—BANK DIRECTOR ELIGIBILITY, APPOINTMENT, AND ELECTIONS

■ 4. The authority citation for part 915 continues to read as follows:

Authority: 12 U.S.C. 1422a(a)(3), 1422b(a), 1426, 1427, and 1432.

■ 5. Revise § 915.7(a) to read as follows:

§ 915.7 Eligibility requirements for elective directors.

(a) *Eligibility verification.* Based on the information provided on the director eligibility certification form prescribed in the Data Reporting Manual issued by the Finance Board, as amended from time to time, a Bank shall verify that each nominee meets all of the eligibility requirements for elective directors set forth in the Act and this part before placing that nominee on the ballot prepared by the Bank under § 915.8(a). A Bank shall not declare elected a nominee that it has reason to know is ineligible to serve, nor shall it seat a director-elect that it has reason to know is ineligible to serve.

* * * * *

■ 6. Revise § 915.12(a) to read as follows:

§ 915.12 Reporting requirements for Bank directors.

(a) *Annual reporting.* Each director shall submit to his or her Bank the appropriate executed director eligibility certification, as prescribed in the Data Reporting Manual issued by the Finance Board, as amended from time to time. The Bank shall promptly forward to the Finance Board a copy of the certification filed by each appointive director.

* * * * *

PART 925—MEMBERS OF THE BANKS

■ 7. The authority citation for part 925 continues to read as follows:

Authority: 12 U.S.C. 1422, 1422a, 1422b, 1423, 1424, 1426, 1430, and 1442.

■ 8. Revise § 925.20(e) to read as follows:

§ 925.20 Stock purchase.

* * * * *

(e) *Reports.* The Bank shall make reports to the Finance Board setting forth purchases by institutions approved for membership of their minimum stock requirement pursuant to this section in accordance with the instructions provided in the Data Reporting Manual issued by the Finance Board, as amended from time to time.

PART 950—ADVANCES

■ 9. The authority citation for part 950 continues to read as follows:

Authority: 12 U.S.C. 1422a(3), 1422b(a)(1), 1426, 1429, 1430, 1430b, and 1431.

■ 10. Revise § 950.4(e) to read as follows:

§ 950.4 Limitations on access to advances.

* * * * *

(e) *Reporting.* (1) Each Bank shall provide the Finance Board with a report of the advances and commitments outstanding to each of its members in accordance with the instructions provided in the Data Reporting Manual issued by the Finance Board, as amended from time to time.

(2) Each Bank shall, upon written request from a member's appropriate federal banking agency or insurer, provide to such entity information on advances and commitments outstanding to the member.

* * * * *

PART 955—ACQUIRED MEMBER ASSETS

■ 11. The authority citation for part 955 continues to read as follows:

Authority: 12 U.S.C. 1422a(3), 1422b(a), 1430, 1430b, and 1431.

■ 12. Revise § 955.4 to read as follows:

§ 955.4 Reporting requirement for acquired member assets.

Each Bank shall report information related to AMA in accordance with the instructions provided in the Data Reporting Manual issued by the Finance Board, as amended from time to time.

Appendices A and B to Part 955 [Removed]

■ 13. Remove Appendices A and B to part 955.

Dated: June 14, 2006.

By the Board of Directors of the Federal Housing Finance Board.

Ronald A. Rosenfeld,
Chairman.

[FR Doc. E6-9756 Filed 6-20-06; 8:45 am]

BILLING CODE 6725-01-P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 23

[Docket No. CE251, Special Condition 23-191-SC]

Special Conditions; Rickenbacker Avionics, EFS-50 EFIS Installation in Rockwell Twin Commander Model 690B; Protection of Systems From High Intensity Radiated Fields (HIRF)

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final special conditions; request for comments.

SUMMARY: These special conditions are issued to Rickenbacker Avionics, 2820 Bobmeyer Road, Hangar C-6, Hamilton, OH 45015, for a Supplemental Type Certificate for the Rockwell Twin Commander Model 690B airplane. This airplane will have novel and unusual design features when compared to the state of technology envisaged in the applicable airworthiness standards. This novel and unusual design feature will include the installation of a two-tube Bendix/King EFS-50 Electronic Flight Instrument System (EFIS). The installation also includes components associated with this display system. The applicable regulations do not contain adequate or appropriate airworthiness 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 the

airworthiness standards applicable to these airplanes.

DATES: The effective date of these special conditions is June 12, 2006. Comments must be received on or before July 21, 2006.

ADDRESSES: Comments may be mailed in duplicate to: Federal Aviation Administration, Regional Counsel, ACE-7, Attention: Rules Docket Clerk, Docket No. CE251, Room 506, 901 Locust, Kansas City, Missouri 64106. All comments must be marked: Docket No. CE251. 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: Wes Ryan, Aerospace Engineer, Standards Office (ACE-114), Small Airplane Directorate, Aircraft Certification Service, Federal Aviation Administration, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone (816) 329-4123.

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 notice 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. The 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 this notice must include a self-addressed, stamped postcard on which the following statement is made: "Comments to Docket No. CE251." The postcard will

be date stamped and returned to the commenter.

Background

In early October 2005, Rickenbacker Avionics made an application to the FAA for a new Supplemental Type Certificate for the Rockwell Twin Commander 690B, which is currently approved under Type Certificate No. 2A4. The proposed modification incorporates novel or unusual design features that are vulnerable to HIRF external to the airplane.

Type Certification Basis

Under the provisions of 14 CFR, part 21, § 21.101, Rickenbacker Avionics must show that the Twin Commander 690B aircraft continues to meet the applicable provisions of the regulations incorporated by reference in the original type certification basis for each model, as listed on the Type Data Sheet 2A4, or the applicable regulations and the additional provisions in effect on the date of application for this Supplemental Type 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 and the additional systems related provisions that cover the EFIS installation include: §§ 23.1301, 23.1309, 23.1311, 23.1321, 23.1322, 23.1323, 23.1331, 23.1353, and 23.1357 at the amendment level appropriate for the application date; exemptions, if any; and the special conditions adopted by this rulemaking action. Additional information regarding the certification basis for this STC is available from the applicant.

Discussion

If the Administrator finds that the applicable airworthiness standards do not contain adequate or appropriate safety standards because of novel or unusual design features of an airplane, special conditions are prescribed under the provisions of § 21.16.

Special conditions, as appropriate, 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.

Special conditions are initially applicable to the model for which they are issued. Should the applicant apply 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, the special conditions would also apply to the other model under the provisions of § 21.101.

Novel or Unusual Design Features

Rickenbacker Avionics plans to incorporate certain novel and unusual design features into an airplane for which the airworthiness standards do not contain adequate or appropriate safety standards for protection from the effects of HIRF. These features include EFS-50 EFIS and associated components, potentially susceptible to the HIRF environment that were not envisaged by the existing regulations for this type of airplane.

Protection of Systems From High Intensity Radiated Fields (HIRF):

Recent advances in technology have given rise to the application in aircraft designs of advanced electrical and electronic systems that perform functions required for continued safe flight and landing. Due to the use of sensitive solid-state advanced components in analog and digital electronics circuits, these advanced systems are readily responsive to the transient effects of induced electrical current and voltage caused by the HIRF. The HIRF can degrade electronic systems performance by damaging components or upsetting system functions.

Furthermore, the HIRF environment has undergone a transformation that was not foreseen when the current requirements were developed. Higher energy levels are radiated from transmitters that are used for radar, radio, and television. Also, the number of transmitters has increased significantly. There is also uncertainty concerning the effectiveness of airframe shielding for HIRF. Furthermore, coupling to cockpit-installed equipment through the cockpit window apertures is undefined.

The combined effect of the technological advances in airplane design and the changing environment has resulted in an increased level of vulnerability of electrical and electronic systems required for the continued safe flight and landing of the airplane. Effective measures against the effects of exposure to HIRF must be provided by the design and installation of these systems. The accepted maximum energy levels in which civilian airplane system installations must be capable of operating safely are based on surveys and analysis of existing radio frequency emitters. These special conditions require that the airplane be evaluated under these energy levels for the protection of the electronic system and its associated wiring harness. These external threat levels, which are lower than previous required values, are

believed to represent the worst case to which an airplane would be exposed in the operating environment.

These special conditions require qualification of systems that perform critical functions, as installed in aircraft, to the defined HIRF environment in paragraph 1 or, as an option to a fixed value using laboratory tests, in paragraph 2, as follows:

(1) The applicant may demonstrate that the operation and operational capability of the installed electrical and electronic systems that perform critical functions are not adversely affected when the aircraft is exposed to the HIRF environment defined below:

| Frequency | Field strength (volts per meter) | |
|-----------------|----------------------------------|---------|
| | Peak | Average |
| 10 kHz–100 kHz | 50 | 50 |
| 100 kHz–500 kHz | 50 | 0 |
| 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 root-mean-square (rms) values.

Or,

(2) The applicant may demonstrate by a system test and analysis that the electrical and electronic systems that perform critical functions can withstand a minimum threat of 100 volts per meter, electrical field strength, from 10 kHz to 18 GHz. When using this test to show compliance with the HIRF requirements, no credit is given for signal attenuation due to installation.

A preliminary hazard analysis must be performed by the applicant, for approval by the FAA, to identify either electrical or electronic systems that perform critical functions. The term "critical" refers to functions, whose failure would contribute to, or cause, a failure condition that would prevent the continued safe flight and landing of the airplane. The systems identified by the hazard analysis that perform critical functions are candidates for the application of HIRF requirements. A

system may perform both critical and non-critical functions. Primary electronic flight display systems, and their associated components, perform critical functions such as attitude, altitude, and airspeed indication. The HIRF requirements apply only to critical functions.

Compliance with HIRF requirements may be demonstrated by tests, analysis, models, similarity with existing systems, or any combination of these. Service experience alone is not acceptable since normal flight operations may not include an exposure to the HIRF environment. Reliance on a system with similar design features for redundancy as a means of protection against the effects of external HIRF is generally insufficient since all elements of a redundant system are likely to be exposed to the fields concurrently.

Applicability

As discussed above, these special conditions are applicable to the Rockwell Twin Commander Model 690B airplanes. Should Rickenbacker Avionics apply at a later date for a supplemental type certificate to modify any other model on the same type certificate, Type Certificate No. 2A4, to incorporate the same novel or unusual design feature, the special conditions would apply to that model as well under the provisions of § 21.101.

Conclusion

This action affects only certain novel or unusual design features on one model of airplane. 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 23

Aircraft, Aviation safety, Signs and symbols.

Citation

■ The authority citation for these special conditions is as follows:

Authority: 49 U.S.C. 106(g), 40113 and 44701; 14 CFR 21.16 and 21.101; and 14 CFR 11.38 and 11.19.

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 Rockwell Twin Commander Model 690B airplanes modified by Rickenbacker Avionics to add EFS-50 EFIS installation.

1. Protection of electrical and electronic systems from High Intensity Radiated Fields (HIRF). Each system that performs critical functions must be designed and installed to ensure that the operations, and operational capabilities of these systems to perform critical functions, are not adversely affected when the airplane is exposed to high intensity radiated electromagnetic 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 Kansas City, Missouri, on June 12, 2006.

James E. Jackson,

Acting Manager, Small Airplane Directorate, Aircraft Certification Service.

[FR Doc. E6-9818 Filed 6-20-06; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2006-24094; Directorate Identifier 2006-CE-20-AD; Amendment 39-14656; AD 68-17-03R1]

RIN 2120-AA64

Airworthiness Directives; Pilatus Aircraft Ltd. Models PC-6, PC-6-H1, PC-6-H2, PC-6/350, PC-6/350-H1, PC-6/350-H2, PC-6/A, PC-6/A-H1, PC-6/A-H2, PC-6/B-H2, PC-6/B1-H2, PC-6/B2-H2, PC-6/B2-H4, PC-6/C-H2, and PC-6/C1-H2 Airplanes

AGENCY: Federal Aviation Administration (FAA), Department of Transportation (DOT).