

(c) A warning in the main passenger cabin. This warning must be readily detectable by a flight attendant, taking into consideration the positioning of flight attendants throughout the main passenger compartment during various phases of flight.

<sup>3</sup>*Liner*

If it can be shown that the material used to construct the stowage compartment meets the flammability requirements of a liner for a Class B cargo compartment (*i.e.*, § 25.855 at Amendment 25–93, and Appendix F, part I, paragraph (a)(2)(ii)), then no liner would be required for enclosed stowage compartments equal to or greater than 25 ft<sup>3</sup> in interior volume but less than 57 ft<sup>3</sup> in interior volume. For all enclosed stowage compartments equal to or greater than 57 ft<sup>3</sup> in interior volume but less than or equal to 200 ft<sup>3</sup>, a liner must be provided that meets the requirements of § 25.855 for a Class B cargo compartment.

<sup>4</sup>*Location Detector*

OHCR compartments that contain enclosed stowage compartments exceeding 25 ft<sup>3</sup> in interior volume and are located away from one central location such as the entry to the OHCR compartment or a common area within the OHCR compartment would require additional fire protection features and/or devices to assist the firefighter in determining the location of a fire.

Issued in Renton, Washington, on January 26, 2004.

**Kalene C. Yanamura,**

*Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.*

[FR Doc. 04–2436 Filed 2–5–04; 8:45 am]

**BILLING CODE 4910–13–P**

**DEPARTMENT OF TRANSPORTATION**

**Federal Aviation Administration**

**14 CFR Part 39**

**[Docket No. 2003–CE–54–AD]**

**RIN 2120–AA64**

**Airworthiness Directives; The Cessna Aircraft Company Model 525 Airplanes**

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

**ACTION:** Notice of proposed rulemaking (NPRM).

**SUMMARY:** The FAA proposes to supersede Airworthiness Directive (AD) 2003–21–07, which applies to certain The Cessna Aircraft Company (Cessna) Model 525 airplanes. AD 2003–21–07 currently requires you to disengage the pitch trim circuit breaker and AP servo circuit breaker and then tie strap each of them to prevent them from being engaged. Not utilizing this equipment prevents a single-point failure. This proposed AD is the result of Cessna having now developed and made changes in the design of the affected trim printed circuit board (PCB) assembly to allow the use of the assembly and the prevention of the single-point failure, and identification of additional airplanes that have the same unsafe condition. Consequently, this proposed AD would require you to remove and replace an old trim PCB assembly with a new design assembly or modify an old trim PCB assembly to the new design. We are issuing this proposed AD to correct this single-point failure in the electric pitch trim system, which will result in a runaway pitch trim condition where the pilot could not disconnect using the control wheel autopilot/trim disconnect switch. Failure of the electric trim system

would result in a large pitch mistrim and would cause excessive control forces that the pilot could not overcome.

**DATES:** We must receive any comments on this proposed AD by April 15, 2004.

**ADDRESSES:** Use one of the following to submit comments on this proposed AD:

- *By mail:* FAA, Central Region, Office of the Regional Counsel, Attention: Rules Docket No. 2003–CE–54–AD, 901 Locust, Room 506, Kansas City, Missouri 64106.
- *By fax:* (816) 329–3771.
- *By e-mail:* 9-ACE-7-Docket@faa.gov.

Comments sent electronically must contain “Docket No. 2003–CE–54–AD” in the subject line. If you send comments electronically as attached electronic files, the files must be formatted in Microsoft Word 97 for Windows or ASCII.

You may get the service information identified in this proposed AD from The Cessna Aircraft Company, Product Support, P.O. Box 7706, Wichita, Kansas 67277; telephone: (316) 517–6000; facsimile: (316) 517–8500.

You may view the AD docket at FAA, Central Region, Office of the Regional Counsel, Attention: Rules Docket No. 2003–CE–54–AD, 901 Locust, Room 506, Kansas City, Missouri 64106. Office hours are 8 a.m. to 4 p.m., Monday through Friday, except Federal holidays.

**FOR FURTHER INFORMATION CONTACT:** Dan Withers, Aerospace Engineer, Wichita Aircraft Certification Office, FAA, 1801 Airport Road, Wichita, Kansas 67209; telephone: (316) 946–4196; facsimile: (316) 946–4107.

**SUPPLEMENTARY INFORMATION:**

**Comments Invited**

*How do I comment on this proposed AD?* We invite you to submit any written relevant data, views, or arguments regarding this proposal. Send your comments to an address listed under **ADDRESSES**. Include “AD Docket No. 2003–CE–54–AD” in the subject line of your comments. If you want us to acknowledge receipt of your mailed comments, send us a self-addressed, stamped postcard with the docket number written on it. We will date-stamp your postcard and mail it back to you.

*Are there any specific portions of this proposed AD I should pay attention to?*

We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this proposed AD. If you contact us through a nonwritten communication and that contact relates to a substantive part of this proposed AD, we will summarize the contact and place the summary in the docket. We will consider all comments received by the closing date and may amend this proposed AD in light of those comments and contacts.

**Discussion**

*Has FAA taken any action to this point?* A report of an accident involving a Cessna Model 525 airplane where the pilot reported a problem with the pitch trim system, and later Cessna and FAA analysis that revealed the potential for a single-wire shorting caused us to issue AD 2003–21–07, Amendment 39–13342 (68 FR 60028, October 21, 2003). AD 2003–21–07 currently requires you to do the following on Cessna Model 525 airplanes:

- Disengage the pitch trim circuit breaker and AP servo circuit breaker; and
- Tie strap each of them to prevent them from being engaged.

*What has happened since AD 2003–21–07 to initiate this proposed action?* AD 2003–21–07 is considered an interim action since compliance corrected the condition where the control wheel autopilot/trim disconnect switch did not stop the runaway condition. However, AD 2003–21–07 did not correct the issue of the single-point failure while still utilizing the desired equipment. Cessna has now developed and made changes in the design of the affected trim printed circuit board (PCB) assembly to eliminate the single-point failure while allowing the use of the equipment, and identified additional airplanes that have the same unsafe condition.

*What is the potential impact if FAA took no action?* Failure of the electric trim system would result in a large pitch mistrim and would cause excessive

control forces that the pilot could not overcome.

*Is there service information that applies to this subject?* Cessna has issued Citation Service Bulletin No. SB525-27-17, dated December 9, 2003.

*What are the provisions of this service information?* The service bulletin includes procedures for:

- Inspecting the electric elevator trim motor;
- Removing the trim PCB assembly;
- Modifying the trim PCB assembly;
- Installing a trim PCB assembly; and
- Removing any tie straps or extension caps installed on the AP servos and pitch trim circuit breakers.

#### FAA's Determination and Requirements of This Proposed AD

*What has FAA decided?* We have evaluated all pertinent information and

identified an unsafe condition that is likely to exist or develop on other products of this same type design. Therefore, we are proposing AD action.

*What would this proposed AD require?* This proposed AD would supersede AD 2003-21-07 with a new AD that would require you to:

- Remove any 6518351-3 or 6518351-5 trim PCB assembly and replace with a 6518351-10 (EX) trim PCB assembly; or
- Modify the 6518351-8 trim PCB assembly to a 6518351-10 trim PCB assembly.

*How does the revision to 14 CFR part 39 affect this proposed AD?* On July 10, 2002, we published a new version of 14 CFR part 39 (67 FR 47997, July 22, 2002), which governs FAA's AD system. This regulation now includes material that relates to altered products, special

flight permits, and alternative methods of compliance. This material previously was included in each individual AD. Since this material is included in 14 CFR part 39, we will not include it in future AD actions.

#### Costs of Compliance

*How many airplanes would this proposed AD impact?* We estimate that this proposed AD affects 251 airplanes in the U.S. registry.

*What would be the cost impact of this proposed AD on owners/operators of the affected airplanes?* We estimate the following costs to accomplish this proposed modification of the 6518351-8 trim PCB assembly to a 6518351-10 trim PCB assembly. We have no way of determining the number of airplanes that may need this modification:

Labor cost	Parts cost	Total cost per airplane
4 workhours × \$65 per hour = \$260 .....	\$2,995.	\$2,995+\$260 = \$3,255.

We estimate the following costs to accomplish this proposed replacement of any 6518351-3 or 6518351-5 trim

PCB assembly with a 6518351-10 (EX) trim PCB assembly. We have no way of

determining the number of airplanes that may need this replacement:

Labor cost	Parts cost	Total cost per airplane
2 workhours × \$65 per hour = \$130 .....	\$2,995.	\$2,995+\$130 = \$3,125.

*What is the difference between the cost impact of this proposed AD and the cost impact of AD 2003-21-07?* The estimated cost impact of AD 2003-21-07 on each of 116 airplanes in the U.S. registry is \$65. This is to disengage the pitch trim circuit breaker and AP servo circuit breaker and then tie strap each of them to prevent them from being engaged.

The estimated cost of this proposed AD is \$3,125 or \$3,255 on each of 251 airplanes in the U.S. registry to do the replacement or modification of the trim PCB assembly.

#### Compliance Time of This Proposed AD

*What would be the compliance time of this proposed AD?* The compliance time of this proposed AD is within the next 24 calendar months after the effective date of this AD or within 300 hours time-in-service (TIS) after the effective date of this AD, whichever occurs first.

*Why is the compliance time of this proposed AD presented in both hours TIS and calendar time?* A single-wire shorting to 28 volts or a failure of a relay that results in the relay contacts remaining closed is a direct result of airplane operation. For example, either

failure could occur on an affected airplane within a short period of airplane operation while you could operate another affected airplane for a considerable amount of time without experiencing either failure. Therefore, to assure that either failure is detected and corrected in a timely manner without inadvertently grounding any of the affected airplanes, we are using a compliance time based upon both hours TIS and calendar time.

#### Regulatory Findings

*Would this proposed AD impact various entities?* We have determined that this proposed AD would not have federalism implications under Executive Order 13132. This proposed AD would 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.

*Would this proposed AD involve a significant rule or regulatory action?* For the reasons discussed above, I certify that this proposed AD:

1. Is not a "significant regulatory action" under Executive Order 12866;

2. Is not a "significant rule" under the DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979); and

3. Will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

We prepared a summary of the costs to comply with this proposed AD and placed it in the AD Docket. You may get a copy of this summary by sending a request to us at the address listed under **ADDRESSES**. Include "AD Docket No. 2003-CE-54-AD" in your request.

#### List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Safety.

#### The Proposed Amendment

Accordingly, under the authority delegated to me by the Administrator, the Federal Aviation Administration proposes to amend 14 CFR part 39 as follows:

#### PART 39—AIRWORTHINESS DIRECTIVES

1. The authority citation for part 39 continues to read as follows:

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

**§ 39.13 [Amended]**

2. The FAA amends § 39.13 by removing Airworthiness Directive (AD) 2003-21-07, Amendment 39-13342 (68 FR 60028, October 21, 2003), and by adding a new AD to read as follows:

**The Cessna Aircraft Company:** Docket No. 2003-CE-54-AD

**When Is the Last Date I Can Submit Comments on This Proposed AD?**

(a) We must receive comments on this proposed airworthiness directive (AD) by April 15, 2004.

**What Other ADs Are Affected by This Action?**

(b) This AD supersedes AD 2003-21-07.

**What Airplanes Are Affected by This AD?**

(c) This AD affects Model 525 airplanes with the following serial numbers that are certificated in any category:

(1) *Group 1* (maintains the actions from AD 2003-21-07): 525-0001, 525-0002, and 525-0004 through 525-0159.

(2) *Group 2*: 525-0160 through 525-0359.

**What Is the Unsafe Condition Presented in This AD?**

(d) This AD is the result of Cessna having now developed and made changes in the design of the affected trim printed circuit

board (PCB) assembly to allow the use of the assembly and the prevention of the single-point failure, and identification of additional airplanes that have the same unsafe condition. The actions specified in this AD are intended to correct this single-point failure in the electric pitch trim system, which will result in a runaway pitch trim condition where the pilot could not disconnect using the control wheel autopilot/trim disconnect switch. Failure of the electric trim system would result in a large pitch mistrim and would cause excessive control forces that the pilot could not overcome.

**What Must I Do To Address This Problem?**

(e) To address this problem, you must do the following:

Actions	Compliance	Procedures
(1) <i>For Group 1 airplanes only</i> : Disengage the PITCH TRIM circuit breaker located on the left circuit breaker panel. Install a tie strap (part number (P/N) MS3367-1-4 or equivalent part number) on the shaft of the PITCH TRIM circuit breaker from being engaged.	Within 5 calendar days or 10 hours time-in-service after October 22, 2003 (the effective date of AD 2003-21-07), whichever occurs first.	Not Applicable.
(2) <i>For Group 1 airplanes only</i> : Disengage the AP SERVOS circuit breaker located in the right circuit breaker panel. Install a tie strap (P/N MS3367-1-4 or equivalent part number) on the shaft of the AP SERVOS circuit breaker to prevent the circuit breaker from being engaged.	Within 5 calendar days or 10 hours time-in-service after October 22, 2003 (the effective date of AD 2003-21-07), whichever occurs first.	Not Applicable.
(3) The Minimum Crew portion of Section II—Operating Limitations of the Airplane Flight Manual (AFM) provides information on applicable operating limitations with the autopilot inoperative.	Not Applicable.	Not Applicable.
(4) All affected airplanes were originally equipped with a P/N 6518351-3 or P/N 65138351-5 Trim PC Board Assembly. If a P/N 6518351-8 Trim PC Board Assembly is installed, contact the Wichita Aircraft Certification Office at the address in paragraph (f) of this AD to determine if the installed P/N 6518351-8 Trim PC board assembly is an alternative method of compliance to this AD.	Not Applicable.	Not Applicable.
(5) Cessna Citation Alert Service Letter ASL525-27-02, dated October 10, 2003, contains information related to this subject.	Not Applicable.	Not Applicable.
(6) <i>For both Group 1 and Group 2 airplanes</i> : Do the trim PCB assembly change as follows: (i) Modify the 6518351-8 trim PCB assembly to a 6518351-10 trim PCB assembly; or (ii) Replace any 6518351-3 trim PCB assembly with 6518351-10 (EX) trim PCB assembly.	Within the next 24 calendar months after the effective date of this AD or within 300 hours time-in-service (TIS) after the effective date of this AD, whichever occurs first, unless already done.	Follow the ACCOMPLISHMENT INSTRUCTIONS paragraph of Cessna Citation Service Bulletin No. SB525-27-17, dated December 9, 2003.
(7) <i>For both Group 1 and Group 2 airplanes</i> : Remove any tie strap (P/N MS3367-1-4 or equivalent part number) on the AP SERVOS and PITCH circuit breakers. (Required by AD 2003-21-07.)	Before further flight after the modification or replacement of the trim PCB assembly required by paragraph (e)(6)(i) or (e)(6)(ii) of this AD.	Follow the ACCOMPLISHMENT INSTRUCTIONS paragraph of Cessna Citation Service Bulletin No. SB525-27-17, dated December 9, 2003.
(8) <i>For both Group 1 and Group 2 airplanes</i> : Do not install any 6518351-8, 6518351-3, or 6518351-5 trim PCB assembly.	As of the effective date of this AD.	Not Applicable.

**May I Request an Alternative Method of Compliance?**

(f) You may request a different method of compliance or a different compliance time for this AD by following the procedures in 14 CFR 39.19. Unless FAA authorizes otherwise,

send your request to your principal inspector. The principal inspector may add comments and will send your request to the Manager, Wichita Aircraft Certification Office (ACO), FAA.

(1) For information on any already approved alternative methods of compliance,

contact Dan Withers, Aerospace Engineer, Wichita ACO, FAA, 1801 Airport Road, Wichita, Kansas 67209; telephone: (316) 946-4196; facsimile: (316) 946-4107.

(2) Alternative methods of compliance approved for AD 2003-21-07 are not

approved as alternative methods of compliance for this AD.

**May I Get Copies of the Documents Referenced in This AD?**

(g) You may get copies of the documents referenced in this AD from The Cessna Aircraft Company, Product Support, P.O. Box 7706, Wichita, Kansas 67277; telephone: (316) 517-6000; facsimile: (316) 517-8500. You may view these documents at FAA, Central Region, Office of the Regional Counsel, 901 Locust, Room 506, Kansas City, Missouri 64106.

Issued in Kansas City, Missouri, on January 29, 2004.

**Dorenda D. Baker,**

*Manager, Small Airplane Directorate, Aircraft Certification Service.*

[FR Doc. 04-2403 Filed 2-5-04; 8:45 am]

BILLING CODE 4910-13-P

**DEPARTMENT OF TRANSPORTATION**

**Federal Aviation Administration**

**14 CFR Part 39**

[Docket No. 2003-NM-97-AD]

RIN 2120-AA64

**Airworthiness Directives; Empresa Brasileira de Aeronautica S.A. (EMBRAER) Model EMB-135 and -145 Series Airplanes**

**AGENCY:** Federal Aviation Administration, DOT.

**ACTION:** Notice of proposed rulemaking (NPRM).

**SUMMARY:** This document proposes the adoption of a new airworthiness directive (AD) that is applicable to certain Model EMB-135 and -145 series airplanes. This proposal would require modification of the pitch trim system, which includes replacing certain components of the system with new or serviceable components, and upgrading certain software to a newer version. This action is necessary to prevent the temporary loss of the pitch trim command, which could result in reduced controllability of the airplane and consequent injury to the flightcrew and passengers. This action is intended to address the identified unsafe condition.

**DATES:** Comments must be received by March 8, 2004.

**ADDRESSES:** Submit comments in triplicate to the Federal Aviation Administration (FAA), Transport Airplane Directorate, ANM-114, Attention: Rules Docket No. 2003-NM-97-AD, 1601 Lind Avenue, SW., Renton, Washington 98055-4056. Comments may be inspected at this

location between 9 a.m. and 3 p.m., Monday through Friday, except Federal holidays. Comments may be submitted via fax to (425) 227-1232. Comments may also be sent via the Internet using the following address: 9-anm-nprmcomment@faa.gov. Comments sent via fax or the Internet must contain "Docket No. 2003-NM-97-AD" in the subject line and need not be submitted in triplicate. Comments sent via the Internet as attached electronic files must be formatted in Microsoft Word 97 or 2000 or ASCII text.

The service information referenced in the proposed rule may be obtained from Empresa Brasileira de Aeronautica S.A. (EMBRAER), P.O. Box 343—CEP 12.225, Sao Jose dos Campos—SP, Brazil. This information may be examined at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington.

**FOR FURTHER INFORMATION CONTACT:** Todd Thompson, Aerospace Engineer, International Branch, ANM-116, FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington 98055-4056; telephone (425) 227-1175; fax (425) 227-1149.

**SUPPLEMENTARY INFORMATION:**

**Comments Invited**

Interested persons are invited to participate in the making of the proposed rule by submitting such written data, views, or arguments as they may desire. Communications shall identify the Rules Docket number and be submitted in triplicate to the address specified above. All communications received on or before the closing date for comments, specified above, will be considered before taking action on the proposed rule. The proposals contained in this action may be changed in light of the comments received.

Submit comments using the following format:

- Organize comments issue-by-issue. For example, discuss a request to change the compliance time and a request to change the service bulletin reference as two separate issues.
- For each issue, state what specific change to the proposed AD is being requested.
- Include justification (e.g., reasons or data) for each request.

Comments are specifically invited on the overall regulatory, economic, environmental, and energy aspects of the proposed 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 summarizing each FAA-public contact

concerned with the substance of this proposal will be filed in the Rules Docket.

Commenters wishing the FAA to acknowledge receipt of their comments submitted in response to this action must submit a self-addressed, stamped postcard on which the following statement is made: "Comments to Docket Number 2003-NM-97-AD." The postcard will be date stamped and returned to the commenter.

**Availability of NPRMs**

Any person may obtain a copy of this NPRM by submitting a request to the FAA, Transport Airplane Directorate, ANM-114, Attention: Rules Docket No. 2003-NM-97-AD, 1601 Lind Avenue, SW., Renton, Washington 98055-4056.

**Discussion**

The Departamento de Aviacao Civil (DAC), which is the airworthiness authority for Brazil, notified the FAA that an unsafe condition may exist on certain EMBRAER Model EMB-135 and -145 series airplanes. The DAC advises that several operators have reported temporary loss of the pitch trim command during the climb after take-off caused by probable failure of various components of the pitch trim system. The pitch trim system consists of several components including the horizontal stabilizer control unit (HSCU), the horizontal stabilizer actuator (HSA), the aural warning unit (AWU), integrated computer (IC) units, engine indicating and crew alerting system/electronic flight information system (EICAS/EFIS) software, the control yoke pitch trim switch, and the data acquisition unit (DAU). Failure of the pitch trim system, if not corrected, could result in reduced controllability of the airplane and consequent injury to the flightcrew and passengers.

**Explanation of Relevant Service Information**

EMBRAER has issued the following service bulletins related to the modification of the pitch trim system.

- EMBRAER Service Bulletin 145LEG-27-0002, dated February 5, 2003 (for Model EMB-135BJ series airplanes); and EMBRAER Service Bulletin 145-27-0084, Revision 04, dated October 21, 2003 (for Model EMB-135ER, -135LR, -135KE, and -135KL series airplanes; and Model EMB-145, -145ER, -145MR, -145LR, -145XR, -145MP, and -145EP series airplanes); which describe procedures for replacing the HSCU with a new unit having improved features. EMBRAER Service Bulletin 145-27-0084 specifies that EMBRAER Service Bulletin 145-