

acceleration must be investigated for airplanes with engines or other weight concentrations outboard of the fuselage. For the angular acceleration conditions, zero rolling velocity may be assumed in the absence of a rational time history investigation of the maneuver.

(b) At V_A , sudden movement of the cockpit roll control up to the limit is assumed. The position of the cockpit roll control must be maintained until a steady roll rate is achieved and then must be returned suddenly to the neutral position.

(c) At V_C , the cockpit roll control must be moved suddenly and maintained so as to achieve a roll rate not less than that obtained in paragraph (2).

(d) At V_D , the cockpit roll control must be moved suddenly and maintained so as to achieve a roll rate not less than one-third of that obtained in paragraph (2).

Issued in Renton, Washington, on March 1, 2007.

Ali Bahrami,

Manager, Transport Airplane Directorate,
Aircraft Certification Service.

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2007-27508; Directorate Identifier 2006-NM-252-AD]

RIN 2120-AA64

Airworthiness Directives; Empresa Brasileira de Aeronautica S.A. (EMBRAER) ERJ 170 Airplanes

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

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: We propose to adopt a new airworthiness directive (AD) for the products listed above. This proposed AD results from mandatory continuing airworthiness information (MCAI) issued by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as an obstruction at the cargo compartment fire extinguisher system drier metering unit (DME) inlet, affecting the system effectiveness and, consequently, making the fire extinguishing capability at those compartments inadequate should a fire

erupt. The proposed AD would require actions that are intended to address the unsafe condition described in the MCAI.

DATES: We must receive comments on this proposed AD by April 11, 2007.

ADDRESSES: You may send comments by any of the following methods:

- *DOT Docket Web Site:* Go to <http://dms.dot.gov> and follow the instructions for sending your comments electronically.
- *Fax:* (202) 493-2251.
- *Mail:* Docket Management Facility, U.S. Department of Transportation, 400 Seventh Street, SW., Nassif Building, Room PL-401, Washington, DC 20590-0001.
- *Hand Delivery:* Room PL-401 on the plaza level of the Nassif Building, 400 Seventh Street, SW., Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.
- *Federal eRulemaking Portal:* <http://www.regulations.gov>. Follow the instructions for submitting comments.

Examining the AD Docket

You may examine the AD docket on the Internet at <http://dms.dot.gov>; or in person at the Docket Management Facility between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this proposed AD, the regulatory evaluation, any comments received, and other information. The street address for the Docket Office (telephone (800) 647-5227) is in the **ADDRESSES** section. Comments will be available in the AD docket shortly after receipt.

FOR FURTHER INFORMATION CONTACT:

Todd Thompson, Aerospace Engineer, International Branch, ANM-116, FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington 98057-3356; telephone (425) 227-1175; fax (425) 227-1149.

SUPPLEMENTARY INFORMATION:

Streamlined Issuance of AD

The FAA is implementing a new process for streamlining the issuance of ADs related to MCAI. This streamlined process will allow us to adopt MCAI safety requirements in a more efficient manner and will reduce safety risks to the public. This process continues to follow all FAA AD issuance processes to meet legal, economic, Administrative Procedure Act, and **Federal Register** requirements. We also continue to meet our technical decision-making responsibilities to identify and correct unsafe conditions on U.S.-certificated products.

This proposed AD references the MCAI and related service information that we considered in forming the

engineering basis to correct the unsafe condition. The proposed AD contains text copied from the MCAI and for this reason might not follow our plain language principles.

Comments Invited

We invite you to send any written relevant data, views, or arguments about this proposed AD. Send your comments to an address listed under the **ADDRESSES** section. Include "Docket No. FAA-2007-27508; Directorate Identifier 2006-NM-252-AD" at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this proposed AD. We will consider all comments received by the closing date and may amend this proposed AD because of those comments.

We will post all comments we receive, without change, to <http://dms.dot.gov>, including any personal information you provide. We will also post a report summarizing each substantive verbal contact we receive about this proposed AD.

Discussion

The Agência Nacional de Aviação Civil (ANAC), which is the aviation authority for Brazil, has issued Brazilian Airworthiness Directive 2006-01-03, effective February 7, 2006 (referred to after this as "the MCAI"), to correct an unsafe condition for the specified products. The MCAI states that it has been found the occurrence of one case of obstruction at the cargo compartment fire extinguisher system drier metering unit (DMU) inlet, affecting the system effectiveness and, consequently, making the fire extinguishing capability at those compartments inadequate should a fire erupt. The MCAI requires installation of a debris strainer at the DMU inlet. You may obtain further information by examining the MCAI in the AD docket.

Relevant Service Information

EMBRAER has issued Service Bulletin 170-26-0002, dated November 11, 2005. The actions described in this service information are intended to correct the unsafe condition identified in the MCAI.

FAA's Determination and Requirements of This Proposed AD

This product has been approved by the aviation authority of another country, and is approved for operation in the United States. Pursuant to our bilateral agreement with this State of Design Authority, they have notified us of the unsafe condition described in the MCAI and service information

referenced above. We are proposing this AD because we evaluated all information provided by the State of Design Authority and determined the unsafe condition exists and is likely to exist or develop on other products of the same type design.

Differences Between This AD and the MCAI or Service Information

We have reviewed the MCAI and related service information and, in general, agree with their substance. But we might have found it necessary to use different words from those in the MCAI to ensure the AD is clear for U.S. operators and is enforceable. In making these changes, we do not intend to differ substantively from the information provided in the MCAI and related service information.

We might also have proposed different actions in this AD from those in the MCAI in order to follow FAA policies. Any such differences are described in a separate paragraph of the proposed AD. These requirements, if ultimately adopted, will take precedence over the actions copied from the MCAI.

Costs of Compliance

Based on the service information, we estimate that this proposed AD would affect about 75 products of U.S. registry. We also estimate that it would take about 4 work-hours per product to comply with this proposed AD. The average labor rate is \$80 per work-hour. Required parts would cost about \$0 per product. Where the service information lists required parts costs that are covered under warranty, we have assumed that there will be no charge for these costs. As we do not control warranty coverage for affected parties, some parties may incur costs higher than estimated here. Based on these figures, we estimate the cost of the proposed AD on U.S. operators to be \$24,000, or \$320 per product.

Authority for This Rulemaking

Title 49 of the United States Code specifies the FAA's authority to issue rules on aviation safety. Subtitle I, section 106, describes the authority of the FAA Administrator. "Subtitle VII: Aviation Programs," describes in more detail the scope of the Agency's authority.

We are issuing this rulemaking under the authority described in "Subtitle VII, Part A, Subpart III, Section 44701: General requirements." Under that section, Congress charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures

the Administrator finds necessary for safety in air commerce. This regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

Regulatory Findings

We 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.

For the reasons discussed above, I certify this proposed regulation:

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 regulatory evaluation of the estimated costs to comply with this proposed AD and placed it in the AD docket.

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 FAA 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 adding the following new AD:

Empresa Brasileira de Aeronautica S.A. (EMBRAER): Docket No. FAA-2007-27508; Directorate Identifier 2006-NM-252-AD.

Comments Due Date

- (a) We must receive comments by April 11, 2007.

Affected ADs

- (b) None.

Applicability

- (c) This AD applies to all EMBRAER Model ERJ 170-100 LR, -100 STD, -100 SE, -100

SU, -200 LR, -200 STD, and -200 SU airplanes in operation; certificated in any category.

Reason

(d) The MCAI states that it has been found the occurrence of one case of obstruction at the cargo compartment fire extinguisher system drier metering unit (DMU) inlet, affecting the system effectiveness and, consequently, making the fire extinguishing capability at those compartments inadequate should a fire erupt. The MCAI requires installation of a debris strainer at the DMU inlet.

Actions and Compliance

(e) Unless already done, do the following actions. Within 700 flight hours after the effective date of this AD, install a debris strainer at the DMU inlet, in accordance with the detailed instructions and procedures described in EMBRAER Service Bulletin 170-26-0002, dated November 11, 2005. Record compliance with this AD in the applicable maintenance log book.

FAA AD Differences

Note: This AD differs from the MCAI and/or service information as follows: No Differences.

Other FAA AD Provisions

(f) The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs):* The Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA, ATTN: Todd Thompson, Aerospace Engineer, 1601 Lind Avenue, SW., Renton, Washington 98057-3356, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. Before using any AMOC approved in accordance with § 39.19 on any airplane to which the AMOC applies, notify the appropriate principal inspector in the FAA Flight Standards Certificate Holding District Office.

(2) *Airworthy Product:* For any requirement in this AD to obtain corrective actions from a manufacturer or other source, use these actions if they are FAA-approved. Corrective actions are considered FAA-approved if they are approved by the State of Design Authority (or their delegated agent). You are required to assure the product is airworthy before it is returned to service.

(3) *Reporting Requirements:* For any reporting requirement in this AD, under the provisions of the Paperwork Reduction Act, the Office of Management and Budget (OMB) has approved the information collection requirements and has assigned OMB Control Number 2120-0056.

Related Information

(g) Refer to MCAI Brazilian Airworthiness Directive 2006-01-03, effective February 7, 2006; and EMBRAER Service Bulletin 170-26-0002, dated November 11, 2005; for related information.

Issued in Renton, Washington, on March 5, 2007.

Ali Bahrami,

Manager, Transport Airplane Directorate,
Aircraft Certification Service.

[FR Doc. E7-4373 Filed 3-9-07; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2007-27071; Directorate Identifier 2007-CE-004-AD]

RIN 2120-AA64

Airworthiness Directives; Raytheon Aircraft Company Models C90A, B200, B200C, B300, and B300C Airplanes

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

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: We propose to supersede Airworthiness Directive (AD) 2006-23-02 which applies to certain Raytheon Aircraft Company (RAC) (formerly Beech) Models C90A, B200, B200C, B300, and B300C airplanes. AD 2006-23-02 currently requires you to inspect the flight controls for improper assembly or damage, and if any improperly assembled or damaged flight controls are found, take corrective action. Since we issued AD 2006-23-02, we have determined the need to add airplane serial numbers that were not previously included in the applicability. Consequently, this proposed AD would retain the actions of AD 2006-23-02 and add airplane serial numbers to the applicability. We are proposing this AD to detect and correct improperly assembled or damaged flight controls, which could result in an unsafe condition by reducing capabilities of the flight controls and lead to loss of control of the airplane.

DATES: We must receive comments on this proposed AD by May 11, 2007.

ADDRESSES: Use one of the following addresses to comment on this proposed AD:

- *DOT Docket Web site:* Go to <http://dms.dot.gov> and follow the instructions for sending your comments electronically.

- *Government wide rulemaking Web site:* Go to <http://www.regulations.gov> and follow the instructions for sending your comments electronically.

- *Mail:* Docket Management Facility; U.S. Department of Transportation, 400 Seventh Street, SW., Nassif Building, Room PL-401, Washington, DC 20590-0001.

- *Fax:* (202) 493-2251.

- *Hand Delivery:* Room PL-401 on the plaza level of the Nassif Building, 400 Seventh Street, SW., Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

- *Federal eRulemaking Portal:* <http://www.regulations.gov>. Follow the instructions for submitting comments.

For service information identified in this proposed AD, contact Raytheon Aircraft Company, P.O. Box 85, Wichita, Kansas 67201-0085; *telephone:* (800) 429-5372 or (316) 676-3140.

FOR FURTHER INFORMATION CONTACT:

Chris B. Morgan, Aerospace Engineer, FAA, Wichita Aircraft Certification Office, 1801 Airport Road, Wichita, Kansas 67209; *telephone:* (316) 946-4154; *fax:* (316) 946-4107.

SUPPLEMENTARY INFORMATION:

Comments Invited

We invite you to send any written relevant data, views, or arguments regarding this proposed AD. Send your comments to an address listed under the **ADDRESSES** section. Include the docket number, "FAA-2007-27071; Directorate Identifier 2007-CE-004-AD" at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of the proposed AD. We will consider all comments received by the closing date and may amend the proposed AD in light of those comments.

We will post all comments we receive, without change, to <http://dms.dot.gov>, including any personal information you provide. We will also post a report summarizing each substantive verbal contact we receive concerning this proposed AD.

Discussion

A report from an FAA Manufacturing Inspection District Office that describes numerous nonconformities during the manufacture of RAC Models C90A, B200, B200C, B300, and B300C airplanes caused us to issue AD 2006-23-02, Amendment 39-14814 (71 FR 65390, November 8, 2006). AD 2006-23-02 currently requires that you inspect the flight controls for improper assembly or damage, and if any improperly assembled or damaged flight controls are found, take corrective action on certain RAC Models C90A,

B200, B200C, B300, and B300C airplanes.

Since issuing AD 2006-23-02, we have determined the need to add airplane serial numbers that were not previously included in the applicability.

This condition, if not corrected, could result in an unsafe condition by reducing capabilities of the flight controls.

Relevant Service Information

We have reviewed:

—Raytheon Aircraft Company Mandatory Service Bulletin Number SB 27-3761, Issued: February 2006; and

—Raytheon Aircraft Company Mandatory Service Bulletin Number SB 27-3761, Issued: February 2006, Revised: December 2006. This revision adds additional serial numbers to the effectivity.

The service information describes procedures for inspecting the flight control systems to ensure conformity with type design and correct the unsafe condition.

FAA's Determination and Requirements of the Proposed AD

We are proposing this AD because we evaluated all information and determined the unsafe condition described previously is likely to exist or develop on other products of the same type design. This proposed AD would supersede AD 2006-23-02 with a new AD that would retain the actions of AD 2006-23-02 and add airplane serial numbers to the applicability. This proposed AD would require you to use the service information described previously to perform these actions.

Differences Between This Proposed AD and the Service Information

We are requiring all phases of the flight control system be inspected at one time. The service information as presented allows some sections of the system to go 800 hours time-in-service before they are scheduled for inspection. We feel this time is excessive to allow potential safety items and nonconformities to exist. We have determined that the proposed compliance time will not inadvertently ground the affected airplanes.

Costs of Compliance

We estimate that this proposed AD would affect 138 airplanes in the U.S. registry.

We estimate the following costs to do the proposed inspection: