

Proposed Rules

Federal Register

Vol. 84, No. 103

Wednesday, May 29, 2019

This section of the FEDERAL REGISTER contains notices to the public of the proposed issuance of rules and regulations. The purpose of these notices is to give interested persons an opportunity to participate in the rule making prior to the adoption of the final rules.

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2019-0325; Product Identifier 2019-NM-038-AD]

RIN 2120-AA64

Airworthiness Directives; Embraer S.A. Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: We propose to adopt a new airworthiness directive (AD) for certain Embraer S.A. Model ERJ 170 airplanes; Model ERJ 190-100 STD, -100 LR, -100 ECJ, and -100 IGW airplanes; and Model ERJ 190-200 STD, -200 LR, and -200 IGW airplanes. This proposed AD was prompted by reports of the ram air turbine (RAT) compartment door seal peeling off and tangling up on the RAT rotor during flight test. This proposed AD would require a general visual inspection for peeling-off of the RAT compartment door seal, bonding if necessary, and the rework of the RAT compartment door seal attachment. We are proposing this AD to address the unsafe condition on these products.

DATES: We must receive comments on this proposed AD by July 15, 2019.

ADDRESSES: You may send comments, using the procedures found in 14 CFR 11.43 and 11.45, by any of the following methods:

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

- *Fax:* 202-493-2251.

- *Mail:* U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE, Washington, DC 20590.

- *Hand Delivery:* Deliver to Mail address above between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For service information identified in this NPRM, contact Embraer S.A., Technical Publications Section (PC 060), Av. Brigadeiro Faria Lima, 2170—Putim—12227-901 São Jose dos Campos—SP—Brasil; telephone +55 12 3927-5852 or +55 12 3309-0732; fax +55 12 3927-7546; email distrib@embraer.com.br; internet <http://www.flyembraer.com>. You may view this service information at the FAA, Transport Standards Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206-231-3195.

Examining the AD Docket

You may examine the AD docket on the internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2019-0325; or in person at Docket Operations between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this NPRM, the regulatory evaluation, any comments received, and other information. The street address for Docket Operations (phone: 800-647-5527) is listed above. Comments will be available in the AD docket shortly after receipt.

FOR FURTHER INFORMATION CONTACT:

Krista Greer, Aerospace Engineer, International Section, Transport Standards Branch, FAA, 2200 South 216th St., Des Moines, WA 98198; telephone and fax 206-231-3221.

SUPPLEMENTARY INFORMATION:

Comments Invited

We invite you to send any written relevant data, views, or arguments about this proposal. Send your comments to an address listed under the **ADDRESSES** section. Include “Docket No. FAA-2019-0325; Product Identifier 2019-NM-038-AD” at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this NPRM. We will consider all comments received by the closing date and may amend this NPRM because of those comments.

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

Discussion

The Agência Nacional de Aviação Civil (ANAC), which is the aviation authority for Brazil, has issued Brazilian AD 2019-02-02, dated February 28, 2019 (referred to after this as the Mandatory Continuing Airworthiness Information, or “the MCAI”), to correct an unsafe condition for certain Embraer S.A. Model ERJ 170 airplanes; Model ERJ 190-100 STD, -100 LR, -100 ECJ, and -100 IGW airplanes; and Model ERJ 190-200 STD, -200 LR, and -200 IGW airplanes. The MCAI states:

It has been found the occurrence some events of the Ram Air Turbine (RAT) compartment door seal peeling off and tangling up on the RAT rotor during flight test. We are issuing this [Brazilian] AD to prevent the loss of the RAT function, which associated with an emergency electrical event, can result in the loss of airplane controllability.

Required actions include an inspection for peeling-off condition, bonding as necessary, and rework of the RAT compartment door seal attachment. You may examine the MCAI in the AD docket on the internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2019-0325.

Related Service Information Under 14 CFR Part 51

Embraer S.A. has issued Service Bulletin SB170-53-0142, Revision 01, dated December 12, 2018; Service Bulletin SB190-53-0098, Revision 01, dated December 12, 2018; and Service Bulletin SB190LIN-53-0072, Revision 01, dated January 9, 2019. This service information describes procedures for rework of the RAT compartment door seal attachment, which includes installing fasteners around the RAT door seal attachment. These documents are distinct since they apply to different airplane models.

This service information is reasonably available because the interested parties have access to it through their normal course of business or by the means identified in the **ADDRESSES** section.

FAA's Determination

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 the State of Design Authority, we have been notified

of the unsafe condition described in the MCAI and service information referenced above. We are proposing this AD because we evaluated all the relevant information and determined the unsafe condition described previously is likely to exist or develop

on other products of the same type design.

Proposed Requirements of This NPRM

This proposed AD would require a general visual inspection for peeling-off of the RAT compartment door seal, bonding if necessary, and the rework of

the RAT compartment door seal attachment.

Costs of Compliance

We estimate that this proposed AD affects 570 airplanes of U.S. registry. We estimate the following costs to comply with this proposed AD:

ESTIMATED COSTS FOR REQUIRED ACTIONS

Labor cost	Parts cost	Cost per product	Cost on U.S. operators
3 work-hours × \$85 per hour = \$255	\$0*	\$255	\$145,350

*We have received no definitive data that would enable us to provide a parts cost estimate for the actions specified in this proposed AD.

We have received no definitive data that would enable us to provide cost estimates for the on-condition actions specified in this proposed AD.

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.

This proposed AD is issued in accordance with authority delegated by the Executive Director, Aircraft Certification Service, as authorized by FAA Order 8000.51C. In accordance with that order, issuance of ADs is normally a function of the Compliance and Airworthiness Division, but during this transition period, the Executive Director has delegated the authority to issue ADs applicable to transport category airplanes and associated appliances to the Director of the System Oversight Division.

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);
3. Will not affect intrastate aviation in Alaska; and
4. 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.

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Incorporation by reference, 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 airworthiness directive (AD):

Embraer S.A.: Docket No. FAA–2019–0325; Product Identifier 2019–NM–038–AD.

(a) Comments Due Date

We must receive comments by July 15, 2019.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Embraer S.A. airplanes, identified in paragraphs (c)(1) through (c)(3) of this AD, certificated in any category.

(1) Model ERJ 170–100 LR, –100 STD, –100 SE, and –100 SU airplanes; and Model ERJ 170–200 LR, –200 SU, –200 STD, and –200 LL airplanes, as identified in Embraer Service Bulletin SB170–53–0142, Revision 01, dated December 12, 2018.

(2) Model ERJ 190–100 STD, –100 LR, and –100 IGW airplanes; and ERJ 190–200 STD, –200 LR, and –200 IGW airplanes, as identified in Embraer Service Bulletin SB190–53–0098, Revision 01, dated December 12, 2018.

(3) Model ERJ 190–100 ECJ airplanes, as identified in Embraer Service Bulletin SB190LIN–53–0072, Revision 01, dated January 9, 2019.

(d) Subject

Air Transport Association (ATA) of America Code 53, Fuselage.

(e) Reason

This AD was prompted by reports of the ram air turbine (RAT) compartment door seal peeling off and tangling up on the RAT rotor during flight test. We are issuing this AD to address the possible loss of the RAT function, which associated with an emergency electrical event, can result in the loss of airplane controllability.

(f) Compliance

Comply with this AD within the compliance times specified, unless already done.

(g) Inspection and Rework

(1) For airplanes identified in paragraphs (c)(1) and (c)(2) of this AD: Within 750 flight hours after the effective date of this AD, do a general visual inspection of the RAT compartment door seal for peeling-off condition (disbonding), do all applicable bonding, and rework the RAT compartment door seal attachment, in accordance with the Accomplishment Instructions of the service information identified in paragraph (c)(1) or (c)(2) of this AD, as applicable. Do all applicable bonding before further flight.

(2) For airplanes identified in paragraph (c)(3) of this AD: Within 400 flight hours or 6 months after the effective date of this AD, whichever occurs first, do all applicable

bonding, and rework the RAT compartment door seal attachment, in accordance with the Accomplishment Instructions of the service information identified in paragraph (c)(3) of this AD, as applicable. Do all applicable bonding before further flight.

(h) Credit for Previous Actions

This paragraph provides credit for actions required by paragraph (g) of this AD, if those actions were performed before the effective date of this AD using Embraer Service Bulletin 170-53-0142, dated December 8, 2017; Embraer Service Bulletin 190-53-0098, dated December 8, 2017; or Embraer Service Bulletin 190LIN-53-0072, dated December 15, 2017; as applicable.

(i) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs)*: The Manager, International Section, Transport Standards Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the International Section, send it to the attention of the person identified in paragraph (j)(2) of this AD. Information may be emailed to: 9-ANM-116-AMOC-REQUESTS@faa.gov. Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office.

(2) *Contacting the Manufacturer*: For any requirement in this AD to obtain corrective actions from a manufacturer, the action must be accomplished using a method approved by the Manager, International Section, Transport Standards Branch, FAA; or the Agência Nacional de Aviação Civil (ANAC); or ANAC's authorized Designee. If approved by the ANAC Designee, the approval must include the Designee's authorized signature.

(3) *Required for Compliance (RC)*: Except as specified by paragraphs (g) and (i)(2) of this AD: For service information that contains steps that are labeled as RC, the provisions of paragraphs (i)(3)(i) and (i)(3)(ii) of this AD apply.

(i) The steps labeled as RC, including substeps under an RC step and any figures identified in an RC step, must be done to comply with the AD. If a step or substep is labeled "RC Exempt," then the RC requirement is removed from that step or substep. An AMOC is required for any deviations to RC steps, including substeps and identified figures.

(ii) Steps not labeled as RC may be deviated from using accepted methods in accordance with the operator's maintenance or inspection program without obtaining approval of an AMOC, provided the RC steps, including substeps and identified figures, can still be done as specified, and the airplane can be put back in an airworthy condition.

(j) Related Information

(1) Refer to Mandatory Continuing Airworthiness Information (MCAI) Brazilian

AD 2019-02-02, dated February 28, 2019, for related information. This MCAI may be found in the AD docket on the internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2019-0325.

(2) For more information about this AD, contact Krista Greer, Aerospace Engineer, International Section, Transport Standards Branch, FAA, 2200 South 216th St., Des Moines, WA 98198; telephone and fax 206-231-3221.

(3) For service information identified in this AD, contact Embraer S.A., Technical Publications Section (PC 060), Av. Brigadeiro Faria Lima, 2170—Putim—12227-901 São Jose dos Campos—SP—Brasil; telephone +55 12 3927-5852 or +55 12 3309-0732; fax +55 12 3927-7546; email distrib@embraer.com.br; internet <http://www.flyembraer.com>. You may view this service information at the FAA, Transport Standards Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206-231-3195.

Issued in Des Moines, Washington, on May 15, 2019.

Michael Kaszycki,

Acting Director, System Oversight Division, Aircraft Certification Service.

[FR Doc. 2019-11093 Filed 5-28-19; 8:45 am]

BILLING CODE 4910-13-P

DEPARTMENT OF HOMELAND SECURITY

Coast Guard

33 CFR Part 100

[Docket Number USCG-2019-0223]

RIN 1625-AA08

Special Local Regulation; Zimovia Strait, Wrangell, AK

AGENCY: Coast Guard, DHS.

ACTION: Notice of proposed rulemaking.

SUMMARY: The Coast Guard proposes to establish a permanent special local regulation to enable vessel movement restrictions for certain waters of the Zimovia Strait. This action is necessary to provide for the safety of life on these navigable waters near Wrangell Harbor during power boat races on July 4, 2019 and every subsequent year on July 4. This proposed rulemaking would prohibit persons and vessels from transiting through, mooring, or anchoring within the special local regulation race area unless authorized by the Captain of the Port Southeast Alaska or a designated representative. We invite your comments on this proposed rulemaking.

DATES: Comments and related material must be received by the Coast Guard on or before June 28, 2019.

ADDRESSES: You may submit comments identified by docket number USCG-2019-0223 using the Federal eRulemaking Portal at <http://www.regulations.gov>. See the "Public Participation and Request for Comments" portion of the **SUPPLEMENTARY INFORMATION** section for further instructions on submitting comments.

FOR FURTHER INFORMATION CONTACT: If you have questions about this proposed rulemaking, call or email LT Kristi Sloane, Sector Juneau, Waterways Management Division, Coast Guard: Telephone 907-463-2846, email D17-SMB-Sector-Juneau-WWM@uscg.mil.

SUPPLEMENTARY INFORMATION:

I. Table of Abbreviations

CFR Code of Federal Regulations
DHS Department of Homeland Security
FR Federal Register
NPRM Notice of proposed rulemaking
§ Section
U.S.C. United States Code

II. Background, Purpose, and Legal Basis

On January 16, 2019, the Wrangell Chamber of Commerce notified the Coast Guard that it will be conducting high speed boat races from 11 a.m. to 7 p.m. on July 4, 2019, as part of the Wrangell 4th of July Celebration. The boat races will be taking place approximately 100 yards off of the city dock in Wrangell, AK. The Captain of the Port Southeast Alaska (COTP) has determined that potential hazards associated with the high speed races is a safety concern for anyone within the zone.

The purpose of this rulemaking is to ensure the safety of vessels and the navigable waters within a race area before, during, and after the scheduled event. The Coast Guard proposes this rulemaking under authority in 33 U.S.C. 1231.

III. Discussion of Proposed Rule

The COTP proposes to establish a special local regulation from 11 a.m. to 7 p.m. on July 4, 2019, and every subsequent year on July 4th. The special local regulation would cover all navigable waters within the race area to include Wrangell Harbor entrance and an area extending Northwest along the shoreline approximately 1000 yards and Southwest approximately 500 yards. No vessel or person would be permitted to enter the special local regulation area without obtaining permission from the COTP or a designated representative. The regulatory text we are proposing appears at the end of this document.