

THSA within 12 months or 1,500 flight cycles after the effective date of this AD, whichever occurs first.

(2) For a THSA that has accumulated 16,000 total flight cycles or more, but less than 20,000 total flight cycles since the THSA's first installation on an airplane, as of the effective date of this AD, and that is installed on an Airbus Model A330-201, -202, -203, -223, -223F, -243, -243F, -301, -302, -303, -321, -322, -323, -341, -342, or -343 airplane: Replace the THSA within 30 months or 4,000 flight cycles after the effective date of this AD, whichever occurs first.

(3) For a THSA that has accumulated 16,000 total flight cycles or more, but less than 20,000 total flight cycles since the THSA's first installation on an airplane, as of the effective date of this AD, and that is installed on an Airbus Model A340-211, -212, -213, -311, -312, or -313 airplane: Replace the THSA within 30 months or 3,000 flight cycles after the effective date of this AD, whichever occurs first.

(i) Definition of Serviceable THSA

Except as required by paragraph (j)(2) of this AD, for the purposes of this AD a serviceable THSA is a THSA:

(1) Having a part number identified in Airbus AOT A27L005-13, dated July 11, 2013, that has accumulated fewer than 20,000 total flight cycles since first installation on an airplane; or

(2) Having a part number that is not identified in Airbus AOT A27L005-13, dated July 11, 2013.

(j) Parts Installation Limitation and Replacement

(1) As of 12 months after the effective date of this AD, no person may install on any airplane a THSA with a part number specified in Airbus AOT A27L005-13, dated July 11, 2013, that has accumulated 20,000 total flight cycles or more since the THSA's first installation on an airplane. For any airplane having a THSA with a part number specified in Airbus AOT A27L005-13, dated July 11, 2013, that has accumulated 20,000 total flight cycles or more since the THSA's first installation on an airplane: As of 12 months after the effective date of this AD, before further flight, replace the affected THSA with a serviceable THSA, in accordance with Airbus AOT A27L005-13, dated July 11, 2013.

(2) As of 30 months after the effective date of this AD, no person may install on any airplane a THSA with a part number specified in Airbus AOT A27L005-13, dated July 11, 2013, that has accumulated 16,000 total flight cycles or more since the THSA's first installation on an airplane. For any airplane having a THSA with a part number specified in Airbus AOT A27L005-13, dated July 11, 2013, that has accumulated 16,000 total flight cycles or more since the THSA's first installation on an airplane: As of 30 months after the effective date of this AD, before further flight, replace the affected THSA with a serviceable THSA, in accordance with Airbus AOT A27L005-13, dated July 11, 2013.

(k) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs):* The Manager, International Branch, ANM-116, Transport Airplane Directorate, 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 Branch, send it to ATTN: Vladimir Ulyanov, Aerospace Engineer, International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, WA 98057-3356; telephone 425-227-1138; fax 425-227-1149. 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. The AMOC approval letter must specifically reference this AD.

(2) *Airworthy Product:* For any requirement in this AD to obtain corrective actions from a manufacturer, use these actions if they are FAA-approved. Corrective actions are considered FAA-approved if they were approved by the State of Design Authority (or its delegated agent, or by the Design Approval Holder with a State of Design Authority's design organization approval). For a repair method to be approved, the repair approval must specifically refer to this AD. You are required to ensure the product is airworthy before it is returned to service.

(3) *Reporting Requirements:* A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2120-0056. Public reporting for this collection of information is estimated to be approximately 5 minutes per response, including the time for reviewing instructions, completing and reviewing the collection of information. All responses to this collection of information are mandatory. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at: 800 Independence Ave. SW., Washington, DC 20591, Attn: Information Collection Clearance Officer, AES-200.

(l) Related Information

(1) Refer to Mandatory Continuing Airworthiness Information (MCAI) European Aviation Safety Agency Airworthiness Directive 2013-0144R1, dated August 27, 2013, 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 it in Docket No. FAA-2014-0006.

(2) For service information identified in this AD, contact Airbus SAS, Airworthiness

Office—EAL, 1 Rond Point Maurice Bellonte, 31707 Blagnac Cedex, France; telephone +33 5 61 93 36 96; fax +33 5 61 93 45 80; email airworthiness.A330-A340@airbus.com; Internet <http://www.airbus.com>. You may view this service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

Issued in Renton, Washington, on January 22, 2014.

Jeffrey E. Duven,

Manager, Transport Airplane Directorate, Aircraft Certification Service.

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2014-0008; Directorate Identifier 2013-NM-076-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 supersede Airworthiness Directive (AD) 2012-23-09, for all Embraer S.A. Model ERJ 190-100 STD, -100 LR, and -100 IGW airplanes; and Model ERJ 190-200 STD, -200 LR, and -200 IGW airplanes. AD 2012-23-09 currently requires revising the maintenance program to incorporate modifications in airworthiness limitations specified in Embraer S.A. ERJ 190 195 Maintenance Review Board Report (MRBR). Since we issued AD 2012-23-09, we have determined that more restrictive maintenance requirements and airworthiness limitations are necessary. This proposed AD would require revising the maintenance or inspection program to incorporate modifications in the airworthiness limitations specified in Embraer S.A. ERJ 190 195 MRBR to include new inspection tasks and their respective thresholds and intervals. We are proposing this AD to detect and correct fatigue cracking of structural components, which could result in reduced structural integrity of the airplane.

DATES: We must receive comments on this proposed AD by March 20, 2014.

ADDRESSES: You may send comments 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 proposed 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 referenced service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

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-2014-0008; 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 Operations office (telephone (800) 647-5527) is in the **ADDRESSES** section. Comments will be available in the AD docket shortly after receipt.

FOR FURTHER INFORMATION CONTACT: Kathrine Rask, Aerospace Engineer, International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, WA 98057-3356; telephone: (425) 227-2180; fax: (425) 227-1149.

SUPPLEMENTARY INFORMATION:

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-2014-0008; Directorate Identifier 2013-NM-076-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 based on 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 proposed AD.

Discussion

On November 13, 2012, we issued AD 2012-23-09, Amendment 39-17265 (77 FR 73270, December 10, 2012). AD 2012-23-09 requires actions intended to address an unsafe condition on the products listed above.

Since we issued AD 2012-23-09, Amendment 39-17265 (77 FR 73270, December 10, 2012), the Agência Nacional de Aviação Civil (ANAC), which is the airworthiness authority for Brazil, has issued Brazilian Airworthiness Directive 2012-10-02, dated October 29, 2012 (referred to after this as the Mandatory Continuing Airworthiness Information, or “the MCAI”). We have determined that more restrictive maintenance requirements and airworthiness limitations are necessary. The MCAI states:

This [Brazilian] AD (<http://www2.anac.gov.br/certificacao/da/textos/1363am.pdf>) results from a new revision to the Airworthiness Limitations Section (ALS) of Embraer ERJ 190 Maintenance Review Board Report (MRBR 1928), to include new or modification of the current tasks and its respective thresholds and intervals. Failure to inspect these structural components, according to the new or revised tasks, thresholds and intervals, could prevent a timely detection of fatigue cracking. These cracks, if not properly addressed, could adversely affect the structural integrity of the airplane.

You may examine the MCAI in the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating it in Docket No. FAA-2014-0008.

Relevant Service Information

Embraer S.A. has issued Part 2—Airworthiness Limitation Inspections (ALI)—Structures, of Appendix A, Airworthiness Limitation—(AL), of the EMBRAER 190 195 MRBR, MRB-1928, Revision 6, dated August 20, 2012; and Temporary Revision (TR) 6-3, dated November 30, 2012, to Part 2—Airworthiness Limitation Inspections (ALI)—Structures, of Appendix A, Airworthiness Limitations—(AL), of the EMBRAER 190 195 MRBR, MRB-1928, Revision 6, dated August 20, 2012. 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 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 pertinent information and determined an unsafe condition exists and is likely to exist or develop on other products of the same type design.

This AD requires revisions to certain operator maintenance documents to include new actions (e.g., inspections) and/or Critical Design Configuration Control Limitations (CDCCLs). Compliance with these actions and/or CDCCLs is required by 14 CFR 91.403(c). For airplanes that have been previously modified, altered, or repaired in the areas addressed by this AD, the operator may not be able to accomplish the actions described in the revisions. In this situation, to comply with 14 CFR 91.403(c), the operator must request approval for an alternative method of compliance according to paragraph (k) of this AD. The request should include a description of changes to the required actions that will ensure the continued damage tolerance of the affected structure.

Costs of Compliance

We estimate that this proposed AD affects 98 airplanes of U.S. registry.

The actions that are required by AD 2012-23-09, Amendment 39-17265 (77 FR 73270, December 10, 2012), and retained in this proposed AD take about 1 work-hour per product, at an average labor rate of \$85 per work-hour. Required parts cost about \$0 per product. Based on these figures, the estimated cost of the actions that were required by AD 2012-23-09 is \$85 per product.

We also estimate that it would take about 1 work-hour per product to comply with the basic requirements of this proposed AD. The average labor rate is \$85 per work-hour. Required parts would cost about \$0 per product. Based on these figures, we estimate the cost of this proposed AD on U.S. operators to be \$8,330, or 85 per product.

Authority for This Rulemaking

Title 49 of the United States Code specifies the FAA's authority to issue

certificate holding district office. The AMOC approval letter must specifically reference this AD.

(2) *Airworthy Product*: For any requirement in this AD to obtain corrective actions from a manufacturer, use these actions if they are FAA-approved. Corrective actions are considered FAA-approved if they were approved by the State of Design Authority (or its delegated agent, or the Design Approval Holder with a State of Design Authority's design organization approval, as applicable). For a repair method to be approved, the repair approval must specifically refer to this AD. You are required to ensure the product is airworthy before it is returned to service.

(I) Related Information

(1) Refer to Mandatory Continuing Airworthiness Information (MCAI) Brazilian Airworthiness Directive 2012-10-02, dated October 29, 2012, 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-2014-0008.

(2) 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 Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

Issued in Renton, Washington, on January 22, 2014.

Jeffrey E. Duvén,

Manager, Transport Airplane Directorate, Aircraft Certification Service.

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2014-0007; Directorate Identifier 2012-NM-038-AD]

RIN 2120-AA64

Airworthiness Directives; Fokker Services B.V. Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: We propose to adopt a new airworthiness directive (AD) for all Fokker Services B.V. Model F.28 Mark 0070 and 0100 airplanes. This proposed AD was prompted by reports that the bracket of the rod in the carbon fiber

reinforced plastic (CFRP) main landing gear (MLG) outboard door had detached. In addition, we received reports of broken recessed heads on titanium attachment bolts of the operating rod brackets on the modified CFRP MLG outboard doors. This proposed AD would require a detailed inspection of the CFRP MLG outboard door for play or cracks in the recessed countersunk heads of the operating rod bracket attachment bolts; replacement of the bolt if necessary; and, for certain airplanes, modification of the CFRP MLG outboard doors and attachment to the MLG. We are proposing this AD to detect and correct the affected MLG from moving to the down and locked position, which could result in MLG collapse during landing or roll-out, and consequent damage to the airplane and injury to passengers.

DATES: We must receive comments on this proposed AD by March 20, 2014.

ADDRESSES: You may send comments 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*: U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE., Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For service information identified in this proposed AD, contact Fokker Services B.V., Technical Services Dept., P.O. Box 1357, 2130 EL Hoofddorp, the Netherlands; telephone +31 (0)88-6280-350; fax +31 (0)88-6280-111; email technicalservices@fokker.com; Internet <http://www.myfokkerfleet.com>. You may view this referenced service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

Examining the AD Docket

You may examine the AD docket on the Internet at <http://www.regulations.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 Operations

office (telephone (800) 647-5527) is in the **ADDRESSES** section. Comments will be available in the AD docket shortly after receipt.

FOR FURTHER INFORMATION CONTACT: Tom Rodriguez, Aerospace Engineer, International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, WA 98057-3356; telephone (425) 227-1137; fax (425) 227-1149.

SUPPLEMENTARY INFORMATION:

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-2014-0007; Directorate Identifier 2012-NM-038-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 based on 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 proposed AD.

Discussion

The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Community, has issued Airworthiness Directive 2012-0023, dated February 6, 2012 (referred to after this as the "Mandatory Continuing Airworthiness Information, or "the MCAI"), to correct an unsafe condition for the specified products. The MCAI states:

In 2005, several occurrences were reported where the bracket of the rod in the Carbon Fibre Reinforced Plastic (CFRP) MLG outboard door had detached, preventing the MLG to lock properly when selected down. Prompted by these reports, CAA-NL [Civil Aviation Authority-Netherlands] issued AD NL-2006-001 (EASA approval 2006-0002) to require the inspection and modification of the attachment of the operating rod bracket as detailed in Fokker Service Bulletin (SB) SBF100-52-080.

After that [EASA] AD was issued, several operators reported broken recessed heads of titanium attachment bolts of the operating rod bracket on modified (i.e. post-SBF100-52-080) CFRP MLG outboard doors. In such a situation, the remaining bolt shafts can get pulled through the external repair patch and the carbon fibre door outer skin, causing the operating rod, with the detached bracket, to get stuck between the MLG main fitting and wing lower skin. The primary factor to the