



[4910-13-P]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2020-0102; Product Identifier 2019-NM-184-AD]

RIN 2120-AA64

Airworthiness Directives; ATR – GIE Avions de Transport Régional Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: The FAA proposes to supersede Airworthiness Directive (AD) 2000-17-09, AD 2008-04-19 R1, and AD 2015-26-09; and to terminate all requirements of AD 2018-18-05, which applies to ATR – GIE Avions de Transport Régional Model ATR42-200, -300, and -320 airplanes. AD 2018-18-05 requires updating the maintenance or inspection program, as applicable, to incorporate new or more restrictive maintenance requirements and airworthiness limitations and terminates the relevant requirements of AD 2000-17-09, AD 2008-04-19 R1, and AD 2015-26-09. Since AD 2018-18-05 was issued, the FAA has determined that new or more restrictive airworthiness limitations are necessary. This proposed AD would require revising the existing maintenance or inspection program, as applicable, to incorporate new or more restrictive airworthiness limitations, as specified in a European Union Aviation Safety Agency (EASA) AD, which will be incorporated by reference. The FAA is proposing this AD to address the unsafe condition on these products.

DATES: The FAA must receive comments on this proposed AD by [INSERT DATE 45 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

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 <https://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 20590, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For the material identified in this proposed AD that will be incorporated by reference (IBR), contact the EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; telephone +49 221 89990 1000; email ADs@easa.europa.eu; Internet www.easa.europa.eu. You may find this IBR material on the EASA website at <https://ad.easa.europa.eu>. You may view this IBR material 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. It is also available in the AD docket on the Internet at <https://www.regulations.gov> by searching for and locating

Docket No. FAA-2020-0102.

Examining the AD Docket

You may examine the AD docket on the Internet at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2020-0102; 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 is listed above.

Comments will be available in the AD docket shortly after receipt.

FOR FURTHER INFORMATION CONTACT: Shahram Daneshmandi, Aerospace Engineer, International Section, Transport Standards Branch, FAA, 2200 South 216th St., Des Moines, WA 98198; telephone and fax 206-231-3220; email shahram.daneshmandi@faa.gov.

SUPPLEMENTARY INFORMATION:

Comments Invited

The FAA invites 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-2020-0102; Product Identifier 2019-NM-184-AD” at the beginning of your comments. The FAA specifically invites comments on the overall regulatory, economic, environmental, and energy aspects of this NPRM. The FAA will consider all comments received by the closing date and may amend this NPRM based on those comments.

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

Discussion

The FAA issued AD 2018-18-05, Amendment 39-19384 (83 FR 44463, August 31, 2018) (“AD 2018-18-05”), which applies to ATR – GIE Avions de Transport Régional Model ATR42-200, -300, and -320 airplanes.

AD 2018-18-05 requires updating the maintenance or inspection program, as applicable, to incorporate new or more restrictive maintenance requirements and airworthiness limitations. The FAA issued AD 2018-18-05 to address reduced structural integrity of the airplane.

AD 2018-18-05 specifies that accomplishing the revision required by paragraph (g) of that AD terminates all requirements of AD 2000-17-09, Amendment 39-11883 (65 FR 53897, September 6, 2000); AD 2008-04-19 R1, Amendment 39-16069 (74 FR 56713, November 3, 2009) (“AD 2008-04-19 R1”); and AD 2015-26-09, Amendment 39-18357 (81 FR 1483, January 13, 2016) (“AD 2015-26-09”); for ATR – GIE Avions de Transport Régional Model ATR42-200, -300, and -320 airplanes only.

AD 2008-04-19 R1 also applies to ATR – GIE Avions de Transport Régional Model ATR42-500 airplanes and Model ATR72 airplanes. The actions required by AD 2018-20-14, Amendment 39-19448 (83 FR 52123, October 16, 2018) (“AD 2018-20-

14”) terminate all requirements of AD 2008-14-19 R1 for Model ATR42-500 airplanes. The actions required by AD 2019-13-04, Amendment 39-19677 (84 FR 35028, July 22, 2019) terminate all requirements of AD 2008-04-19 R1 for Model ATR72 airplanes.

AD 2015-26-09 also applies to ATR – GIE Avions de Transport Régional Model ATR42-500 airplanes. The actions required by AD 2018-20-14 terminate all requirements of AD 2015-26-09 for Model ATR42-500 airplanes.

This AD therefore proposes to supersede AD 2000-17-09, AD 2008-04-19 R1, and AD 2015-26-09; and to terminate all requirements of AD 2018-18-05.

Actions Since AD 2018-18-05 Was Issued

Since AD 2018-18-05 was issued, the FAA has determined that new or more restrictive airworthiness limitations are necessary.

The EASA, which is the Technical Agent for the Member States of the European Union, has issued EASA AD 2019-0256, dated October 17, 2019 (“EASA AD 2019-0256”) (also referred to as the Mandatory Continuing Airworthiness Information, or “the MCAI”), to correct an unsafe condition for all ATR – GIE Avions de Transport Régional Model ATR42-200, -300, and -320 airplanes. EASA AD 2019-0256 supersedes EASA AD 2017-0221R1 (which corresponds to FAA AD 2018-18-05).

This proposed AD was prompted by a determination that new or more restrictive airworthiness limitations are necessary. The FAA is proposing this AD to address reduced structural integrity of the airplane. See the MCAI for additional background information.

Relationship Between Proposed AD and AD 2018-18-05

This NPRM does not propose to supersede AD 2018-18-05. Rather, we have determined that it is more appropriate to address the changes in the MCAI by proposing to require revising the existing maintenance or inspection program, as applicable, to incorporate new or more restrictive airworthiness limitations. Accomplishment of the proposed actions would then terminate all of the requirements of AD 2018-18-05.

Related IBR Material under 1 CFR Part 51

EASA AD 2019-0256 describes new and more restrictive airworthiness limitations for airplane structure and systems.

This material 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 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 a bilateral agreement with the State of Design Authority, the FAA has been notified of the unsafe condition described in the MCAI referenced above. The FAA is proposing this AD because the agency 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.

Proposed AD Requirements

This proposed AD would require revising the existing maintenance or inspection program, as applicable, to incorporate new or more restrictive airworthiness limitations,

which are specified in EASA AD 2019-0256 described previously, as incorporated by reference. Any differences with EASA AD 2019-0256 are identified as exceptions in the regulatory text of this AD.

This proposed AD would require revisions to certain operator maintenance documents to include new actions (e.g., inspections). Compliance with these actions is required by 14 CFR 91.403(c). For airplanes that have been previously modified, altered, or repaired in the areas addressed by this proposed 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)(1) of this proposed AD.

Explanation of Required Compliance Information

In the FAA's ongoing efforts to improve the efficiency of the AD process, the FAA initially worked with Airbus and EASA to develop a process to use certain EASA ADs as the primary source of information for compliance with requirements for corresponding FAA ADs. The FAA has since coordinated with other manufacturers and civil aviation authorities (CAAs) to use this process. As a result, EASA AD 2019-0256 will be incorporated by reference in the FAA final rule. This proposed AD would, therefore, require compliance with EASA AD 2019-0256 in its entirety, through that incorporation, except for any differences identified as exceptions in the regulatory text of this proposed AD. Using common terms that are the same as the heading of a particular section in the EASA AD does not mean that operators need comply only with that section. For example, where the AD requirement refers to "all required actions and

compliance times,” compliance with this AD requirement is not limited to the section titled “Required Action(s) and Compliance Time(s)” in the EASA AD.

Service information specified in EASA AD 2019-0256 that is required for compliance with EASA AD 2019-0256 will be available on the Internet at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2020-0102 after the FAA final rule is published.

Airworthiness Limitation ADs Using the New Process

The FAA’s new process, which uses MCAI ADs as the primary source of information for compliance with corresponding FAA ADs, has been limited to certain MCAI ADs (primarily those with service bulletins as the primary source of information for accomplishing the actions required by the FAA AD). However, the FAA is now expanding the process to include MCAI ADs that specify the incorporation of airworthiness limitation documents.

The previous format of the airworthiness limitation ADs included a paragraph that specified that no alternative actions (e.g., inspections), intervals, or critical design configuration control limitations (CDCCLs) may be used unless the actions, intervals, and CDCCLs are approved as an alternative method of compliance (AMOC) in accordance with the procedures specified in the AMOCs paragraph under “Other FAA Provisions.” This new format includes a “New Provisions for Alternative Actions, Intervals, and CDCCLs” paragraph that does not specifically refer to AMOCs, but operators may still request an AMOC to use an alternative action, interval, or CDCCL.

Costs of Compliance

The FAA estimates that this proposed AD affects 33 airplanes of U.S. registry.

The FAA estimates the following costs to comply with this proposed AD:

The FAA estimates the total cost per operator for the retained actions from AD 2018-18-05 to be \$7,650 (90 work-hours x \$85 per work-hour).

The FAA has determined that revising the maintenance or inspection program takes an average of 90 work-hours per operator, although the agency recognizes that this number may vary from operator to operator. In the past, the agency has estimated that this action takes 1 work-hour per airplane. Since operators incorporate maintenance or inspection program changes for their affected fleet(s), the FAA has determined that a per-operator estimate is more accurate than a per-airplane estimate.

The FAA estimates the total cost per operator for the new proposed actions to be \$7,650 (90 work-hours x \$85 per work-hour).

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.

The FAA is 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

The FAA has 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) Will not affect intrastate aviation in Alaska, 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.

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 removing Airworthiness Directive (AD) 2000-17-09, Amendment 39-11883 (65 FR 53897, September 6, 2000); AD 2008-04-19 R1, Amendment 39-16069 (74 FR 56713, November 3, 2009); and AD 2015-26-09, Amendment 39-18357 (81 FR 1483, January 13, 2016); and adding the following new AD:

ATR – GIE Avions de Transport Régional: Docket No. FAA-2020-0102; Product Identifier 2019-NM-184-AD.

(a) Comments Due Date

The FAA must receive comments by [INSERT DATE 45 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

(b) Affected ADs

(1) This AD replaces the ADs identified in paragraphs (b)(1)(i) through (iii) of this AD.

(i) AD 2000-17-09, Amendment 39-11883 (65 FR 53897, September 6, 2000).

(ii) AD 2008-04-19 R1, Amendment 39-16069 (74 FR 56713, November 3, 2009).

(iii) AD 2015-26-09, Amendment 39-18357 (81 FR 1483, January 13, 2016).

(2) This AD affects AD 2018-18-05, Amendment 39-19384 (83 FR 44463, August 31, 2018) (“AD 2018-18-05”).

(c) Applicability

This AD applies to all ATR – GIE Avions de Transport Régional Model ATR42-200, -300, and -320 airplanes, certificated in any category.

(d) Subject

Air Transport Association (ATA) of America Code 05, Time Limits/Maintenance Checks.

(e) Reason

This AD was prompted by a determination that new or more restrictive airworthiness limitations are necessary. The FAA is issuing this AD to address reduced structural integrity of the airplane.

(f) Compliance

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

(g) Maintenance or Inspection Program Revision

Except as specified in paragraph (h) of this AD: Comply with all required actions and compliance times specified in, and in accordance with, European Union Aviation Safety Agency (EASA) AD 2019-0256, dated October 17, 2019 (“EASA AD 2019-0256”).

(h) Exceptions to EASA AD 2019-0256

(1) The requirements specified in paragraphs (1) and (3) of EASA AD 2019-0256 do not apply to this AD.

(2) Where paragraph (2) of EASA AD 2019-0256 refers to its effective date, this AD requires using the effective date of this AD.

(3) Paragraph (4) of EASA AD 2019-0256 specifies revising “the approved AMP” within 12 months after its effective date, but this AD requires revising the existing maintenance or inspection program, as applicable to incorporate the “limitations, tasks and associated thresholds and intervals” specified in paragraph (4) of EASA AD 2019-0256 within 90 days after the effective date of this AD.

(4) The initial compliance time for doing the tasks specified in paragraph (4) of EASA AD 2019-0256 is at the applicable “associated thresholds” specified in paragraph (4) of EASA AD 2019-0256, or within 90 days after the effective date of this AD, whichever occurs later.

(5) The provisions specified in paragraphs (5) and (6) of EASA AD 2019-0256 do not apply to this AD.

(6) The “Remarks” section of EASA AD 2019-0256 does not apply to this AD.

(i) Provisions for Alternative Actions, Intervals, and Critical Design Configuration Control Limitations (CDCCLs)

After the maintenance or inspection program has been revised as required by paragraph (g) of this AD, no alternative actions (e.g., inspections), intervals, and CDCCLs are allowed except as specified in the provisions of the “Ref. Publications” section of EASA AD 2019-0256.

(j) Terminating Action for AD 2018-18-05

Accomplishing the maintenance or inspection program revision required by paragraph (g) of this AD terminates the requirements of AD 2018-18-05.

(k) 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 (1)(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 instructions from a manufacturer, the instructions must be accomplished using a method approved by the Manager, International Section, Transport Standards Branch, FAA; or EASA; or ATR – GIE Avions de Transport Régional’s EASA Design Organization Approval (DOA). If approved by the DOA, the approval must include the DOA-authorized signature.

(3) *Required for Compliance (RC)*: For any service information referenced in EASA AD 2019-0256 that contains RC procedures and tests: Except as required by paragraph (k)(2) of this AD, RC procedures and tests must be done to comply with this AD; any procedures or tests that are not identified as RC are recommended. Those procedures and tests that are not identified 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 procedures and tests identified as RC can be done and the airplane can be put back in an airworthy condition. Any substitutions or changes to procedures or tests identified as RC require approval of an AMOC.

(I) Related Information

(1) For information about EASA AD 2019-0256, contact the EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; telephone +49 221 89990 6017; email ADs@easa.europa.eu; Internet www.easa.europa.eu. You may find this EASA AD on the EASA website at <https://ad.easa.europa.eu>. You may view this material 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. This material may be found in the AD docket on the Internet at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2020-0102.

(2) For more information about this AD, contact Shahram Daneshmandi, Aerospace Engineer, International Section, Transport Standards Branch, FAA, 2200 South 216th St., Des Moines, WA 98198; telephone and fax 206-231-3220; email shahram.daneshmandi@faa.gov.

Issued on February 18, 2020.

Gaetano A. Sciortino, Deputy Director for Strategic Initiatives,
Compliance & Airworthiness Division,
Aircraft Certification Service.

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