

Variation 6.1; for any airworthiness limitations (tasks and life limits) that are in both documents, the airworthiness limitations (tasks and life limits) specified in Variation 6.1 prevail.”

**(i) Retained Provisions for Alternative Actions and Intervals With a New Exception**

This paragraph restates the requirements of paragraph (l) of AD 2022–09–06, with a new exception. Except as required by paragraph (j) of this AD, after the existing maintenance or inspection program has been revised as required by paragraph (g) of this AD, no alternative actions (*e.g.*, inspections) and intervals are allowed unless they are approved as specified in the provisions of the “Ref. Publications” section of EASA AD 2021–0208.

**(j) New Revision of the Existing Maintenance or Inspection Program**

Except as specified in paragraph (k) of this AD: Comply with all required actions and compliance times specified in, and in accordance with, EASA AD 2022–0127, dated June 28, 2022 (EASA AD 2022–0127). Accomplishing the revision of the existing maintenance or inspection program required by this paragraph terminates the requirements of paragraph (g) of this AD.

**(k) Exceptions to EASA AD 2022–0127**

(1) The requirements specified in paragraphs (1) and (2) of EASA AD 2022–0127 do not apply to this AD.

(2) Paragraph (3) of EASA AD 2022–0127 specifies to revise “the AMP” within 12 months after its effective date, but this AD requires revising the existing maintenance or inspection program, as applicable, within 90 days after the effective date of this AD.

(3) The initial compliance time for doing the tasks specified in paragraph (3) of EASA AD 2022–0127 is at the applicable “limitations” as incorporated by the requirements of paragraph (3) of EASA AD 2022–0127, or within 90 days after the effective date of this AD, whichever occurs later.

(4) The provisions specified in paragraphs (4) and (5) of EASA AD 2022–0127 do not apply to this AD.

(5) The “Remarks” section of EASA AD 2022–0127 does not apply to this AD.

**(l) New Provisions for Alternative Actions and Intervals**

After the existing maintenance or inspection program has been revised as required by paragraph (j) of this AD, no alternative actions (*e.g.*, inspections) and intervals are allowed unless they are approved as specified in the provisions of the “Ref. Publications” section of EASA AD 2022–0127.

**(m) Terminating Action for Certain Requirements of AD 2019–20–01**

Accomplishing the actions required by paragraph (g) or (j) of this AD terminates the repetitive greasing task for batch 02 group of affected thrust reverser actuators required by paragraph (g) of AD 2019–20–01.

**(n) Additional AD Provisions**

The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs)*: The Manager, International Validation 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 responsible Flight Standards Office, as appropriate. If sending information directly to the International Validation Branch, send it to the attention of the person identified in paragraph (o) of this AD. Information may be emailed to: [9-AVS-AIR-730-AMOC@faa.gov](mailto:9-AVS-AIR-730-AMOC@faa.gov). Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the responsible Flight Standards 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 Validation Branch, FAA; or EASA; or Airbus SAS’s EASA Design Organization Approval (DOA). If approved by the DOA, the approval must include the DOA-authorized signature.

**(o) Additional Information**

For more information about this AD, contact Dat Le, Aerospace Engineer, Large Aircraft Section, FAA, International Validation Branch, 2200 South 216th St., Des Moines, WA 98198; telephone 516–228–7317; email [dat.v.le@faa.gov](mailto:dat.v.le@faa.gov).

**(p) Material Incorporated by Reference**

(1) The Director of the Federal Register approved the incorporation by reference (IBR) of the service information listed in this paragraph under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) You must use this service information as applicable to do the actions required by this AD, unless this AD specifies otherwise.

(3) The following service information was approved for IBR on March 23, 2023.

(i) European Union Aviation Safety Agency (EASA) AD 2022–0127, dated June 28, 2022.

(ii) [Reserved]

(4) The following service information was approved for IBR on June 21, 2022 (87 FR 29654, May 16, 2022; corrected May 23, 2022 (87 FR 31123)).

(i) European Union Aviation Safety Agency (EASA) AD 2021–0208, dated September 15, 2021.

(ii) [Reserved]

(5) For EASA ADs 2022–0127 and 2021–0208, contact EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; telephone +49 221 8999 000; email [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu); website [easa.europa.eu](http://easa.europa.eu). You may find these EASA ADs on the EASA website at [ad.easa.europa.eu](http://ad.easa.europa.eu).

(6) You may view this material at the FAA, Airworthiness Products Section, Operational Safety Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206–231–3195.

(7) You may view this material that is incorporated by reference at the National Archives and Records Administration

(NARA). For information on the availability of this material at NARA, email [fr.inspection@nara.gov](mailto:fr.inspection@nara.gov), or go to: [www.archives.gov/federal-register/cfr/ibr-locations.html](http://www.archives.gov/federal-register/cfr/ibr-locations.html).

Issued on February 1, 2023.

**Christina Underwood,**

*Acting Director, Compliance & Airworthiness Division, Aircraft Certification Service.*

[FR Doc. 2023–03177 Filed 2–15–23; 8:45 am]

**BILLING CODE 4910–13–P**

**DEPARTMENT OF TRANSPORTATION**

**Federal Aviation Administration**

**14 CFR Part 39**

[Docket No. FAA–2022–1302; Project Identifier MCAI–2022–00062–E; Amendment 39–22301; AD 2023–01–07]

**RIN 2120–AA64**

**Airworthiness Directives; GE Aviation Czech s.r.o. (Type Certificate Previously Held by WALTER Engines a.s., Walter a.s., and MOTORLET a.s.) Turboprop Engines**

**Editorial Note:** Rule document R1–2023–00490, published on pages 7355–7357 in the issue of Friday, February 3, 2023. In that publication, on page 7356, the table in section (39.13) appeared incorrectly. The rule is republished here corrected and in its entirety.

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

**ACTION:** Final rule.

**SUMMARY:** The FAA is adopting a new airworthiness directive (AD) for all GE Aviation Czech s.r.o. (GEAC) H75–100, H75–200, H80, H80–100, H80–200, H85–100, and H85–200 model turboprop engines. This AD is prompted by the manufacturer revising the airworthiness limitations section (ALS) of the existing engine maintenance manual (EMM) to introduce updated coefficients for the calculation of the cyclic life and safe life for the main shaft. This AD requires revising the ALS of the existing EMM and the operator’s existing approved maintenance or inspection program, as applicable, to incorporate the updated coefficients and recalculate the cycles accumulated on critical parts. The FAA is issuing this AD to address the unsafe condition on these products.

**DATES:** This AD is effective February 21, 2023.

**ADDRESSES:**

*AD Docket:* You may examine the AD docket at [regulations.gov](http://regulations.gov) under Docket No. FAA–2022–1302; 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 final rule, the mandatory continuing airworthiness information (MCAI), any comments received, and other information. The address for Docket Operations is U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE, Washington, DC 20590.

**FOR FURTHER INFORMATION CONTACT:** Barbara Caufield, Aviation Safety Engineer, ECO Branch, FAA, 1200 District Avenue, Burlington, MA 01803; phone: (781) 238-7146; email: [barbara.caufield@faa.gov](mailto:barbara.caufield@faa.gov).

**SUPPLEMENTARY INFORMATION:**

**Background**

The FAA issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 by adding an AD that would apply to all GEAC H75-100, H75-200, H80, H80-100, H80-200, H85-100, and H85-200 model turboprop engines. The NPRM published in the **Federal Register** on October 24, 2022 (87 FR 64175). The NPRM was prompted by AD 2022-0008, dated January 19, 2022, issued by the European Union Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Union (referred to after this as the MCAI). The MCAI states that the airworthiness limitations for H series engine models, which are approved by EASA, are currently defined and published in the ALS of the GEAC EMM. These instructions have

been identified as mandatory for continued airworthiness. Failure to accomplish these instructions could result in an unsafe condition. The MCAI explains that recently GEAC published a revision to the ALS, introducing updated coefficients for the calculation of the cyclic life and safe life for the main shaft.

In the NPRM, the FAA proposed to require revising the ALS of the existing EMM and the operator’s existing approved maintenance or inspection program, as applicable, to incorporate the updated coefficients and recalculate the cycles accumulated on critical parts. An owner/operator (pilot) holding at least a private pilot certificate may revise the ALS of the existing EMM, and the owner/operator must enter compliance with the applicable paragraphs of the AD into the aircraft records in showing compliance with this AD in accordance with 14 CFR 43.9(a) and 14 CFR 91.417(a)(2)(v). The record must be maintained as required by 14 CFR 91.417, 121.380, or 135.439. This is an exception to the FAA’s standard maintenance regulations. The FAA is issuing this AD to address the unsafe condition on these products.

You may examine the MCAI in the AD docket at [regulations.gov](https://www.regulations.gov) under Docket No. FAA-2022-1302.

**Discussion of Final Airworthiness Directive**

**Comments**

The FAA received no comments on the NPRM or on the determination of the costs.

**Conclusion**

These products have been approved by the aviation authority of another country and are approved for operation in the United States. Pursuant to the FAA’s bilateral agreement with this State of Design Authority, it has notified the FAA of the unsafe condition described in the MCAI referenced above. The FAA reviewed the relevant data and determined that air safety requires adopting this AD as proposed. Accordingly, the FAA is issuing this AD to address the unsafe condition on these products. Except for minor editorial changes, this AD is adopted as proposed in the NPRM.

**Related Service Information**

The FAA reviewed the ALS of the GEAC EMM, Part No: 0983402, Rev. 22, dated December 18, 2020. This service information provides updated coefficients for the calculation of the cyclic life and safe life for the main shaft.

**Costs of Compliance**

The FAA estimates that this AD affects 33 engines installed on airplanes of U.S. registry.

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

**ESTIMATED COSTS**

Action	Labor cost	Parts cost	Cost per product	Cost on U.S. operators
Revise the ALS of the EMM and the operator’s existing approved maintenance or inspection program.	1 work-hour × \$85 per hour = \$85.	\$0	\$85	\$2,805

**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**

This AD will not have federalism implications under Executive Order 13132. This AD will 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 that this AD:

- (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 Amendment**

Accordingly, under the authority delegated to me by the Administrator, the FAA amends 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:

**2023-01-07 GE Aviation Czech s.r.o (Type Certificate previously held by WALTER Engines a.s., Walter a.s., and MOTORLET a.s.):**

Amendment 39-22301; Docket No. FAA-2022-1302; Project Identifier MCAI-2022-00062-E.

**(a) Effective Date**

This airworthiness directive (AD) is effective February 21, 2023.

**(b) Affected ADs**

None.

**(c) Applicability**

This AD applies to GE Aviation Czech s.r.o. (Type Certificate previously held by WALTER Engines a.s., Walter a.s., and MOTORLET a.s.) H75-100, H75-200, H80, H80-100, H80-200, H85-100, and H85-200 model turboprop engines.

**(d) Subject**

Joint Aircraft System Component (JASC) Code 7200, Engine (Turbine/Turboprop).

**(e) Unsafe Condition**

This AD was prompted by the manufacturer revising the airworthiness

limitations section (ALS) of the existing engine maintenance manual (EMM) to introduce updated coefficients for the calculation of the cyclic life and safe life for the main shaft. The FAA is issuing this AD to prevent failure of the engine. The unsafe condition, if not addressed, could result in uncontained release of a critical part, damage to the engine, and damage to the airplane.

**(f) Compliance**

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

**(g) Required Actions**

(1) Within 90 days of the effective date of this AD, revise the ALS of the existing EMM and the existing approved maintenance or inspection program, as applicable, to incorporate the information in Table 1 to paragraph (g)(1) of this AD and recalculate the cycles accumulated on critical parts.

TABLE 1 TO PARAGRAPH (g)(1)—EQUIVALENT CYCLIC LIFE (N) AND SAFE LIFE OF CRITICAL PARTS

Description	Drawing No.	Abbreviated flight cycle coefficient		Flight mission coefficient	Equivalent cyclic life limit
		A <sub>V</sub>	A <sub>P</sub>		
Main Shaft .....	M601-1017.75	0.47		1.05	16,000

(2) After performing the action required by paragraph (g)(1) of this AD, except as provided in paragraph (h) of this AD, no alternative life limits may be approved.

(3) The action required by paragraph (g)(1) of this AD may be performed by the owner/operator (pilot) holding at least a private pilot certificate and must be entered into the aircraft records showing compliance with this AD in accordance with §§ 43.9(a) and 91.417(a)(2)(v). The record must be maintained as required by § 91.417, 121.380, or 135.439.

**(h) Alternative Methods of Compliance (AMOCs)**

(1) The Manager, ECO Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in § 39.19. In accordance with § 39.19, send your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the manager of the certification office, send it to the attention of the person identified in paragraph (i)(2) of this AD and email to: ANE-AD-AMOC@faa.gov.

(2) 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.

**(i) Additional Information**

(1) Refer to European Union Aviation Safety Agency (EASA) AD 2022-0008, dated January 19, 2022, for related information. This EASA AD may be found in the AD

docket at [regulations.gov](https://www.regulations.gov) under Docket No. FAA-2022-1302.

(2) For more information about this AD, contact Barbara Caufield, Aviation Safety Engineer, ECO Branch, FAA, 1200 District Avenue, Burlington, MA 01803; phone: (781) 238-7146; email: [barbara.caufield@faa.gov](mailto:barbara.caufield@faa.gov).

**(j) Material Incorporated by Reference**

None.

Issued on January 6, 2023.

**Christina Underwood,**

Acting Director, Compliance & Airworthiness Division, Aircraft Certification Service.

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**DEPARTMENT OF TRANSPORTATION**

**Federal Aviation Administration**

**14 CFR Part 39**

**[Docket No. FAA-2022-1419; Project Identifier MCAI-2022-01002-R; Amendment 39-22328; AD 2023-03-03]**

**RIN 2120-AA64**

**Airworthiness Directives; Leonardo S.p.a. Helicopters**

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

**ACTION:** Final rule.

**SUMMARY:** The FAA is adopting a new airworthiness directive (AD) for all Leonardo S.p.a. Model AB139 and AW139 helicopters. This AD was prompted by a report of a damaged tail rotor duplex bearing (TRDB). This AD requires repetitively inspecting certain TRDBs and depending on the results, replacing the TRDB or tail rotor actuator (TRA), or as an option, replacing the sliding control assembly. This AD also requires replacing an affected TRDB with a serviceable TRDB at a specified threshold and prohibits the installation of certain TRDBs or sliding control assemblies on any helicopter, as specified in a European Union Aviation Safety Agency (EASA) AD, which is incorporated by reference. The FAA is issuing this AD to address the unsafe condition on these products.

**DATES:** This AD is effective March 23, 2023.

The Director of the Federal Register approved the incorporation by reference of a certain publication listed in this AD as of March 23, 2023.

**ADDRESSES:**

*AD Docket:* You may examine the AD docket at [regulations.gov](https://www.regulations.gov) under Docket No. FAA-2022-1419; or in person at Docket Operations between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket