

rotor gearbox assembly P/N 109-0440-01-115 on Model A109E helicopters that do not have overhaul or life limits for that part. If a tail rotor gearbox is not properly maintained it could fail, resulting in reduced control of the helicopter.

(f) Compliance

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

(g) Requirements

Except as specified in paragraph (h) of this AD: Comply with all required actions and compliance times specified in, and in accordance with, EASA AD 2021-0031.

(h) Exceptions to EASA AD 2021-0031

(1) Where EASA AD 2021-0031 requires compliance in terms of flight hours, this AD requires using hours time-in-service.

(2) Where EASA AD 2021-0031 refers to its effective date, this AD requires using the effective date of this AD.

(3) This AD does not mandate compliance with the "Remarks" section of EASA AD 2021-0031.

(i) No Reporting Requirement

Although the service information referenced in EASA AD 2021-0031 specifies to submit certain information to the manufacturer, this AD does not include that requirement.

(j) Alternative Methods of Compliance (AMOCs)

(1) 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 local Flight Standards District Office, as appropriate. If sending information directly to the manager of the International Validation Branch, send it to the attention of the person identified in paragraph (k) of this AD. Information may be emailed to: 9-AVS-AIR-730-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.

(k) Related Information

For more information about this AD, contact Andrea Jimenez, Aerospace Engineer, COS Program Management Section, Operational Safety Branch, Compliance & Airworthiness Division, FAA, 1600 Stewart Ave., Suite 410, Westbury, NY 11590; telephone (516) 228-7330; email andrea.jimenez@faa.gov.

(l) 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.

(i) European Union Aviation Safety Agency (EASA) AD 2021-0031, dated January 22, 2021.

(ii) [Reserved]

(3) For EASA AD 2021-0031, contact the EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; telephone +49 221 8999 000; 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>.

(4) You may view this material at the FAA, Office of the Regional Counsel, Southwest Region, 10101 Hillwood Pkwy., Room 6N-321, Fort Worth, TX 76177. For information on the availability of this material at the FAA, call (817) 222-5110. 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-2021-0695.

(5) 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, or go to <https://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued on October 14, 2021.

Lance T. Gant,

Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2021-25215 Filed 11-18-21; 8:45 am]

BILLING CODE 4910-13-P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2021-0687; Project Identifier 2019-SW-029-AD; Amendment 39-21782; AD 2021-22-09]

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 certain Leonardo S.p.a. Model AW189 helicopters. This AD was prompted by a report that a number of fairleads that support the engine combustion chamber D1 drain hose showed evidence of heat damage. This AD requires modifying the helicopter by installing a certain engine combustion chamber D1 drain assembly, 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 December 27, 2021.

The Director of the Federal Register approved the incorporation by reference of a certain publication listed in this AD as of December 27, 2021.

ADDRESSES: For material incorporated by reference (IBR) in this AD, contact the EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; telephone +49 221 8999 000; email ADs@easa.europa.eu; internet www.easa.europa.eu. You may find this material on the EASA website at <https://ad.easa.europa.eu>. You may view this material at the FAA, Office of the Regional Counsel, Southwest Region, 10101 Hillwood Pkwy., Room 6N-321, Fort Worth, TX 76177. For information on the availability of this material at the FAA, call 817-222-5110. It is also available in the AD docket on the internet at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2021-0687.

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-2021-0687; 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, 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: Jacob Fitch, Aerospace Engineer, COS Program Management Section, Operational Safety Branch, Compliance & Airworthiness Division, FAA, 10101 Hillwood Pkwy., Fort Worth, TX 76177; telephone (817) 222-4130; email jacob.fitch@faa.gov.

SUPPLEMENTARY INFORMATION:

Background

The EASA, which is the Technical Agent for the Member States of the European Union, has issued EASA AD 2019-0039, dated February 20, 2019 (EASA AD 2019-0039) (also referred to as the Mandatory Continuing Airworthiness Information, or the MCAI), to correct an unsafe condition for certain Leonardo S.p.A. Model AW189 helicopters.

The FAA issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 by adding an AD that would apply to certain Leonardo S.p.a. Model AW189 helicopters. The NPRM published in the **Federal Register** on August 23, 2021 (86 FR 47033). The

NPRM was prompted by a report that a number of fairleads that support the engine combustion chamber D1 drain hose showed evidence of heat damage. The NPRM proposed to require modifying the helicopter by installing a certain engine combustion chamber D1 drain assembly, as specified in an EASA AD.

The FAA is issuing this AD to address heat damage of the engine combustion chamber D1 drain hose, which in a case where the right-hand engine is operated in the one engine inoperative (OEI) rating, the D1 drain pipe could transfer so much heat to the nearby fuel system vent pipe that its internal surface temperature could exceed the auto-ignition temperature for fuel. The unsafe condition, if not addressed, could result in undetected fire ignition in the fuel tank bay with consequent loss of the

helicopter. See the MCAI for additional background information.

Comments

The FAA gave the public the opportunity to participate in developing this final rule. The FAA received no comments on the NPRM or on the determination of the cost to the public.

Conclusion

The FAA reviewed the relevant data and determined that air safety and the public interest require adopting this final rule as proposed, except for minor editorial changes. The FAA has determined that these minor changes:

- Are consistent with the intent that was proposed in the NPRM for addressing the unsafe condition; and

- Do not add any additional burden upon the public than was already proposed in the NPRM.

Related Service Information Under 1 CFR Part 51

EASA AD 2019–0039 requires modifying the helicopter by installing the engine combustion chamber D1 drain assembly, part number 8G7170P00111.

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.

Costs of Compliance

The FAA estimates that this AD affects 4 helicopters 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
Modification	4 work-hours × \$85 per hour = \$340	\$2,557	\$2,897	\$11,588

The FAA has included all known costs in its cost estimate. According to the manufacturer, however, some or all of the costs of this AD may be covered under warranty, thereby reducing the cost impact on affected operators.

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:

2021–22–09 Leonardo S.p.a.: Amendment 39–21782; Docket No. FAA–2021–0687; Project Identifier 2019–SW–029–AD.

(a) Effective Date

This airworthiness directive (AD) is effective December 27, 2021.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Leonardo S.p.a. Model AW189 helicopters, certificated in any category, as identified in European Union Aviation Safety Agency (EASA) AD 2019–0039, dated February 20, 2019 (EASA AD 2019–0039).

(d) Subject

Joint Aircraft Service Component (JASC) Code: 7170, Engine Drains.

(e) Unsafe Condition

This AD was prompted by a report that a number of fairleads that support the engine combustion chamber D1 drain hose showed evidence of heat damage. The FAA is issuing this AD to address such heat damage, which in a case where the right-hand engine is operated in the one engine inoperative (OEI) rating, the D1 drain pipe could transfer so much heat to the nearby fuel system vent pipe that its internal surface temperature could exceed the auto-ignition temperature for fuel. The unsafe condition, if not addressed, could result in undetected fire ignition in the fuel tank bay with consequent loss of the helicopter.

(f) Compliance

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

(g) Requirements

Except as specified in paragraph (h) of this AD: Comply with all required actions and compliance times specified in, and in accordance with, EASA AD 2019–0039.

(h) Exceptions to EASA AD 2019–0039

(1) Where EASA AD 2019–0039 requires compliance in terms of flight hours, this AD requires using hours time-in-service.

(2) Where EASA AD 2019–0039 refers to its effective date, this AD requires using the effective date of this AD.

(3) Where the service information required by EASA AD 2019–0039 specifies discarding parts, this AD requires removing those parts from service.

(4) This AD does not require the “Remarks” section of EASA AD 2019–0039.

(i) No Reporting Requirement

Although the service information referenced in EASA AD 2019–0039 specifies to submit certain information to the manufacturer, this AD does not include that requirement.

(j) Special Flight Permit

Special flight permits may be issued in accordance with 14 CFR 21.197 and 21.199 to operate the airplane to a location where the helicopter can be modified, provided the OEI rating is prohibited on the right-hand engine.

(k) Alternative Methods of Compliance (AMOCs)

(1) 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 local Flight Standards District Office, as appropriate. If sending information directly to the manager of the International Validation Branch, send it to the attention of the person identified in paragraph (l) of this AD. Information may be emailed to: 9-AVS-AIR-730-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.

(l) Related Information

For more information about this AD, contact Jacob Fitch, Aerospace Engineer, COS Program Management Section, Operational Safety Branch, Compliance & Airworthiness Division, FAA, 10101 Hillwood Pkwy., Fort Worth, TX 76177; telephone (817) 222-4130; email jacob.fitch@faa.gov.

(m) 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.

(i) European Union Aviation Safety Agency (EASA) AD 2019–0039, dated February 20, 2019.

(ii) [Reserved]

(3) For EASA AD 2019–0039, contact the EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; telephone +49 221 8999 000; 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>.

(4) You may view this service information at the FAA, Office of the Regional Counsel, Southwest Region, 10101 Hillwood Pkwy., Room 6N–321, Fort Worth, TX 76177. For information on the availability of this material at the FAA, call 817–222–5110. 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–2021–0687.

(5) 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 fedreg.legal@nara.gov, or go to <https://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued on October 14, 2021.

Lance T. Gant,

Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2021–25213 Filed 11–18–21; 8:45 am]

BILLING CODE 4910–13–P

DEPARTMENT OF HOMELAND SECURITY
Coast Guard**33 CFR Part 117**

[Docket No. USCG–2021–0332]

RIN 1625–AA09

Drawbridge Operation Regulation; Indiana Harbor Canal, East Chicago, IN

AGENCY: Coast Guard, Department of Homeland Security (DHS).

ACTION: Final rule.

SUMMARY: The Coast Guard is altering the operating schedule that governs the Indianapolis Boulevard Bridge, mile 2.59, over the Indiana Harbor Canal at East Chicago, Indiana. Indiana Department of Transportation, the owner and operator of the bridge, has requested to stop continual drawtender service to the bridge due to a lack of openings.

DATES: This rule is effective December 20, 2021.

ADDRESSES: To view documents mentioned in this preamble as being available in the docket, go to [https://](https://www.regulations.gov)

www.regulations.gov. Type USCG–2021–0332 in the “SEARCH” box and click “SEARCH.” In the Document Type column, select “Supporting & Related Material.”

FOR FURTHER INFORMATION CONTACT: If you have questions on this rule, call or email: Mr. Lee D. Soule, Bridge Management Specialist, Ninth Coast Guard District; telephone 216–902–6085, email Lee.D.Soule@uscg.mil.

SUPPLEMENTARY INFORMATION:**I. Table of Abbreviations**

CFR	Code of Federal Regulations
DHS	Department of Homeland Security
FR	Federal Register
IGLD85	International Great Lakes Datum of 1985
INDOT	Indiana Department of Transportation
LWD	Low Water Datum based on IGLD85
OMB	Office of Management and Budget
NPRM	Notice of proposed rulemaking
§	Section
USACE	United States Army Corps of Engineers
U.S.C.	United States Code
USEPA	United States Environmental Protection Agency

II. Background Information and Regulatory History

On July 28, 2021, the Coast Guard published a notice of proposed rulemaking (NPRM) entitled “Drawbridge Operation Regulation; Indiana Harbor Canal, East Chicago, IN,” in the **Federal Register** (86 FR 40388). There we stated why we issued the NPRM, and invited comments on our proposed regulatory action related to this regulatory change. During the comment period that ended on September 27, 2021, we did not receive any comments.

III. Legal Authority and Need for Rule

The Coast Guard is issuing this rule under authority 33 U.S.C. 499.

The Indianapolis Boulevard Bridge, mile 2.59, over the Indiana Harbor Canal is a double leaf bascule bridge that provides a horizontal clearance of 68-feet and a vertical clearance of 12-feet in the closed position with an unlimited vertical clearance in the open position based on low water datum (LWD). The Indianapolis Boulevard Bridge, mile 2.59, over the Indiana Harbor Canal is required to open on signal, and there are no previous rulemakings for this bridge to discuss. The Indiana Harbor Canal is a 3-mile long commercial waterway that serves several industries near the City of East Chicago, Indiana, including the largest integrated steelmaking facility in North America and the 1,400 acre Whiting Refinery that includes the site of the former 1889 Standard Oil of