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.

Regulatory Findings

We determined that 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, I certify that this AD:

1. Is not a “significant regulatory action” under Executive Order 12866;
2. Is not a “significant rule” under DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979);
3. Will not affect intrastate aviation in Alaska to the extent that it justifies making a regulatory distinction; 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.

We prepared an economic evaluation of the estimated costs to comply with this AD and placed it in the AD docket.

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

Adoption of 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

§ 39.13 [Amended]

2. The FAA amends § 39.13 by adding the following new airworthiness directive (AD):


(a) Applicability

This AD applies to Model AB139 and AW139 helicopters with a Full Icing Protection System (FIPS) installed, certified in any category.

(b) Unsafe Condition

This AD defines the unsafe condition as improper insulation of an electrical cable resulting in failure of the FIPS Auto Transformer Rectifier Unit to contain the internal circuit overload. This condition could result in a fire, structural damage, and subsequent loss of control of the helicopter.

(c) Effective Date

This AD becomes effective October 16, 2013.

(d) Compliance

You are responsible for performing each action required by this AD within the specified compliance time unless it has already been accomplished prior to that time.

(e) Required Actions

Before further flight, deactivate the FIPS, and install a placard with 6 millimeter red letters on a white background next to the FIPS controller that states the following: “FLIGHT INTO KNOWN ICING IS PROHIBITED.”

(f) Special Flight Permits

Special flight permits are prohibited.

(g) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Safety Management Group, FAA, may approve AMOCs for this AD. Send your proposal to: Andy Shaw, Aviation Safety Engineer, Safety Management Group, Rotorcraft Directorate, FAA, 2601 Meacham Blvd., Fort Worth, Texas 76137; telephone (817) 222–5110; email andy.shaw@faa.gov.

(2) For operations conducted under a 14 CFR part 119 operating certificate or under 14 CFR part 91, subpart K, we suggest that you notify your principal inspector, or lacking a principal inspector, the manager of the local flight standards district office or certificate holding district office, before operating any aircraft complying with this AD through an AMOC.

(h) Additional Information

(1) AgustaWestland Bollettino Tecnico (BT) No. 139–324, Revision A, dated June 4, 2013, and AgustaWestland BT No. 139–330, dated June 4, 2013, which are not incorporated by reference, contain additional information about the subject of this AD. For service information identified in this AD, contact AgustaWestland, Customer Support & Services, Via Per Tornavento 15, 21019 Somma Lombardo (VA) Italy, ATTN: Giovanni Coccia; telephone 39–0331–711133; fax 39 0331 711180; or at http://www.agustawestland.com/technical-bulletins. You may review a copy of the service information at the FAA, Office of the Regional Counsel, Southwest Region, 2601 Meacham Blvd., Room 663, Fort Worth, Texas 76137.


(i) Subject

Joint Aircraft Service Component (JASC) Code: 3060 Ice Protection.

Issued in Fort Worth, Texas, on July 11, 2013.

Kim Smith, Directorate Manager, Rotorcraft Directorate, Aircraft Certification Service.

[FR Doc. 2013–23578 Filed 9–30–13; 8:45 am]

BILLING CODE 4910–13–P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39


RIN 2120–AA64

Airworthiness Directives; Eurocopter France (Eurocopter) Helicopters

AGENCY: Federal Aviation Administration (FAA), Department of Transportation (DOT).

ACTION: Final rule; request for comments.

SUMMARY: We are adopting a new airworthiness directive (AD) for Eurocopter Model AS332C, AS332L1, AS332L2, and EC225LP helicopters. This AD requires replacing certain serial-numbered main gearbox (MGB) bevel gear vertical shafts because they are no longer airworthy. Also, this AD requires certain inspections of each MGB bevel gear vertical shaft (shaft) for a crack. Also, this AD requires if there is a crack, replacing the shaft with an airworthy part before further flight. This AD is prompted by two incidents of emergency ditching after warning indications of loss of MGB oil pressure. These actions are intended to detect a cracked shaft, which could result in loss of MGB oil pressure, loss of the MGB lubrication system, and subsequent loss of control of the helicopter.

DATES: This AD becomes effective October 16, 2013.
We must receive comments on this AD by December 2, 2013.

**ADDRESSES:** You may send comments by any of the following methods:
- **Federal eRulemaking Docket:** Go to [http://www.regulations.gov](http://www.regulations.gov). Follow the online instructions for sending your comments electronically.
- **Fax:** 202–493–2251.
- **Mail:** Send comments to the U.S. Department of Transportation, Docket Operations, M–30, West Building Ground Floor, Room W12–140, 1200 New Jersey Avenue SE., Washington, DC 20590–0001.
- **Hand Delivery:** Deliver to the “Mail” address between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

**Examing the AD Docket**

You may examine the AD docket on the Internet at [http://www.regulations.gov](http://www.regulations.gov) or in person at the Docket Operations Office between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this AD, the European Aviation Safety Agency (EASA) AD, the economic 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 service information identified in this AD, contact American Eurocopter Corporation, 2701 N. Forum Drive, Grand Prairie, TX 75052; telephone (972) 641–0000 or (800) 232–0323; fax (972) 641–3775; or at [http://www.eurocopter.com/techpub](http://www.eurocopter.com/techpub). You may review the referenced service information at the FAA, Office of the Regional Counsel, Southwest Region, 2601 Meacham Blvd., Room 663, Fort Worth, Texas 76137.

**FOR FURTHER INFORMATION CONTACT:** Rao Edupuganti, Aviation Safety Engineer, Regulations and Policy Group, Rotorcraft Directorate, FAA, 2601 Meacham Blvd., Fort Worth, Texas 76137; telephone (817) 222–5110; email [rao.edupuganti@faa.gov](mailto:rao.edupuganti@faa.gov).

**SUPPLEMENTARY INFORMATION:**

**Comments Invited**

This AD is a final rule that involves requirements affecting flight safety, and we did not provide you with notice and an opportunity to provide your comments prior to it becoming effective. However, we invite you to participate in this rulemaking by submitting written comments, data, or views. We also invite comments relating to the economic, environmental, energy, or federalism impacts that resulted from adopting this AD. The most helpful comments reference a specific portion of the AD, explain the reason for any recommended change, and include supporting data. To ensure the docket does not contain duplicate comments, commenters should send only one copy of written comments, or if comments are filed electronically, commenters should submit them only one time. We will file in the docket all comments that we receive, as well as a report summarizing each substantive public contact with FAA personnel concerning this rulemaking during the comment period. We will consider all the comments we receive and may conduct additional rulemaking based on those comments.

**Discussion**

We are adopting a new AD for the specified Eurocopter helicopters with certain part-numbered shafts. This AD requires replacing certain serial-numbered shafts because they are no longer airworthy. Also, this AD requires certain inspections at specified intervals of each shaft for a crack. This AD also requires if there is a crack, replacing the shaft with an airworthy part before further flight. This AD is prompted by two incidents of emergency ditching after warning indication of loss of oil pressure. A full circumferential crack of the lower shaft occurred in the area where two sections of the shaft are welded together. As a result, the shaft stopped driving the main and backup oil pumps leading to warning indications of the loss of the MGB lubrication. The crew activated the MGB emergency lubrication system, and following a warning that indicated failure of that system, performed a controlled ditching into the sea. These actions are intended to detect a cracked shaft, which could result in loss of MGB oil pressure, loss of the MGB lubrication system, and subsequent loss of control of the helicopter.

This AD is prompted by EASA AD 2013–0138R1, dated July 15, 2013, issued by EASA, which is the Technical Agent for the Member States of the European Union. EASA AD 2013–0138R1 was issued to revise EASA AD 2013–0138–E, dated July 9, 2013, which superseded EASA Emergency AD 2012–1250–E, dated November 21, 2012, to correct an unsafe condition for the Eurocopter Model ASB 332C, AS332C1, AS332L, AS332L1, AS332L2, and EC225LP helicopters, all serial numbers, with certain part-numbered shafts, installed. EASA advises of two events of the Model EC225LP helicopters. In both cases, an emergency ditching was performed after warning indication of MGB loss of oil pressure and subsequent additional red alarm on the MGB emergency lubrication system (EMLUB). EASA also advises of a full circumferential crack of the lower vertical shaft of the MGB bevel gear in the area where the two sections of the shaft are welded together. As a result, the vertical shaft ceased to drive the main and backup oil pumps leading to warning indications of the loss of the MGB main and standby oil lubrication systems. The crew activated the EMLUB system and, following a subsequent warning indicating failure of that system, performed a controlled ditching into the sea.

EASA advises that Eurocopter determined after investigating the incidents that the MGB bevel gear vertical shaft failures resulted from a combination of factors, including stress hot-spots induced by the shaft geometry, residual stresses in the shaft weld material resulting from the manufacturing process, and corrosion pitting inside the shaft on areas where gear spline wear particles accumulated.

The EASA AD allows continued operations under certain conditions if equipped with a Vibration Health Monitoring System (VHM).

**FAA’s Determination**

These helicopters have been approved by the aviation authority of France and are approved for operation in the United States. Pursuant to our bilateral agreement with France, EASA, its technical representative, has notified us of the unsafe condition described in the EASA AD. We are issuing this AD because we evaluated all information provided by EASA and determined the unsafe condition exists and is likely to exist or develop on other helicopters of these same type designs.

**Interim Action**

We consider this AD interim action. The design approval holder is currently developing a newly-designed shaft that will address the unsafe condition identified in this AD. Once the newly-designed shaft is developed, approved, and available, we might consider additional rulemaking.

**Related Service Information**

Eurocopter has issued the following service information:
- **ASB No. ASB 332–01.00.82, Revision 3**, dated July 8, 2013, for the Model ASB 332C, C1, L, L1, L2 civil helicopters and Model ASB 332B, B1, M, M1, and F1 military model helicopters. The ASB defines the new inspection
requirements to detect a crack in the shaft.

- ASB No. EC225–04A009, Revision 3, dated July 8, 2013 for Model EC225LP helicopters. The ASB defines the new inspection requirements to detect a crack in the shaft.

**AD Requirements**

This AD requires:

- Removing certain part-numbered and serial-numbered shafts from service, which are no longer considered airworthy.
- For certain model helicopters, before further flight and at specified intervals, eddy current inspecting the shaft for a crack in the area of the weld.
- For Model EC225LP, before further flight, either installing a placard in full view of the pilot with the following statement in red, 6 millimeter letters on a white background: “MAXIMUM CONTINUOUS TORQUE LIMITED TO 70% DURING LEVEL FLIGHTS AT IAS EQUAL TO OR MORE THAN 60 KTS,” and before further flight and thereafter at intervals not to exceed 11.5 hours TIS, removing the main jet and emergency spraying jet, and ultrasonic inspecting the shaft in the weld area for a crack; or
- Before further flight and thereafter at intervals not to exceed 8 hours TIS, removing the main jet and emergency spraying jet, and ultrasonic inspecting the shaft for a crack in the area of the weld.
- Each eddy current or ultrasonic inspection be done by a Level II or Level III operator certified in the ultrasonic fault detection method in the Aeronautics Sector according to the EN4179 or NAS410 standard.
- If there is a crack, before further flight, replacing the shaft with an airworthy part.

**Differences Between This AD and the EASA AD**

The EASA AD allows continued operations under certain conditions if equipped with a VHM. The VHM system is validated by FAA for information only, and therefore we have not adopted that portion of the EASA AD.

**Costs of Compliance**

We estimate that this AD will affect four helicopters of U.S. Registry. We estimate that operators may incur the following costs to comply with this AD. We estimate labor at $85 per work hour. Minimal cost to install a placard and 3 work hours to inspect each shaft for a crack, it will cost $235 per helicopter and $1,020 for the fleet per inspection. To replace a shaft, it will take 44 work hours and $1,243,350 for required parts for a total of $1,247,090 per helicopter.

**FAA’s Justification and Determination of the Effective Date**

Providing an opportunity for public comments before adopting these AD requirements would delay implementing the safety actions needed to correct this known unsafe condition. Therefore, we find that the risk to the flying public justifies waiving notice and comment before adopting this rule because the required corrective actions must be done within 10 hours TIS and at repeated intervals within short periods of time.

Since an unsafe condition exists that requires the immediate adoption of this AD, we determined that notice and opportunity for public comment before issuing this AD are impracticable and that good cause exists for making this amendment effective in less than 30 days.

**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.

**Regulatory Findings**

We determined that 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, I certify that this AD:

1. Will not affect intrastate aviation in Alaska to the extent that it justifies making a regulatory distinction; and
2. 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.

We prepared an economic evaluation of the estimated costs to comply with this AD and placed it in the AD docket.

**List of Subjects in 14 CFR Part 39**

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

**Adoption of 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 (AD):

  **2013–19–19 Eurocopter France:**


(a) **Applicability**

This AD applies to Eurocopter Model AS332C, AS332L1, AS332L2, and EC225LP helicopters, with main gearbox (MGB) bevel gear vertical shaft (shaft), part number (P/N) 332A32–5101–00, 332A32–5101–05, 332A32–5101–10, or 332A32–5101–15, certificated in any category.

(b) **Unsafe Condition**

This AD defines the unsafe condition as a cracked shaft resulting in loss of MGB oil pressure. These actions are intended to prevent loss of the MGB lubrication system and subsequent loss of control of the helicopter.

(c) **Effective Date**

This AD becomes effective October 16, 2013.

(d) **Compliance**

You are responsible for performing each action required by this AD within the specified compliance time unless it has already been accomplished prior to that time.

(e) **Required Actions**

1. Before further flight, remove shaft, P/N 332A32–5101–00, 332A32–5101–05, 332A32–5101–10, or 332A32–5101–15, with S/N M330 through M5000 (inclusive) and S/N M370 through M5000 (inclusive) from service, which are no longer considered airworthy.
(2) For Model AS332C, AS332L, AS332L1, and AS332L2 helicopters, before further flight and thereafter at intervals not to exceed 10 hours time-in-service (TIS), eddy current inspect the shaft for a crack in the area of the weld, which must be done by a Level II or Level III inspector certified in the eddy current fault detection method in the Aeronautics Sector according to the EN4179 or NAS410 standard.

(3) For Model EC225LP, either do paragraphs (3)(i) and (3)(ii) or do paragraph (3)(iii).

(i) Before further flight, install a placard in full view of the pilot with the following statement in red, 6 millimeter letters on a white background: “MAXIMUM CONTINUOUS TORQUE LIMITED TO 70% DURING LEVEL FLIGHTS AT IAS EQUAL TO OR MORE THAN 60 KTS.” and

(ii) Before further flight, and thereafter at intervals not to exceed 11.5 hours TIS, remove the main jet and emergency spraying jet, and ultrasonic inspect the shaft in the weld area for a crack, which must be done by a Level II or Level III inspector certified in the eddy current fault detection method in the Aeronautics Sector according to the EN4179 or NAS410 standard, or

(iii) Before further flight, and thereafter at intervals not to exceed 8 hours TIS, remove the main jet and emergency spraying jet, and ultrasonic inspect the shaft for a crack in the area of the weld, which must be done by a Level II or Level III operator certified in the ultrasonic fault detection method in the Aeronautics Sector according to the EN4179 or NAS410 standard.

(4) If there is a crack, before further flight, replace the shaft with an airworthy part.

(f) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Safety Management Group, FAA, may approve AMOCs for this AD. Send your proposal to Rao Edupuganti, Aviation Safety Engineer, Regulations and Policy Group, Rotorcraft Directorate, FAA, 2601 Meacham Blvd., Fort Worth, Texas 76137; telephone (817) 222–5110; email rao.edupuganti@faa.gov.

(2) For operations conducted under a 14 CFR part 119 operating certificate or under a joint aircraft service component (JASC) certificate holding district office, before further flight, install a placard in full view of the pilot with the following statement in red, 6 millimeter letters on a white background: “MAXIMUM CONTINUOUS TORQUE LIMITED TO 70% DURING LEVEL FLIGHTS AT IAS EQUAL TO OR MORE THAN 60 KTS.”

SUMMARY: This document adopts as a final rule, with some changes, interim amendments to the U.S. Customs and Border Protection (CBP) regulations which were published in the Federal Register on September 26, 2012, as CBP Dec. 12–16, to implement the preferential tariff treatment and other customs-related provisions of the United States-Colombia Trade Promotion Agreement. DATES: Effective October 31, 2013。