

ML20070M158). Specific areas of research include the impact of shadow evacuations, evacuation model boundary conditions, the use of manual traffic control, and the sensitivity of various model parameters important to ETE studies. The study provided a technical basis for revisions to NUREG/CR-7002 to reflect current practices in transportation modeling and an enhanced understanding of evacuation dynamics. Proposed revisions also include guidance for developing ETEs for various sized EPZs, updating ETEs, developing ETE studies in support of early site permit applications, and using measures of effectiveness for assessing model performance. The NRC's intent in revising NUREG/CR-7002 is to ensure consistency in the development and review of ETE studies.

III. Backfitting, Forward Fitting, and Issue Finality

Issuance of draft NUREG/CR-7002, Revision 1, if finalized, would not constitute backfitting as defined in 10 CFR 50.109, "Backfitting," and as described in NRC Management Directive 8.4, "Management of Backfitting, Forward Fitting, Issue Finality, and Information Requests"; affect issue finality of any approval issued under 10 CFR part 52, "Licenses, Certificates, and Approvals for Nuclear Power Plants"; or constitute forward fitting as defined in Management Directive 8.4, because, as explained in draft NUREG/CR-7002, Revision 1, licensees are not required to comply with the positions set forth in that document.

IV. Public Meeting

The NRC will conduct a public meeting to describe draft NUREG/CR-7002, Revision 1, and answer questions from the public. The NRC will publish a notice of the location, time, and agenda of the meeting on the NRC's public meeting website at least 10 calendar days before the meeting. Stakeholders should monitor the NRC's public meeting website for information about the public meeting at <https://www.nrc.gov/public-involve/public-meetings.html>.

Dated: August 21, 2020.

For the Nuclear Regulatory Commission.

Kathryn M. Brock,

Director, Division of Preparedness and Response, Office of Nuclear Security and Incident Response.

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2020-0801; Product Identifier 2019-SW-101-AD]

RIN 2120-AA64

Airworthiness Directives; Airbus Helicopters Deutschland GmbH Helicopters

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: The FAA proposes to supersede Airworthiness Directive (AD) 2017-07-08 for Airbus Helicopters Deutschland GmbH (Airbus Helicopters) Model MBB-BK 117 D-2 helicopters. AD 2017-07-08 requires repetitively inspecting each engine mount elastomeric bushing (elastomeric bushing). Since the FAA issued AD 2017-07-08, Airbus Helicopters has designed an improved engine mount metal bushing (metal bushing). This proposed AD would retain the inspection requirements of AD 2017-07-08 and would require replacing each affected engine mount bushing with an improved engine mount bushing, while also requiring repetitive inspections of the improved engine mount bushing. This proposed AD would also prohibit installing an elastomeric bushing on any helicopter. The actions of this proposed AD are intended to address an unsafe condition on these products.

DATES: The FAA must receive comments on this proposed AD by October 13, 2020.

ADDRESSES: You may send comments by any of the following methods:

- *Federal eRulemaking Docket:* Go to <https://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.

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-

0801; 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 proposed AD, the European Union Aviation Safety Agency (EASA) AD, 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 service information identified in this proposed rule, contact Airbus Helicopters, 2701 N. Forum Drive, Grand Prairie, TX 75052; telephone 972-641-0000 or 800-232-0323; fax 972-641-3775; or at <https://www.airbus.com/helicopters/services/technical-support.html>. You may view this referenced service information at the FAA, Office of the Regional Counsel, Southwest Region, 10101 Hillwood Pkwy, Room 6N-321, Fort Worth, TX 76177.

FOR FURTHER INFORMATION CONTACT: Matt Fuller, AD Program Manager, Continued Operational Safety Branch, Airworthiness Products Section, General Aviation and Rotorcraft Unit, 10101 Hillwood Pkwy., Fort Worth, TX 76177; telephone 817-222-5110; email Matthew.Fuller@faa.gov.

SUPPLEMENTARY INFORMATION:

Comments Invited

The FAA invites you to participate in this rulemaking by submitting written comments, data, or views. The most helpful comments reference a specific portion of the proposal, 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 only one time.

Except for Confidential Business Information (CBI) as described in the following paragraph, and other information as described in 14 CFR 11.35, the FAA will file in the docket all comments received, as well as a report summarizing each substantive public contact with FAA personnel concerning this proposed rulemaking. Before acting on this proposal, the FAA will consider all comments received on or before the closing date for comments. The FAA will consider comments filed after the comment period has closed if it is possible to do so without incurring expense or delay. The FAA may change this proposal in light of the comments received.

Confidential Business Information

Confidential Business Information (CBI) is commercial or financial information that is both customarily and actually treated as private by its owner. Under the Freedom of Information Act (FOIA) (5 U.S.C. 552), CBI is exempt from public disclosure. If your comments responsive to this NPRM contain commercial or financial information that is customarily treated as private, that you actually treat as private, and that is relevant or responsive to this NPRM, it is important that you clearly designate the submitted comments as CBI. Please mark each page of your submission containing CBI as "PROPIN." The FAA will treat such marked submissions as confidential under the FOIA, and they will not be placed in the public docket of this NPRM. Submissions containing CBI should be sent to Matt Fuller, AD Program Manager, Continued Operational Safety Branch, Airworthiness Products Section, General Aviation and Rotorcraft Unit, 10101 Hillwood Pkwy., Fort Worth, TX 76177; telephone 817-222-5110; email Matthew.Fuller@faa.gov. Any commentary that the FAA receives which is not specifically designated as CBI will be placed in the public docket for this rulemaking.

Discussion

The FAA issued AD 2017-07-08, Amendment 39-18846 (82 FR 16895, April 7, 2017) ("AD 2017-07-08") for Airbus Helicopters Model MBB-BK 117 D-2 helicopters. AD 2017-07-08 requires repetitive visual inspections of each elastomeric bushing of the inner and outer forward trusses of both engines, and depending on the outcome of the inspections, repairing or replacing the elastomeric bushings. AD 2017-07-08 was prompted by EASA AD No. 2015-0198, dated September 30, 2015 (EASA AD 2015-0198), issued by EASA, which is the Technical Agent for the Member States of the European Union. EASA advised that during a pre-flight check of a Model MBB-BK 117 D-2 helicopter, an elastomeric bushing was found delaminated. More cases of delaminated elastomeric bushings were reported following additional investigations. According to EASA, this condition could lead to cracks and eventually failure of the engine mount front support pins, possibly resulting in loss of helicopter control.

Actions Since AD 2017-07-08 Was Issued

Since the FAA issued AD 2017-07-08, EASA has issued a series of ADs to

supersede EASA AD 2015-0198. EASA issued AD No. 2019-0030, dated February 13, 2019 (EASA AD 2019-0030), to supersede EASA AD 2015-0198. EASA AD 2019-0030 advises that Airbus Helicopters has designed an improved engine mount bushing part number (P/N) B712M10X1001, which when installed becomes a terminating action for the repetitive inspections of elastomeric bushing P/N 105-60386. Accordingly, EASA AD 2019-0030 requires installation of improved engine mount bushing P/N B712M10X1001 and also prohibits the installation of elastomeric bushing P/N 105-60386 on any Model MBB-BK 117 D-2 helicopter. Since EASA issued AD 2019-0030, occurrences were reported of finding damaged metal bushings. EASA issued AD No. 2019-0275, dated November 7, 2019 (EASA AD 2019-0275), which retains the requirements of EASA AD 2019-0030 and requires repetitive visual inspections of the metal bushings. EASA AD 2019-0275 also updates the terminology used in the definitions section from affected part to elastomeric bushing and from serviceable part to metal bushing.

FAA's Determination

These helicopters have been approved by EASA and are approved for operation in the United States. Pursuant to the FAA's bilateral agreement with the European Union, EASA has notified the FAA about the unsafe condition described in its AD. The FAA is proposing this AD after evaluating all known relevant information and determining that an unsafe condition is likely to exist or develop on other helicopters of the same type design.

Differences Between This Proposed AD and the EASA AD

The EASA AD allows a non-cumulative tolerance of 10 hours time-in-service for its required compliance times. This proposed AD does not. The EASA AD requires reporting inspection results to Airbus Helicopters Deutschland GmbH if any worn or heavily worn metal is found, whereas this proposed AD does not.

Related Service Information Under 1 CFR Part 51

The FAA reviewed Airbus Helicopters Alert Service Bulletin (ASB) MBB-BK117 D-2-71A-002, Revision 1, dated December 14, 2018. This service information specifies instructions for repetitive visual inspections of elastomeric bushing P/N 105-60386 for defects, deformation, separation of the rubber, and missing rubber. If there is any deformation or separation of the

rubber, this service information provides instructions to replace the affected parts with serviceable parts. This service information also specifies replacing elastomeric bushings P/N 105-60386 with metal bushings P/N B712M10X1001. This service information also does not allow the new metal bushings P/N B712M10X1001 to be installed on any helicopter together with the elastomeric bushings P/N 105-60386. This service information also prohibits installing elastomeric bushings P/N 105-60386 after installation of new metal bushings P/N B712M10X1001.

This service information 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.

Other Related Service Information

The FAA reviewed Airbus Helicopters ASB MBB-BK117 D-2-71A-011, Revision 0, dated October 16, 2019. This service information specifies instructions for repetitive inspections of the metal bushings P/N B712M10X1001 of the inner and outer forward trusses for worn metal bushings (gapping between the inner and outer truss less than 1mm) and heavily worn metal bushings (inner and outer metal bushings showing contact marks or worn out metal mesh).

The FAA also reviewed Airbus Helicopters AMM BK117 C2C2e, dated August 7, 2018. This service information specifies instructions for a detailed inspection of the engine mount bushings.

Proposed AD Requirements

This proposed AD would retain the repetitive visual inspections of AD 2017-07-08 and would propose requiring the installation of metal bushing P/N B712M10X1001, which would terminate the repetitive inspection of elastomeric bushing P/N 105-60386. This proposed AD would also require repetitive inspections of metal bushing P/N B712M10X1001 and prohibit the installation of elastomeric bushing P/N 105-60386 on any helicopter.

Costs of Compliance

The FAA estimates that this proposed AD would affect 30 helicopters of U.S. Registry. The FAA estimates that operators may incur the following costs in order to comply with this proposed AD. Labor costs are estimated at \$85 per work-hour.

Inspecting the engine mount bushings would take about 1 work-hour, for an

estimated cost of \$85 per helicopter and \$2,550 for the U.S. fleet.

Replacing the three engine mount bushings would take about 8 work-hours and parts would cost about \$2,505, for an estimated cost of \$3,185 per helicopter.

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 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, 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:
 - a. Removing Airworthiness Directive (AD) 2017-07-08, Amendment 39-18846 (82 FR 16895, April 7, 2017); and
 - b. Adding the following new AD:

Airbus Helicopters Deutschland GmbH

Docket No. FAA-2020-0801; Product Identifier 2019-SW-101-AD.

(a) Applicability

This AD applies to Airbus Helicopters Deutschland GmbH Model MBB-BK 117 D-2 helicopters, certified in any category, with an engine mount elastomeric bushing (elastomeric bushing) part number (P/N) 105-60386 or an engine mount metal bushing (metal bushing) P/N B712M10X1001 installed.

(b) Unsafe Condition

This AD defines the unsafe condition as a delaminated elastomeric bushing. This condition could result in excessive vibration, which could lead to cracking and failure of the engine mount front support pins, and loss of helicopter control.

(c) Affected ADs

This AD replaces AD 2017-07-08, Amendment 39-18846 (82 FR 16895, April 7, 2017).

(d) Comments Due Date

The FAA must receive comments by October 13, 2020.

(e) 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.

(f) Required Actions

- (1) For helicopters with an elastomeric bushing P/N 105-60386 installed, within 50 hours time-in-service (TIS) and thereafter at intervals not to exceed 50 hours TIS:
 - (i) Visually inspect each elastomeric bushing for separation of the rubber from the metal or missing rubber by following Section 3.B.2 of Airbus Helicopters Alert Service Bulletin No. ASB MBB-BK117 D-2-71A-002, Revision 1, dated December 14, 2018.
 - (ii) If any rubber has separated from the metal or if there is missing rubber, before further flight, inspect the elastomeric bushing for deformation, corrosion, and mechanical damage.
 - (A) Replace the elastomeric bushing with an airworthy engine mount bushing if there is any deformation, separation of the rubber from the metal, corrosion, or mechanical damage, or repair the elastomeric bushing if the deformation, separation of the rubber, corrosion, or mechanical damage is within the maximum repair damage limitations.
 - (B) If the inner and outer parts of the elastomeric bushing are separated with

missing rubber, before further flight, replace the elastomeric bushing with an airworthy engine mount bushing.

(2) For helicopters with a metal bushing P/N B712M10X1001 installed, within 100 hours TIS, and thereafter every 100 hours TIS, visually inspect the metal bushing of the inner and outer forward trusses for gapping between the inner and outer truss, contact marks on the inner and outer engine mount bushings, and worn out metal mesh.

(i) If there is gapping between the inner and outer truss less than 1mm, within 50 hours TIS, replace the metal bushing with an airworthy engine mount bushing.

(ii) If there is gapping between the inner and outer truss of 1mm or greater than 1mm, contact marks on the inner or outer engine mount bushings, or worn out metal mesh, before further flight, replace the metal bushing with an airworthy engine mount bushing.

(3) For helicopters with an elastomeric bushing P/N 105-60386 installed, within 300 hours TIS, replace each elastomeric bushing P/N 105-60386 with metal bushing P/N B712M10X1001.

(4) Performing the actions required by paragraph (f)(3) of this AD constitutes a terminating action for the repetitive inspections required by paragraph (f)(1) of this AD.

(5) As of the effective date of this AD, do not install elastomeric bushing P/N 105-60386 on any helicopter.

(g) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Rotorcraft Standards Branch, FAA, may approve AMOCs for this AD. Send your proposal to: Matt Fuller, AD Program Manager, Continued Operational Safety Branch, Airworthiness Products Section, General Aviation and Rotorcraft Unit, 10101 Hillwood Pkwy., Fort Worth, TX 76177; telephone 817-222-5110; email 9-ASW-FTW-AMOC-Requests@faa.gov.

(2) For operations conducted under a 14 CFR part 119 operating certificate or under 14 CFR part 91, subpart K, the FAA suggests 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

The subject of this AD is addressed in European Union Aviation Safety Agency (EASA) AD No. 2019-0275, dated November 7, 2019. You may view the EASA AD on the internet at <https://www.regulations.gov> in the AD Docket.

(i) Subject

Joint Aircraft Service Component (JASC) Code: 7200, Engine (Turbine, Turboprop).

Issued on August 20, 2020.

Gaetano A. Sciortino,

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

[FR Doc. 2020-18696 Filed 8-26-20; 8:45 am]

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