

intensity deemed appropriate. Inspection aids such as mirror, magnifying lenses, etc., may be necessary. Surface cleaning and elaborate procedures may be required.

#### (i) Corrective Action for Cracks

If any crack is found during any inspection required by paragraph (g) of this AD, before further flight, do either action specified in paragraph (i)(1) or (i)(2) of this AD. Accomplishment of either action terminates the requirements of paragraph (g) of this AD.

(1) Do a large repair, in accordance with Part IV of the Accomplishment Instructions of Boeing Service Bulletin 727-57-0112, Revision 5, dated July 31, 1997.

(2) Do a preventive modification, in accordance with Part V of the Accomplishment Instructions of Boeing Service Bulletin 727-57-0112, Revision 5, dated July 31, 1997.

#### (j) Optional Terminating Action

Accomplishment of the actions specified in either paragraph (j)(1) or (j)(2) of this AD terminates the requirements of paragraphs (g) and (i) of this AD.

(1) A large repair, in accordance with Part IV of the Accomplishment Instructions of Boeing Service Bulletin 727-57-0112, Revision 5, dated July 31, 1997. Any crack found must be repaired before further flight using a method approved in accordance with the procedures specified in paragraph (l) of this AD.

(2) A preventive modification, in accordance with Part V of the Accomplishment Instructions of Boeing Service Bulletin 727-57-0112, Revision 5, dated July 31, 1997. Any crack found must be repaired before further flight using a method approved in accordance with the procedures specified in paragraph (l) of this AD.

#### (k) Credit for Previous Actions

This paragraph provides credit for the inspections, large repair, and modification specified in this AD, if those actions were performed before the effective date of this AD using Boeing Service Bulletin 727-57-0112, Revision 4, dated October 29, 1992.

#### (l) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Los Angeles Aircraft Certification Office (ACO), 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 ACO, send it to the attention of the person identified in paragraph (m) of this AD. Information may be emailed to: [9-ANM-Seattle-ACO-AMOC-Requests@faa.gov](mailto:9-ANM-Seattle-ACO-AMOC-Requests@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.

(3) An AMOC that provides an acceptable level of safety may be used for any repair required by this AD if it is approved by the Boeing Commercial Airplanes Organization

Designation Authorization (ODA) that has been authorized by the Manager, Los Angeles ACO, to make those findings. For a repair method to be approved, the repair must meet the certification basis of the airplane, and the approval must specifically refer to this AD.

#### (m) Related Information

For more information about this AD, contact Chandraduth Ramdoss, Aerospace Engineer, Airframe Branch, ANM-120L, FAA, Los Angeles Aircraft Certification Office (ACO), 3960 Paramount Blvd., Suite 100, Lakewood, CA 90712-4137, phone: 562-627-5329; fax: 562-627-5210; email: [Chandraduth.Ramdoss@faa.gov](mailto:Chandraduth.Ramdoss@faa.gov).

#### (n) 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 the AD specifies otherwise.

(i) Boeing Service Bulletin 727-57-0112, Revision 5, dated July 31, 1997.

(ii) Reserved.

(3) For service information identified in this AD, contact Boeing Commercial Airplanes, Attention: Data & Services Management, P.O. Box 3707, MC 2H-65, Seattle, WA 98124-2207; telephone 206-544-5000, extension 1; fax 206-766-5680; Internet <https://www.myboeingfleet.com>.

(4) You may view this service information at FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

(5) You may view this service information that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued in Renton, Washington, on February 14, 2014.

**Jeffrey E. Duven,**

*Manager, Transport Airplane Directorate, Aircraft Certification Service.*

[FR Doc. 2014-06776 Filed 3-27-14; 8:45 am]

**BILLING CODE 4910-13-P**

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. FAA-2013-0822; Directorate Identifier 2013-SW-004-AD; Amendment 39-17783; AD 2014-05-10]

RIN 2120-AA64

#### Airworthiness Directives; Airbus Helicopters (Type Certificate Previously Held by Eurocopter France) (Airbus Helicopters)

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

**ACTION:** Final rule.

**SUMMARY:** We are superseding Airworthiness Directive (AD) 2012-25-04 for Eurocopter France Model AS350B3 helicopters with a certain modification (MOD) installed. AD 2012-25-04 required installing two placards and revising the Rotorcraft Flight Manual (RFM). AD 2012-25-04 also required certain checks and inspecting and replacing, if necessary, all four laminated half-bearings (bearings). This new AD retains the previous AD requirements, requires certain modifications which would be terminating action for the airspeed limitations, and adds certain helicopter models to the bearing inspection with a different inspection interval. These actions are intended to prevent vibration due to a failed bearing, failure of the tail rotor, and subsequent loss of control of the helicopter.

**DATES:** This AD is effective May 2, 2014.

The Director of the Federal Register approved the incorporation by reference of certain documents listed in this AD as of May 2, 2014.

**ADDRESSES:** For service information identified in this AD, contact Airbus Helicopters, Inc., 2701 N. Forum Drive, Grand Prairie, TX 75052; telephone (972) 641-0000 or (800) 232-0323; fax (972) 641-3775; or at <http://www.airbushelicopters.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.

#### Examining the AD Docket

You may examine the AD docket on the Internet at <http://www.regulations.gov> in Docket No. FAA-2013-0822 or in person at the Docket Management Facility between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this AD, the foreign

authority's AD, any incorporated-by-reference information, the economic evaluation, any comments received, and other information. The address for the Docket Office (phone: 800-647-5527) is Document Management Facility, 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:**

Robert Grant, Aviation Safety Engineer, Safety Management Group, FAA, 2601 Meacham Blvd., Fort Worth, Texas 76137; telephone (817) 222-5110; email [robert.grant@faa.gov](mailto:robert.grant@faa.gov).

**SUPPLEMENTARY INFORMATION:**

**Discussion**

On September 23, 2013, at 78 FR 58256, the **Federal Register** published our notice of proposed rulemaking (NPRM), which proposed to amend 14 CFR part 39 by removing AD 2012-25-04, Amendment 39-17285 (78 FR 24041, April 24, 2013) and adding an AD that would apply to Eurocopter France (now Airbus Helicopters) Model AS350B, AS350BA, AS350B1, AS350B2, AS350B3 (except AS350B3 helicopters with modification (MOD) 07 5606 installed), AS350C, AS350D, AS350D1, AS355E, AS355F, AS355F1, AS355F2, AS355N, and AS355NP helicopters. For Model AS350B3 helicopters with MOD 07 5601 installed, the NPRM proposed to require limiting the velocity never exceed speed by installing a placard and revising the RFM, checking the bearings after each flight for separation, a crack, or extrusion, performing a one-time inspection of the bearings, modifying the chin weight support and replacing any bearings with more than 5 hours time-in-service (TIS), removing the additional chin weights and installing blanks, modifying the rotating pitch-change spider assembly, installing a load compensator, and modifying the electrical installation. After modifying the helicopter, the NPRM proposed to require removing the RFM limitations and placards installed previously. For Model AS350B, AS350BA, AS350B1, AS350B2, AS350C, AS350D, AS350D1, AS355E, AS355F, AS355F1, AS355F2, AS355N, AS355NP helicopters, and Model AS350B3 helicopters that do not have MOD 07 5601 installed, the NPRM also proposed to require checking the bearings after the last flight of each day and replacing the bearings if there is an extrusion, a crack, or separation. The proposed requirements were intended to prevent vibration due to a failed bearing, failure of the tail rotor, and

subsequent loss of control of the helicopter.

The NPRM was prompted by Emergency AD No. 2012-0257-E, dated December 5, 2012 (EAD 2012-0257-E) issued by the European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Union. EASA EAD 2012-0257-E advises of premature failures of bearings on AS350B3 helicopters, and states that the criticality of the bearing failures should apply to all AS355 and AS350 helicopters. As a result, EAD 2012-0257-E requires repetitive post-flight checks of the bearings.

EASA then superseded EAD 2012-0217-E with EASA AD No. 2013-0029, dated February 8, 2013 (AD 2013-0029), to correct an unsafe condition for Eurocopter Model AS 350 B3 helicopters modified by MOD 07 5601, except for helicopters modified by MOD 07 5606 in production. EASA advises that MOD 07 5606 restores the tail rotor dynamic load level to that on helicopters before installation of MOD 07 5601 and eliminates the modified loading conditions of bearings which caused the intensified deterioration and reported failures. For these reasons, EASA AD 2013-0029 requires incorporation of MOD 07 5606 as a terminating action.

Since we issued the NPRM, Eurocopter France has changed its name to Airbus Helicopters. This AD reflects that change and updates the contact information to obtain service documentation.

**Comments**

We gave the public the opportunity to participate in developing this AD, but we did not receive any comments on the NPRM (78 FR 58256, September 23, 2013).

**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 helicopter of these same type designs and that air safety and the public interest require adopting the AD requirements as proposed, except for the minor change previously described and formatting changes. These changes are consistent with the intent of the proposals in the NPRM (78 FR 58256, September 23,

2013) and will not increase the economic burden on any operator nor increase the scope of the AD.

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

The EASA AD requires removing the placard and RFM changes with the true airspeed limitation (TAS) and replacing it with an indicated airspeed limitation. Since AD 2012-25-04 did not include the TAS limitation, this AD does not require removing it.

**Related Service Information**

We reviewed Eurocopter Service Bulletin (SB) No. AS350-01.00.66, Revision 1, dated February 15, 2013 (SB AS350-01.00.66), which describes procedures for removing the additional chin weights installed on the tail rotor, installing a load compensator, and modifying the electrical system installation, to reduce the dynamic loads on the tail rotor. Eurocopter refers to the procedures in this SB as MOD 07 5606. SB AS350-01.00.66 only applies to helicopters with MOD 07 5601 installed.

We reviewed one Eurocopter Emergency Alert Service Bulletin (EASB) with two numbers: No. 01.00.65 for the Model AS350B3 helicopters and No. 01.00.24 for the non-FAA type certificated Model AS550C3 helicopters (EASB 01.00.65). EASB 01.00.65 is Revision 3, dated February 4, 2013. EASB 01.00.65 specifies installing a placard on the instrument panel and revising the RFM to limit airspeed to 100 knots IAS, revising the RFM to include a procedure in case of in-flight vibrations originating in the tail rotor and an "engine health check," checking the bearings after each flight, and performing a one-time inspection of the bearings. EASB 01.00.65 does not apply to helicopters with MOD 07 5606 installed.

We also reviewed one Eurocopter EASB with four numbers: No 05.00.71 for Model AS350B, BA, BB, D, B1, B2, B3, and the non-FAA type certificated L1 helicopters; No. 05.00.63 for Model AS355E, F, F1, F2, N, and NP helicopters; No. 05.00.46 for the non-FAA type certificated Model AS550A2, C2, C3, and U2 helicopters; and No. 05.00.42 for the non-FAA type certificated Model AS555AF, AN, SN, UF, and UN helicopters (EASB 05.00.71). EASB 05.00.71 is Revision 2, dated December 19, 2012. EASB 05.00.71 specifies procedures for checking the bearings for deterioration or damage after the last flight of each day. EASB 05.00.71 does not apply to helicopters with MOD 07 5601 installed.

We also reviewed Eurocopter SB No. AS350–64.00.11, Revision 0, dated December 19, 2012 (SB AS350–64.00.11), which describes procedures for modifying the tail rotor chin weight support to prevent interference with the bearings. The manufacturer refers to the procedures in this SB as MOD 07 6604. SB AS350–64.00.11 only applies to helicopters with MOD 07 5601 installed.

**Costs of Compliance**

We estimate that the pilot checks of the bearings in this AD will affect 938 helicopters of U.S. Registry, and that 50 helicopters will be affected by the remaining requirements. The cost for the pilot checks is minimal.

We estimate that operators may incur the following costs in order to comply with this AD. At an average labor rate of \$85 per hour, installing a placard and revising the RFM requires about .5 work-hour, for a cost per helicopter of \$43 and a total cost to U.S. operators of \$2,150. Disassembling and inspecting the bearings requires about 6 work-hours, for a cost per helicopter of \$510 and a total cost to U.S. operators of \$25,500. Modifying the chin weight support requires about 8 work-hours, for a cost per helicopter of \$680, and a total cost to U.S. operators of \$34,000. Removing the additional chin weights installed on the tail rotor, modifying the rotating pitch-change spider assembly, installing a load compensator, and modifying the electrical system installation requires about 200 work-hours, and required parts will cost \$18,343, for a cost per helicopter of \$35,343, and a total cost to U.S. operators of \$1,767,150.

If necessary, replacing the bearings installed on the aircraft requires about 6 work-hours, at an average labor rate of \$85, and required parts will cost \$2,415, for a cost per helicopter of \$2,925.

**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 have 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 above, 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, 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.

**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 removing Airworthiness Directive (AD) 2012–25–04, Amendment 39–17285 (78 FR 24041, April 24, 2013), and adding the following new (AD):

**2014–05–10 Airbus Helicopters (Type Certificate Previously Held By Eurocopter France):** Amendment 39–17783; Docket No. FAA–2013–0822; Directorate Identifier 2013–SW–004–AD.

**(a) Applicability**

This AD applies to Model AS350B, AS350BA, AS350B1, AS350B2, AS350B3 (except AS350B3 helicopters with modification (MOD) 07 5606 installed), AS350C, AS350D, AS350D1, AS355E, AS355F, AS355F1, AS355F2, AS355N, and AS355NP helicopters, certificated in any category.

**(b) Unsafe Condition**

This AD defines the unsafe condition as severe vibrations due to failure of laminated half-bearings (bearings). This condition could result in failure of the tail rotor and subsequent loss of control of the helicopter.

**(c) Affected AD**

This AD supersedes AD No. 2012–25–04, Amendment 39–17285 (78 FR 24041, April 24, 2013).

**(d) Effective Date**

This AD becomes effective May 2, 2014.

**(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 Action**

- (1) For Model AS350B3 helicopters with MOD 07 5601 installed:

**Note 1 to paragraph (f) of this AD:** MOD 075601 is an integral part of a specific Model AS350B3 configuration, commercially identified as “AS350B3e” and is not fitted on Model AS350B3 helicopters of other configurations.

- (i) Before further flight:

(A) Install a velocity never exceed (V<sub>NE</sub>) placard that reads as follows on the instrument panel in full view of the pilot and co-pilot with 6-millimeter red letters on a white background:

VNE LIMITED TO 100 KTS IAS.

(B) Replace the IAS limit versus the flight altitude placard located inside the cabin on the center post with the placard as depicted in Figure 1 to paragraph (f) of this AD:

VNE POWER ON	
Hp (ft)	IAS (kts)
0 .....	100
2000 .....	97
4000 .....	94
6000 .....	91
8000 .....	88
10000 .....	85
12000 .....	82
14000 .....	79
16000 .....	76
18000 .....	73
20000 .....	70
22000 .....	67

Valid for VNE POWER OFF	
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Figure 1 to paragraph (f)

- (ii) Before further flight, revise the Rotorcraft Flight Manual (RFM) by inserting a copy of this AD into the RFM or by making pen and ink changes as follows:

(A) Revise paragraph 2.3 of the RFM by inserting the following:

VNE limited to 100 kts IAS.

(B) Revise paragraph 2.6 of the RFM by inserting Figure 2 to paragraph (f) of this AD.

<b>VNE POWER ON</b>	
<b>Hp (ft)</b>	<b>IAS (kts)</b>
0 .....	100
2000 .....	97
4000 .....	94
6000 .....	91
8000 .....	88
10000 .....	85
12000 .....	82
14000 .....	79
16000 .....	76
18000 .....	73
20000 .....	70
22000 .....	67
<b>Valid for VNE POWER OFF</b>	

Figure 2 to paragraph (f)

(C) Add the following as paragraph 3.3.3 to the RFM:

3.3.3 IN-FLIGHT VIBRATIONS FELT IN THE PEDALS

Symptom:

IN-FLIGHT VIBRATIONS FELT IN THE PEDALS

1. CHECK PEDAL EFFECTIVENESS
2. SMOOTHLY REDUCE THE SPEED TO VY
3. AVOID SIDESLIP AS MUCH AS POSSIBLE

LAND AS SOON AS POSSIBLE

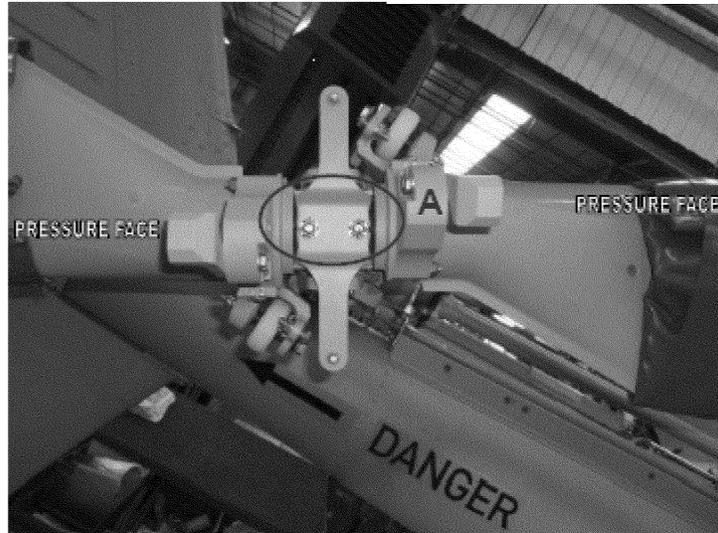
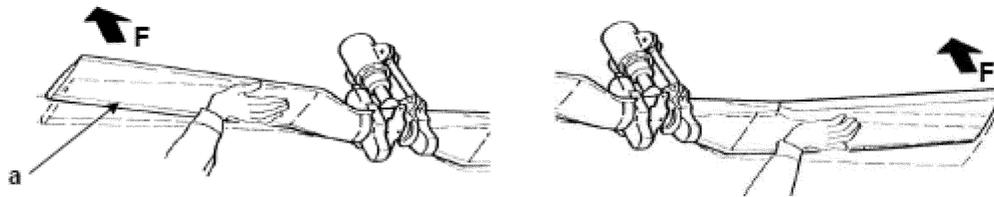
(iii) Before further flight, and thereafter after each flight, without exceeding 3 hours time-in-service (TIS) between two checks, visually check each bearing as follows:

(A) Position both tail rotor blades horizontally.

(B) Apply load (F) by hand, perpendicular to the pressure face of one tail rotor blade (a), as shown in Figure 3 to paragraph (f) of this AD, taking care not to reach the extreme position against the tail rotor hub. The load will deflect the tail rotor blade towards the tail boom.

(C) While maintaining the load, check all the visible faces of the bearings (front and side faces) in area B of DETAIL A of Figure 3 to paragraph (f) of this AD for separation between the elastomer and metal parts, a crack in the elastomer, or an extrusion (see example in Figure 4 to paragraph (f) of this AD). A flashlight may be used to enhance the check.

**BILLING CODE 4910-13-P**



DETAIL A

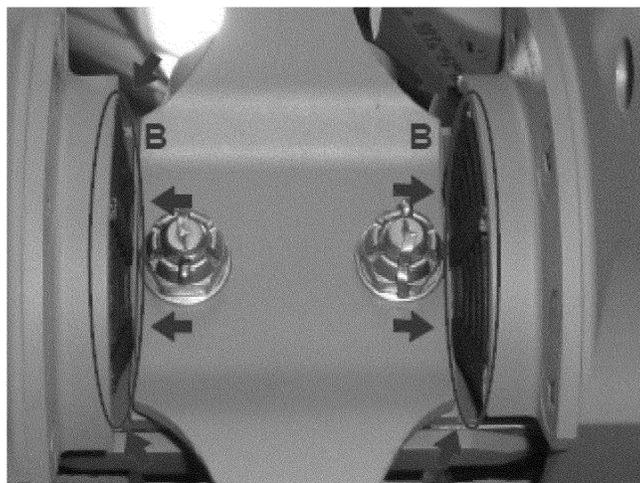


Figure 3 to paragraph (f)

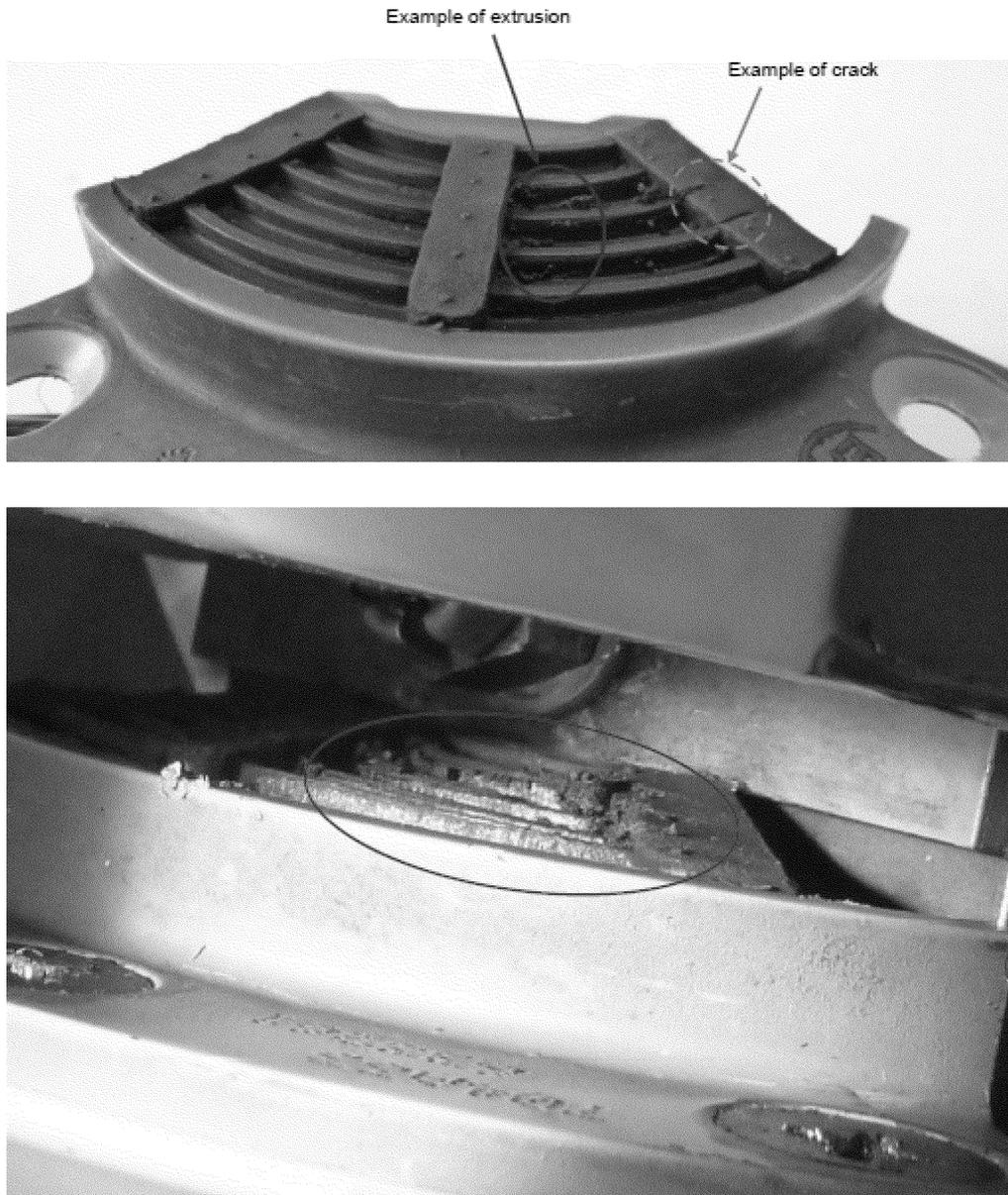


Figure 4 to paragraph (f)

(D) Repeat paragraphs (f)(1)(iii)(A) through (f)(1)(iii)(C) of this AD on the other tail rotor blade.

(E) Apply load (G) by hand perpendicular to the suction face of one tail rotor blade as shown in Figure 5 to paragraph (f) of this AD.

The load will deflect the tail rotor blade away from the tail boom.

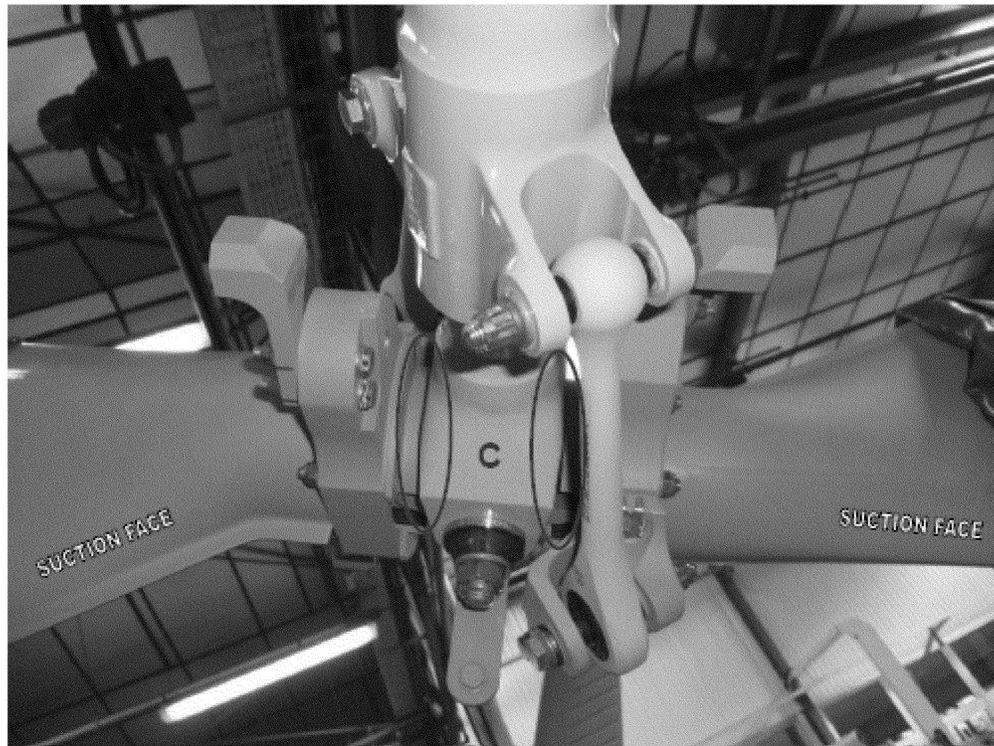
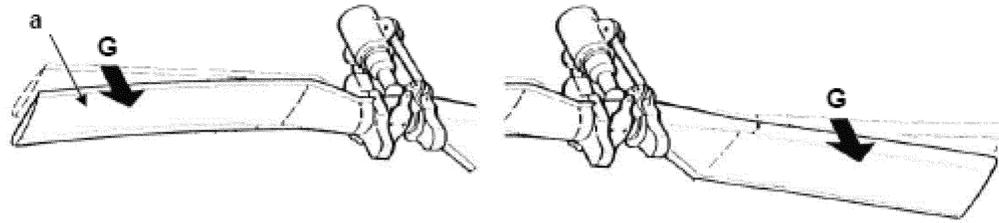


Figure 5 to paragraph (f)

(F) While maintaining the load, check visible faces of Area C as shown in Figure 5 to paragraph (f) of this AD for any extrusion. A flashlight may be used to enhance the check.

(G) Repeat paragraphs (f)(1)(iii)(E) and (f)(1)(iii)(F) of this AD on the other tail rotor blade.

(iv) The actions required by paragraphs (f)(1)(iii)(A) through (f)(1)(iii)(G) 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 14 CFR §§ 43.9 (a)(1)–(4) 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.

(v) If there is an extrusion on any bearing, before further flight, replace the four bearings with airworthy bearings.

(vi) If there is a separation or a crack on the pressure side bearing, measure the separation or the crack. If the separation or crack is greater than 5 millimeters (.196 inches) as indicated by dimension “L” in Figure 6 to paragraph (f) of this AD, before further flight, replace the four bearings with airworthy bearings.

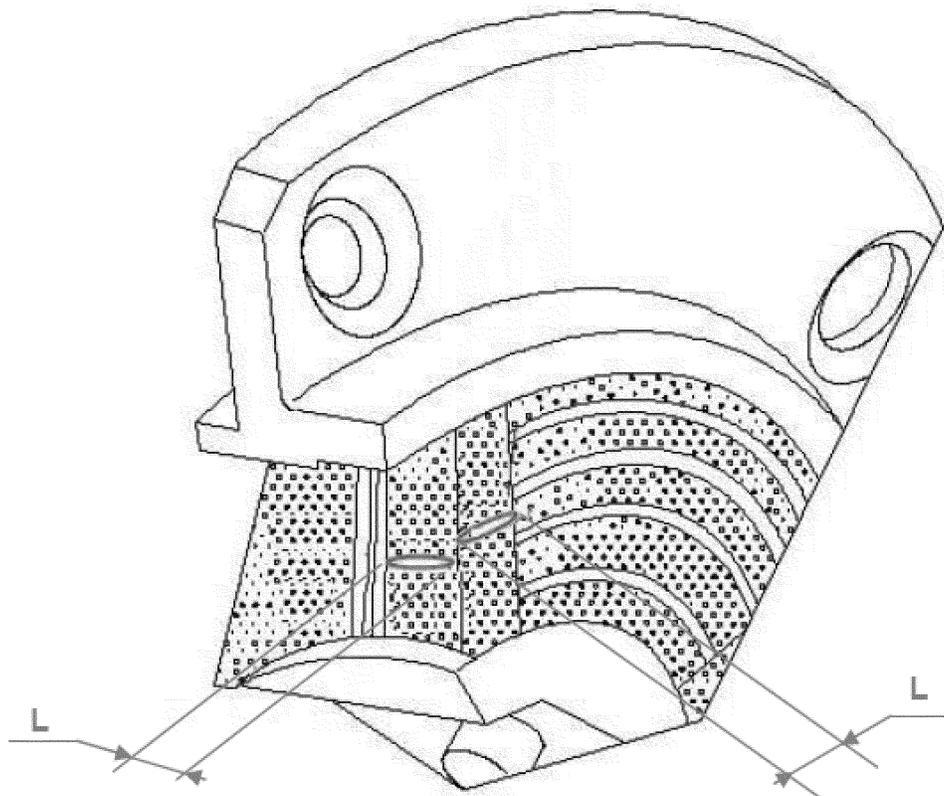


Figure 6 to paragraph (f)

**BILLING CODE 4910-13-C**

(vii) No later than after the last flight of the day, perform a one-time inspection by removing the bearings and inspecting for a separation, a crack, or an extrusion. This inspection is not a daily inspection. If there is a separation, crack, or extrusion, before further flight, replace the four bearings with airworthy bearings.

(viii) Within 130 hours TIS:

(A) Modify the chin weight support as described in the Accomplishment Instructions, paragraphs 3.B.2.a through 3.B.2.h, of Eurocopter Service Bulletin (SB) No. AS350-64.00.11, Revision 0, dated December 19, 2012.

(B) Remove the additional chin weights, install blanks on the chin weights, replace bearings with more than 5 hours TIS, and re-identify the blade assembly as described in the Accomplishment Instructions, paragraph

3.B.2.a., of Eurocopter SB No. AS350-01.00.66, Revision 1, dated February 15, 2013 (SB AS350-01.00.66).

(C) Modify and re-identify the rotating pitch-change spider assembly as described in the Accomplishment Instructions, paragraph 3.B.2.b., of SB AS350-01.00.66.

(D) Install a load compensator as described in the Accomplishment Instructions, paragraph 3.B.3.b., of SB AS350-01.00.66.

(E) Modify the electrical installation as described in the Accomplishment Instructions, section 3.B.4., of SB AS350-01.00.66.

**Note 2 to paragraph (f) of this AD:** The manufacturer refers to the actions in paragraphs (f)(1)(viii)(B) through (f)(1)(viii)(E) of this AD as MOD 07 5606.

(ix) After modification of a helicopter as required by paragraphs (f)(1)(viii)(A) through

(f)(1)(viii)(E) of this AD, the actions of paragraph (f)(1)(iii) through (f)(1)(vii) of this AD are no longer required and the operating limitation placards and RFM procedures required by paragraphs (f)(1)(i) through (f)(1)(ii)(C) of this AD may be removed.

(2) For Model AS350B, AS350BA, AS350B1, AS350B2, AS350C, AS350D, AS350D1, AS355E, AS355F, AS355F1, AS355F2, AS355N, AS355NP helicopters, and Model AS350B3 helicopters that do not have MOD 07 5601 installed:

(i) No later than after the last flight of the day, and thereafter during each last flight of the day check, without exceeding 10 hours TIS between two checks, visually check each bearing as described in paragraphs (f)(1)(iii)(A) through (f)(1)(vi) of this AD.

(ii) If there is an extrusion on any bearing, before further flight, replace the bearing with an airworthy bearing.

(iii) If there is a separation or a crack on the bearing, measure the separation or the crack. If the separation or crack is greater than 5 mm (.196 inches) as indicated by dimension "L" and greater than 2 mm (.078 inches) as indicated by dimension "P" in Figure 3 of Eurocopter Emergency Alert Service Bulletin (EASB) No. 05.00.71 or No. 05.00.63, both Revision 2 and both dated December 19, 2012, as applicable to your model helicopter, before further flight, replace the bearing.

#### (g) Credit for Actions Previously Completed

Actions accomplished before the effective date of this AD in accordance with Emergency AD No. 2012-21-51, dated October 19, 2012, or AD No. 2012-25-04, Amendment 39-17285 (78 FR 24041, April 24, 2013) are considered acceptable for compliance with the corresponding actions of this AD.

#### (h) Special Flight Permits

Special flight permits are prohibited.

#### (i) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Safety Management Group, FAA, may approve AMOCs for this AD. Send your proposal to: Robert Grant, Aviation Safety Engineer, Safety Management Group, FAA, 2601 Meacham Blvd., Fort Worth, Texas 76137; telephone (817) 222-5328; email [robert.grant@faa.gov](mailto:robert.grant@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.

#### (j) Additional Information

(1) Eurocopter EASB No. 01.00.65 and No. 01.00.24, both Revision 3 and both dated February 4, 2013, which are co-published as one document and which are not incorporated by reference, contain additional information about the subject of this AD. For this service information, contact Airbus Helicopters, Inc., 2701 N. Forum Drive, Grand Prairie, TX 75052; telephone (972) 641-0000 or (800) 232-0323; fax (972) 641-3775; or at <http://www.airbushelicopters.com/techpub>. You may review this service information at the FAA, Office of the Regional Counsel, Southwest Region, 2601 Meacham Blvd., Room 663, Fort Worth, Texas 76137.

(2) The subject of this AD is addressed in European Aviation Safety Agency AD No. 2013-0029, dated February 8, 2013, which can be found on the Internet at <http://www.regulations.gov> in Docket number 2013-0822.

#### (k) Subject

Joint Aircraft Service Component (JASC)  
Code: 6400: Tail Rotor.

#### (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 the AD specifies otherwise.

(i) Eurocopter Service Bulletin No. AS350-64.00.11, Revision 0, dated December 19, 2012.

(ii) Eurocopter Service Bulletin No. AS350-01.00.66, Revision 1, dated February 15, 2013.

(iii) Eurocopter Emergency Alert Service Bulletin No. 05.00.71, Revision 2, dated December 19, 2012.

(iv) Eurocopter Emergency Alert Service Bulletin No. 05.00.63, Revision 2, dated December 19, 2012.

**Note 3 to paragraph (i)(2):** Eurocopter Emergency Alert Service Bulletin No. 05.00.71, Revision 2, dated December 19, 2012, and Eurocopter Emergency Alert Service Bulletin No. 05.00.63, Revision 2, dated December 19, 2012, are co-published as one document along with Eurocopter Emergency Alert Service Bulletin No. 05.00.46, Revision 2, dated December 19, 2012, and Eurocopter Emergency Alert Service Bulletin No. 05.00.42, Revision 2, dated December 19, 2012, which are not incorporated by reference in this AD.

(3) For Eurocopter service information identified in this AD, contact Airbus Helicopters, Inc., 2701 N. Forum Drive, Grand Prairie, TX 75052; telephone (972) 641-0000 or (800) 232-0323; fax (972) 641-3775; or at <http://www.airbushelicopters.com/techpub>.

(4) You may view this service information at FAA, Office of the Regional Counsel, Southwest Region, 2601 Meacham Blvd., Room 663, Fort Worth, Texas 76137. For information on the availability of this material at the FAA, call (817) 222-5110.

(5) You may view this service information that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call (202) 741-6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued in Fort Worth, Texas, on February 20, 2014.

#### Lance T. Gant,

Acting Directorate Manager, Rotorcraft Directorate, Aircraft Certification Service.

[FR Doc. 2014-06769 Filed 3-27-14; 8:45 am]

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## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. FAA-2011-1253; Directorate Identifier 2011-NM-079-AD; Amendment 39-17723; AD 2013-26-14]

RIN 2120-AA64

#### Airworthiness Directives; Airbus Airplanes

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

**ACTION:** Final rule.

**SUMMARY:** We are superseding Airworthiness Directive (AD) 2008-08-04 for certain Airbus Model A318, A319, A320, and A321 series airplanes. AD 2008-08-04 required repetitive inspections for cracking in the forward lug of the support rib 5 fitting of the left and right main landing gear (MLG), and repair or replacement of any cracked MLG fitting if necessary. AD 2008-08-04 also required modification of the rib bushings of the left and right MLG, which ended the repetitive inspections. This new AD requires, for airplanes on which certain modifications or repairs have been done, repetitive inspections for cracks of the forward lug of each left-hand and right-hand MLG support rib 5 fitting, and repair if necessary; and adds Model A318 series airplanes to the applicability. Replacement of an MLG support rib 5 fitting terminates the repetitive inspection requirements for the MLG support rib 5 fitting at that position. This AD was prompted by reports of cracks found in the forward lug of the MLG support rib 5 fitting. We are issuing this AD to prevent cracking in the forward lug of the MLG, which could result in failure of the lug and consequent collapse of the MLG during takeoff or landing.

**DATES:** This AD becomes effective May 2, 2014.

The Director of the Federal Register approved the incorporation by reference of certain publications listed in this AD as of May 2, 2014.

The Director of the Federal Register approved the incorporation by reference of a certain other publication listed in this AD as of May 19, 2008 (73 FR 19975, April 14, 2008).

**ADDRESSES:** You may examine the AD docket on the Internet at <http://www.regulations.gov/>

[#!docketDetail;D=FAA-2011-1253](http://www.regulations.gov/#!docketDetail;D=FAA-2011-1253); or in person at the U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room