FEDERAL AVIATION ADMINISTRATION
AIRWORTHINESS DIRECTIVES

SMALL AIRPLANES, ROTORCRAFT, GLIDERS, BALLOONS, & AIRSHIPS

BIWEEKLY 2021-11

5/10/2021 - 5/23/2021

Federal Aviation Administration
Continued Operational Safety Policy Section, AIR-141
P.O. Box 25082
Oklahoma City, OK 73125-0460

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AD No.	Information	Manufacturer	Applicability

Information Key: E – Emergency; COR – Correction; R – Replaces, A – Affects

Biweekly 2021-01

2020-26-10		Leonardo S.p.a.	A119 and AW119 MKII
2020-26-13		Sikorsky Aircraft Corporation	S-92A
2020-26-14	R 75-16-20	Mitsubishi Heavy Industries, Ltd.	MU-2B, MU-2B-10, MU-2B-15, MU-2B-20, MU-2B-25, MU-2B-26, MU-2B-26A, MU-2B-30, MU-2B-35, MU-2B-36, MU-2B-36A, MU-2B-40, and MU-2B-60

Biweekly 2021-02

2020-26-16		Piper Aircraft, Inc.	PA-28-151, PA-28-161, PA-28-181, PA-28-235, PA-28R-180, PA-28R-200, PA-28R-201, PA-28R-201T, PA-28RT-201, PA-28RT-201T, PA-32-260, PA-32-300, PA-32R-300, PA-32RT-300, and PA-32RT-300T

Biweekly 2021-03

2021-01-02		M7 Aerospace LLC	SA26-AT and SA26-T

Biweekly 2021-04

2021-02-20		Hélicoptères Guimbal	Cabri G2
2021-04-04	R 2020-19-02	Airbus Helicopters	SA330J
2021-04-06		Pilatus Aircraft Ltd.	PC-7

Biweekly 2021-05

2020-26-19		Pilatus Aircraft Ltd.	PC-7
2021-01-05		Pilatus Aircraft Ltd.	PC-24
2021-02-03		Leonardo S.p.a	AW189
2021-02-04		Pilatus Aircraft Ltd.	PC-12/47E
2021-03-01	R 2018-05-09	Airbus Helicopters	AS332C, AS332C1, AS332L, AS332L1, and SA330J
2021-03-04		Airbus Helicopters Deutschland GmbH	EC135P1, EC135P2, EC135P2+, EC135P3, EC135T1, EC135T2, EC135T2+, and EC135T3
2021-03-06		Airbus Helicopters	SA-365N, SA-365N1, AS-365N2, AS 365 N3, EC 155B, and EC155B1
2021-03-07		Leonardo S.p.a.	AB139 and AW139
2021-03-13		Bell Textron Canada Limited	429
2021-03-15	R 2020-13-02	Leonardo S.p.a.	A119 and AW119 MKII
2021-03-16		Airbus Helicopters	AS350B, AS350B1, AS350B2, AS350B3, AS350BA, AS350D, AS355E, AS355F, AS355F1, AS355F2, AS355N, and AS355NP
2021-04-03		Pilatus Aircraft Ltd.	PC-24
2021-04-07		Piper Aircraft, Inc.	PA-46-350P; PA-46-500TP; PA-46R-350T
2021-04-08		Airbus Helicopters	AS350B3
2021-05-52	E	Bell Textron Canada Limited	505

Biweekly 2021-06

2021-02-01	R 2015-26-01	Airbus Helicopters	AS332C, AS332C1, AS332L, AS332L1, AS332L2, EC225LP, AS-365N2, AS 365 N3, EC 155B and EC155B1
2021-02-08	R 2018-19-01	Airbus Helicopters	AS-365N2, AS 365 N3, EC 155B, EC155B1, SA-365N, SA-365N1, and SA-366G1
2021-02-09		Airbus Helicopters	EC 155B and EC155B1
2021-02-11		Airbus Helicopters Deutschland GmbH	MBB-BK117 A-1, MBB-BK117 A-3, MBB-BK117 A-4, MBB-BK117 B-1, MBB-BK117 B-2, MBB-BK117 C-1, and MBB-BK117 C-2
2021-04-01		Leonardo S.p.a.	AB139 and AW139
2021-04-10		Textron Aviation, Inc.	208 and 208B
2021-04-12		Robinson Helicopter Company	R66
2021-04-13		Airbus Helicopters	AS350B, AS350BA, AS350B1, AS350B2, AS350B3, and AS350D; AS355E, AS355F, AS355F1, AS355F2, AS355N, and AS355NP; EC130 B4 and EC130 T2
2021-04-15		Airbus Helicopters	AS355E, AS355F, AS355F1, AS355F2, AS355N, and AS355NP; AS350B3
2021-04-16		Sikorsky Aircraft Corporation	S-92A
2021-04-17		Airbus Helicopters	AS350B, AS350BA, AS350B1, AS350B2, AS350D, AS355E, AS355F, AS355F1, AS355F2, and AS355N
2021-04-18	R 2020-23-02	Airbus Helicopters	EC225LP

AD No.	Information	Manufacturer	Applicability
Information Key: E – Emergency; COR – Correction; R – Replaces, A – Affects			
2021-04-19		Bell Textron Inc.	205B
2021-05-01		Airbus Helicopters	SA330J
2021-05-02		Airbus Helicopters	AS350B, AS350BA, AS350B1, AS350B2, AS350B3, AS350C, and AS350D; AS355E, AS355F, AS355F1, AS355F2, AS355N, and AS355NP; EC130B4 and EC130T2
2021-05-04		Leonardo S.p.a.	A109S and AW109SP
2021-05-05	R 2016-23-05	Airbus Helicopters	SA-365N1, AS-365N2, AS 365 N3, SA-366G1, EC 155B, and EC155B1
2021-05-07		Airbus Helicopters Deutschland GmbH	BO-105A, BO-105C, and BO-105S; MBB-BK 117 A-1, MBB-BK 117 A-3, MBB-BK 117 A-4, MBB-BK 117 B-1, MBB-BK 117 B-2, and MBB-BK 117 C-1
2021-05-08		Safran Helicopter Engines, S.A.	Arriel 2C, 2C1, 2S1, and 2S2
2021-05-09	R 2018-15-02	Airbus Helicopters	AS350B, AS350B1, AS350B2, AS350B3, AS350BA, AS355E, AS355F, AS355F1, AS355F2, AS355N, and AS355NP
2021-05-22		Safran Helicopter Engines, S.A.	Arriel 1B, Arriel 1C, Arriel 1C2, and Arriel 1D1; Astazou XIV B and Astazou XIV H
Biweekly 2021-07			
2021-05-06		Airbus Helicopters	AS332C, AS332C1, AS332L, AS332L1, AS332L2, EC 155B, EC155B1, EC225LP, and SA330J
2021-05-13		Leonardo S.p.a	AW189
2021-05-14		Air Tractor, Inc.	AT-250, AT-300, AT-301, AT-302, AT-400, AT-400A, AT-401, AT-401A, AT-401B, AT402, AT-402A, AT-402B, AT-501, AT-502, AT-502A, AT-502B, AT-503, AT-503A, AT-504, AT-602, AT-802, and AT-802A
2021-05-17	R 2019-12-09	Rockwell Collins, Inc.	Flight Display System Application FDSA-6500
2021-06-02		Airbus Helicopters	AS332L, AS332L1, AS332C, and AS332C1
2021-06-06	R 2021-05-52	Bell Textron Canada Limited	505
2021-07-05	R 2007-26-52	Leonardo S.p.a.	A109C, A109E, and A109K2
2021-07-08	R 97-26-02	Airbus Helicopters Deutschland GmbH	BO-105A, BO-105C, BO-105S, BO-105LS A-1, and BO-105LS A-3
Biweekly 2021-08			
2021-04-21		Airbus Helicopters	EC120B
2021-05-15	A 2019-09-03	Airbus Helicopters	AS332C, AS332C1, AS332L, and AS332L1
2021-05-19		Sikorsky Aircraft and Sikorsky Aircraft Corporation	S-61L, S-61N, S-61NM, and S-61R; S-61A, S-61D, S-61E, and S-61V
2021-05-21	R 2017-23-08	Leonardo S.p.a.	AB139 and AW139
2021-06-01		Pilatus Aircraft Ltd.	PC-24
2021-06-05	R 2017-07-08	Airbus Helicopters Deutschland GmbH	MBB-BK 117 D-2
2021-07-07		Airbus Helicopters	EC 155B and EC155B1
2021-07-12		Airbus Helicopters Deutschland GmbH	EC135P1, EC135P2, EC135P2+, EC135P3, EC135T1, EC135T2, EC135T2+, and EC135T3
2021-07-13		Pacific Scientific Company	rotary buckle assembly
2021-07-15	R 82-20-05	Airbus Helicopters	AS350B, AS350B1, AS350B2, AS350B3, AS350BA, AS350C, AS350D, AS350D1, AS355E, AS355F, AS355F1, AS355F2, AS355N, and AS355NP
2021-08-07		Rockwell Collins, Inc.	GPS-4000S
Biweekly 2021-09			
2021-07-16		Leonardo S.p.a.	AB412
2021-08-06	R 97-06-10	Textron Aviation Inc.	76
2021-08-15		Garmin International	GMN-00962 GTS
2021-08-18	R 2021-04-16	Sikorsky Aircraft Corporation	S-92A
2021-09-02	R 2021-04-07	Piper Aircraft, Inc.	PA-46-350P (Malibu Mirage), PA-46R-350T (Malibu Matrix), and PA-46-500TP (Malibu Meridian)
2021-09-04		Austro Engine GmbH	E4 and E4P
2021-09-07	R 2019-17-02	Airbus Helicopters Deutschland GmbH	EC135P1, EC135P2, EC135P2+, EC135P3, EC135T1, EC135T2, EC135T2+, and EC135T3
2021-09-09		Uninsured United Parachute Technologies, LLC	Vector 3 SE

AD No.	Information	Manufacturer	Applicability

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Biweekly 2021-10

2021-08-05		Airbus Helicopters	SA341G and SA342J
2021-08-16		PZL Swidnik S.A.	W-3A
2021-08-17		Airbus Helicopters	AS332L2
2021-09-05	R 2016-08-20	Airbus Helicopters	EC130B4 and EC130T2
2021-10-08		Bell Textron Canada Limited	206L, 206L-1, 206L-3, and 206L-4

Biweekly 2021-11

2021-08-02		Safran Helicopter Engines, S.A.	Arriel 2D and Arriel 2E
2021-09-14	R 2010-16-51	Airbus Helicopters	SA330J
2021-10-01		Leonardo S.p.a.	AW169
2021-10-03	R 2019-03-12	Airbus Helicopters	EC225LP
2021-10-10		Airbus Helicopters	SA330J
2021-10-14	A 2016-25-14	Airbus Helicopters Deutschland GmbH	BO-105A, BO-105C, BO-105S, and BO-105LS A-3
2021-10-24	R 2015-25-04	Leonardo S.p.a.	A109A and A109A II

2021-08-02 Safran Helicopter Engines, S.A. (Type Certificate previously held by Turbomeca, S.A.): Amendment 39-21496; Docket No. FAA-2020-1038; Project Identifier MCAI-2020-00569-E.

(a) Effective Date

This airworthiness directive (AD) is effective June 21, 2021.

(b) Affected ADs

None.

(c) Applicability

This AD applies to all Safran Helicopter Engines, S.A. (Safran) (Type Certificate previously held by Turbomeca, S.A.) Arriel 2D and Arriel 2E model turboshaft engines.

(d) Subject

Joint Aircraft System Component (JASC) Code 7250, Turbine Section.

(e) Unsafe Condition

This AD was prompted by the manufacturer revising the maintenance and overhaul manuals to introduce new or more restrictive airworthiness limitations and maintenance tasks. The FAA is issuing this AD to prevent failure of the engine. The unsafe condition, if not addressed, could result in uncontained release of a critical part, damage to the engine, and damage to the helicopter.

(f) Compliance

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

(g) Required Actions

(1) Replace each critical part before reaching the in-service life limits specified in paragraph 1.C., "Table of authorized in-service life limits for the ARRIEL 2D," or "Table of authorized in-service life limits for the ARRIEL 2E," Chapter 05-10-00 of the Safran ARRIEL Maintenance Manual (MM) for that engine.

(2) Before reaching the periodicity specified in paragraph 1., "Tables of Mandatory Maintenance Tasks," table D., "Scheduled inspection," Chapter 05-10-00 of the Safran ARRIEL MM for that engine, perform all maintenance tasks specified in table D.

(3) When the engine meets the conditions specified in paragraph 1., "Tables of Mandatory Maintenance Tasks," table E., "Unscheduled inspection," Chapter 05-10-00 of the Safran ARRIEL MM for that engine, perform the maintenance tasks specified in table E.

(4) If, during performance of the maintenance tasks required by paragraph (g)(2) or (3) of this AD, a discrepancy is found, as defined in the applicable airworthiness limitation section (ALS), perform the corrective actions specified in paragraph 1., "Tables of Mandatory Maintenance Tasks," table D., "Scheduled inspection," or table E. "Unscheduled inspection," Chapter 05-10-00 of the Safran ARRIEL MM for the engine.

(5) If no compliance time is identified in Chapter 05-10-00 of the Safran ARRIEL MM, perform the corrective action before further flight.

(h) Exception to Paragraphs (g)(2) and (3)

Where the applicable Safran ARRIEL MM chapters provide instructions to send the Module 03 to a Safran Helicopter Engines-approved repair center, the operator may choose to send the Module 03 to any FAA-approved repair center capable of performing the required actions.

(i) Mandatory Terminating Action

As terminating action to the requirements in paragraph (g) of this AD, within 365 days after the effective date of this AD, revise the ALS of the existing approved aircraft maintenance program (AMP) by incorporating:

(i) Task 05-10-00-150-801-A01, "Airworthiness Limitations–
General," from the applicable Safran ARRIEL MM chapter.

(ii) Task 05-10-00-200-801-A01, "Airworthiness Limitations–
Authorized In-Service Life Limits," from the applicable Safran ARRIEL MM chapter.

(iii) Task 05-10-10-200-801-A01, "Airworthiness Limitations–
Tables of Mandatory Maintenance Tasks," from the applicable Safran ARRIEL MM chapter.

(j) Definitions

(1) For the purpose of this AD, a "critical part" is a part identified in paragraph 1.C., "Table of authorized in-service life limits for the ARRIEL 2D," or "Table of authorized in-service life limits for the ARRIEL 2E," Chapter 05-10-00 of the Safran ARRIEL MM for that engine.

(2) For the purpose of this AD, the "Chapter 05-10-00 of the Safran ARRIEL MM" is:

(i) Chapter 05-10-00 of Safran Aircraft Engines ARRIEL 2D MM No. X292 R1 450 2, Update No. 20, dated June 15, 2020; or

(ii) Chapter 05-10-00 of Safran Aircraft Engines ARRIEL 2E MM No. X292 R2 300 2, Update No. 16, dated June 15, 2020.

(3) For the purpose of this AD, the "approved maintenance program" is defined as the basis for which the operator ensures the continuing airworthiness of each operated helicopter.

(k) Credit for Previous Actions

(1) For affected Safran Arriel 2D model turboshaft engines, you may take credit for revising the ALS of the existing approved AMP that is required by paragraph (i) of this AD if you incorporated the tasks before the effective date of this AD using Chapter 05-10-00 of Safran ARRIEL 2D MM No. X292 R1 450 2, Update No. 19, dated December 30, 2019.

(2) For affected Safran Arriel 2E model turboshaft engines, you may take credit for revising the ALS of the existing approved AMP that is required by paragraph (i) of this AD if you incorporated the tasks before the effective date of this AD using Chapter 05-10-00 of Safran ARRIEL 2E MM No. X292 R2 300 2, Update No. 15, dated December 30, 2019.

(l) Alternative Methods of Compliance (AMOCs)

(1) The Manager, ECO Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 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 certification office, send it to the attention of the person identified in Related Information. You may email your request to: ANE-AD-AMOC@faa.gov.

(2) Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office.

(m) Related Information

(1) For more information about this AD, contact Wego Wang, Aviation Safety Engineer, ECO Branch, FAA, 1200 District Avenue, Burlington, MA 01803; phone: (781) 238-7134; fax: (781) 238-7199; email: wego.wang@faa.gov.

(2) Refer to European Union Aviation Safety Agency (EASA) AD 2018-0273, dated December 13, 2018, for more information. You may examine the EASA AD in the AD docket at https://www.regulations.gov by searching for and locating it in Docket No. FAA-2020-1038.

(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) Section 05-10-00, Airworthiness Limitations, of Chapter 05, Airworthiness Limitations–Frequencies–Inspections, of the Safran Helicopter Engines ARRIEL 2D Maintenance Manual, Volume 1, No. X 292 R1 450 2, Update No. 20, dated June 15, 2020.

(ii) Section 05-10-00, Airworthiness Limitations, of Chapter 05, Airworthiness Limitations–Frequencies–Inspections, of the Safran Helicopter Engines ARRIEL 2E Maintenance Manual, Volume 1, No. X 292 R2 300 2, Update No. 16, dated June 15, 2020.

(3) For service information identified in this AD, contact Safran Helicopter Engines, S.A., 64511 Bordes–Cedex, France; phone: (33) 05 59 74 40 00; fax: (33) 05 59 74 45 15.

(4) You may view this service information at FAA, Airworthiness Products Section, Operational Safety Branch, 1200 District Avenue, Burlington, MA 01803. For information on the availability of this material at the FAA, call (781) 238-7759.

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

Issued on May 11, 2021.
Lance T. Gant,
Director, Compliance & Airworthiness Division, Aircraft Certification Service.
[FR Doc. 2021-10310 Filed 5-14-21; 8:45 am]

2021-09-14 Airbus Helicopters (Type Certificate Previously Held by Eurocopter France): Amendment 39-21528; Docket No. FAA-2021-0092; Project Identifier MCAI-2020-01501-R.

(a) Effective Date

This airworthiness directive (AD) is effective June 22, 2021.

(b) Affected Airworthiness Directives (ADs)

This AD removes AD 2010-16-51, Amendment 39-16410 (75 FR 53857, September 2, 2010).

(c) Applicability

This AD applies to Airbus Helicopters (type certificate previously held by Eurocopter France) Model SA330J helicopters, certificated in any category, with main gearbox (MGB) oil cooling fan (fan) rotor shaft bearings (both rear and front) part number (P/N) 704A33651114 (manufacturer P/N (MP/N) 205FFTX74K6-G33) or P/N 704A33651268 (MP/N 594918), installed.

(d) Subject

Joint Aircraft System Component (JASC) Code 6322; Main Gearbox Oil Cooler.

(e) Reason

This AD was prompted by the development of an improved MGB fan rotor shaft bearing design. The FAA is issuing this AD to prevent rotor burst of the MGB fan, damage to the hydraulic lines and flight controls, and subsequent loss of 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, European Union Aviation Safety Agency (EASA) AD 2020-0171, dated July 28, 2020 (EASA AD 2020-0171).

(h) Exceptions to EASA AD 2020-0171

(1) Where EASA AD 2020-0171 refers to its effective date, this AD requires using the effective date of this AD.

(2) The “Remarks” section of EASA AD 2020-0171 does not apply to this AD.

(3) Where EASA AD 2020-0171 refers to flight hours (FH), this AD requires using hours time-in-service.

(4) Where EASA AD 2020-0171 requires measuring for play, this AD requires measuring the gap between each MGB fan rotor blade and the upper section of the guide vane bearing housing.

(5) Where "The ASB" service information referenced in EASA AD 2020-0171 specifies to return certain parts to Airbus Helicopters, this AD requires removing those parts from service instead.

(6) While "The ASB" service information referenced in EASA AD 2020-0171 specifies completing the response form in Appendix 4, this AD does not contain that requirement.

(i) No Reporting Requirement

Although the service information referenced in EASA AD 2020-0171 specifies to submit certain information to the manufacturer, this AD does not include that requirement.

(j) Special Flight Permit

Special flight permits, as described in 14 CFR 21.197 and 21.199, are not allowed.

(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 Mahmood Shah, Aerospace Engineer, Certification Section, Fort Worth ACO Branch, FAA, 10101 Hillwood Pkwy., Fort Worth, TX 76177; telephone (817) 222-5538; email Mahmood.g.shah@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 2020-0171, dated July 28, 2020.

(ii) [Reserved]

(3) For EASA AD 2020-0171, contact 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-2021-0092.

(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 April 22, 2021.
Lance T. Gant,
Director, Compliance & Airworthiness Division, Aircraft Certification Service.
[FR Doc. 2021-10393 Filed 5-17-21; 8:45 am]

2021-10-01 Leonardo S.p.a.: Amendment 39-21534; Docket No. FAA-2021-0344; Project Identifier MCAI-2021-00381-R.

(a) Effective Date

This airworthiness directive (AD) is effective June 2, 2021.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Leonardo S.p.a. Model AW169 helicopters, certificated in any category, with automatic flight control system (AFCS) software part number (P/N) 6F2210AS0102 or previous versions installed.

(d) Subject

Joint Aircraft Service Component (JASC) Code: 2200, Auto Flight System.

(e) Unsafe Condition

This AD was prompted by false simultaneous in-flight disengagement of AFCS channels 1 and 2. The FAA is issuing this AD to address concurrent disengagement of those AFCS channels resulting from the activation of specific AFCS modes combined with the unavailability of hybrid ground speed data at take-off. The unsafe condition, if not addressed, could result in temporary loss of control of the helicopter and subsequent damage to the helicopter or injury to occupants.

(f) Compliance

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

(g) Required Actions

(1) Within 15 hours time-in-service (TIS) after the effective date of this AD, revise the Limitations Section of the existing Rotorcraft Flight Manual (RFM) for your helicopter by adding the information in Figure 1 to paragraph (g)(1) of this AD. Inserting a different document with information identical to the information in Figure 1 to paragraph (g)(1) of this AD is acceptable for compliance with the requirements of this paragraph. This action may be performed by the owner/operator (pilot) holding at least a private pilot certificate and must be entered into the aircraft records showing compliance with this AD in accordance with § 43.9(a)(1) through (4) and § 91.417(a)(2)(v). The record must be maintained as required by § 91.417, § 121.380, or § 135.439.

AFCS MODE LIMITATIONS

If "F" symbol is displayed next to groundspeed readout (GS) at the bottom of the IAS tape on PFD, APP/NAV AFCS modes must not be used when the navigation source is VOR/ILS/LOC. Therefore VOR navigation and VOR/ILS/LOC approaches must not be coupled to AFCS but are allowed if manually flown by the pilot.

NOTE

The "F" symbol displayed next to groundspeed readout (GS) is due to:
- ADAHRS/GPS degradation
or
- "DG" mode selection

In both cases the groundspeed (GS) data source is FMS instead of GPS.

Figure 1 to Paragraph (g)(1)

(2) Within 100 hours TIS after the effective date of this AD:

(i) Install AFCS software P/N 6F2210AS0103 by following Section 3., the Accomplishment Instructions, paragraph 3., of Leonardo Helicopters Alert Service Bulletin No. 169-064, dated August 9, 2017, and concurrently

(ii) Remove the RFM revision required by paragraph (g)(1) of this AD.

(h) Special Flight Permits

If AFCS software P/N 6F2210AS0102 or a previous version is installed, VOR navigation and VOR/ILS/LOC approaches coupled to AFCS are prohibited; VOR navigation and VOR/ILS/LOC approaches are allowed if manually flown by the pilot.

(i) 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 (j)(1) 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.

(j) Related Information

(1) For more information about this AD, contact Hal Jensen, Aerospace Engineer, Operational Safety Branch, Compliance & Airworthiness Division, FAA, 950 L'Enfant Plaza N SW, Washington, DC 20024; telephone (202) 267-9167; email hal.jensen@faa.gov.

(2) The subject of this AD is addressed in European Aviation Safety Agency (now European Union Aviation Safety Agency) (EASA) AD 2017-0156, dated August 24, 2017. You may view the EASA AD on the internet at https://www.regulations.gov in Docket No. FAA-2021-0344.

(k) Material Incorporated by Reference

(1) The Director of the Federal Register approved the incorporation by reference 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) Leonardo Helicopters Alert Service Bulletin No. 169-064, dated August 9, 2017.

(ii) [Reserved]

(3) For service information identified in this AD, contact Leonardo S.p.A. Helicopters, Emanuele Bufano, Head of Airworthiness, Viale G.Agusta 520, 21017 C.Costa di Samarate (Va) Italy; telephone +39-0331-225074; fax +39-0331-229046; or at https://www.leonardocompany.com/en/home.

(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.

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

Issued on April 26, 2021.

Lance T. Gant,

Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2021-10398 Filed 5-17-21; 8:45 am]

2021-10-03 Airbus Helicopters: Amendment 39-21536; Docket No. FAA-2021-0020; Project Identifier MCAI-2020-01639-R.

(a) Effective Date

This airworthiness directive (AD) is effective June 22, 2021.

(b) Affected ADs

This AD replaces AD 2019-03-12, Amendment 39-19564 (84 FR 8250, March 7, 2019) (AD 2019-03-12).

(c) Applicability

This AD applies to Airbus Helicopters Model EC225LP helicopters, all manufacturer serial numbers, certificated in any category, equipped with emergency life rafts installed in the multi-purpose sponsons.

(d) Subject

Joint Aircraft System Component (JASC) Code 2564, Life Raft.

(e) Reason

This AD was prompted by reports of jammed bellcranks in the life raft inflation cylinder percussion system. The FAA is issuing this AD to address jammed bellcranks in the life raft jettison inflation cylinder percussion system. This condition could result in failure of a life raft to release in an emergency and subsequent injury to occupants.

(f) Compliance

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

(g) Definitions

For the purposes of this AD, the definitions specified in paragraphs (g)(1) through (4) of this AD apply.

(1) Group 1: Helicopters that have an affected part installed.

(2) Group 2: Helicopters that do not have an affected part installed. A helicopter that embodies Airbus Helicopters Modification 07 28457 in production is a Group 2 helicopter, provided the helicopter remains in that configuration.

(3) Affected part: Life raft release bell cranks part number (P/N) 332A41-4396-20 (left-hand (LH) side) and P/N 332A41-4396-21 (right-hand (RH) side).

(4) Serviceable part: Life raft release bell cranks P/N 332A41-4396-22 (LH) and P/N 332A41-4396-23 (RH).

(h) Retained Repetitive Actions, With Specified Helicopter Group and New Note

This paragraph restates the requirements of paragraph (e) of AD 2019-03-12, with a specified helicopter group and new Note 1. For Group 1: Before further flight, and thereafter at intervals not to exceed 6 months:

(1) Clean each bellcrank and pivot link and inspect each bellcrank hole for corrosion. If there is any corrosion in a bellcrank hole:

(i) Remove the corrosion without exceeding a maximum depth of 0.1 millimeter (0.004 inch).

(ii) Clean each pivot link using 400-grain abrasive paper.

(iii) Apply corrosion protectant (Alodine 1200 or equivalent) to each bellcrank hole.

(2) Lubricate each bellcrank hole with grease before assembling the bellcrank.

Note 1 to paragraph (h): Airbus Helicopters Emergency Alert Service Bulletin No. 05A050, Revision 0, dated July 22, 2016; and Airbus Helicopters Emergency Alert Service Bulletin No. 05A050, Revision 1, dated April 3, 2019; specify procedures for cleaning and lubricating each bellcrank and pivot link of the life raft inflation cylinder percussion system and removing any corrosion.

(i) New Requirement of This AD: Bellcrank Replacement

For Group 1: Within 6 months after the effective date of this AD, or before the next operation over water, whichever occurs first, replace each affected bellcrank with a serviceable part, as defined in paragraph (g)(4) of this AD, in accordance with Paragraph 3.B.2. of the Accomplishment Instructions of Airbus Helicopters Alert Service Bulletin EC225-25A211, Revision 1, dated October 23, 2019; except where the service information specifies to remove and scrap certain parts, this AD requires removing those parts from service instead.

(j) Terminating Action for Repetitive Actions Required by Paragraph (h) of This AD

Accomplishment of the bellcrank replacement required by paragraph (i) of this AD is terminating action for the repetitive actions required by paragraph (h) of this AD for that helicopter only.

(k) Parts Installation Limitation

(1) For Group 1: After the replacement required by paragraph (i) of this AD is done, only a serviceable part, as defined in paragraph (g)(4) of this AD, is allowed to be installed on that helicopter.

(2) For Group 2: As of the effective date of this AD, only a serviceable part, as defined in paragraph (g)(4) of this AD, is allowed to be installed on any helicopter.

(l) Special Flight Permit

Special flight permits, as described in 14 CFR 21.197 and 21.199, are not allowed.

(m) 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 (n)(2) 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.

(n) Related Information

(1) Refer to Mandatory Continuing Airworthiness Information (MCAI) European Union Aviation Safety Agency (EASA) AD 2019-0287, dated November 27, 2019, for related information. This MCAI may be found in the AD docket on the internet at https://www.regulations.gov by searching for and locating Docket No. FAA-2021-0020.

(2) For more information about this AD, contact Blaine Williams, Aviation Safety Engineer, Los Angeles ACO Branch, 3960 Paramount Boulevard, Lakewood, CA 90712 4137; telephone 562-627-5371; email blaine.williams@faa.gov.

(3) Service information identified in this AD that is not incorporated by reference is available at the addresses specified in paragraphs (o)(3) and (4) of this AD.

(o) Material Incorporated by Reference

(1) The Director of the Federal Register approved the incorporation by reference 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) Airbus Helicopters Alert Service Bulletin EC225-25A211, Revision 1, dated October 23, 2019.

(ii) [Reserved]

(3) For service information identified in this AD, 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.

(4) You may view this service information at 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.

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

Issued on April 27, 2021.

Gaetano A. Sciortino,

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

[FR Doc. 2021-10397 Filed 5-17-21; 8:45 am]

2021-10-10 Airbus Helicopters: Amendment 39-21543; Docket No. FAA-2021-0105; Project Identifier MCAI-2020-01422-R.

(a) Effective Date

This airworthiness directive (AD) is effective June 24, 2021.

(b) Affected Airworthiness Directives (ADs)

None.

(c) Applicability

This AD applies to all Airbus Helicopters Model SA330J helicopters, certificated in any category.

(d) Subject

Joint Aircraft System Component (JASC) Code 6320, Main Rotor Gearbox.

(e) Reason

This AD was prompted by a failure of a second stage planet gear installed in the main gearbox (MGB). The FAA is issuing this AD to address failure of an MGB second stage planet gear, which could result in failure of the MGB and subsequent loss of 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, European Aviation Safety Agency (now European Union Aviation Safety Agency) (EASA) AD 2018-0272, dated December 13, 2018 (EASA AD 2018-0272).

(h) Exceptions to EASA AD 2018-0272

(1) Where EASA AD 2018-0272 refers to its effective date, this AD requires using the effective date of this AD.

(2) Where EASA AD 2018-0272 refers to March 30, 2018 (the effective date of EASA AD 2018-0065, dated March 23, 2018), this AD requires using the effective date of this AD.

(3) The "Remarks" section of EASA AD 2018-0272 does not apply to this AD.

(4) Where EASA AD 2018-0272 refers to flight hours (FH), this AD requires using hours time-in-service.

(5) Where paragraph (1) of EASA AD 2018-0272 specifies to inspect the MGB particle detector "in accordance with the instructions of Section 3 of the ASB" for this AD use "in accordance with the instructions in step 3.B.2.a. of the ASB."

(6) Where paragraph (2) of EASA AD 2018-0272 specifies to inspect the MGB bottom housing (oil sump) "in accordance with the instructions of Section 3 of the ASB" for this AD use "in accordance with the instructions in step 3.B.2.b. of the ASB."

(7) Where the service information referenced in EASA AD 2018-0272 specifies to perform a metallurgical analysis and contact the manufacturer if unsure about the characterization of the particles collected, this AD does not require contacting the manufacturer to determine the characterization of the particles collected.

(8) Although the service information referenced in EASA AD 2018-0272 specifies that if any 16NCD13 particles are found to contact the manufacturer and send a 1-liter sample of oil to the manufacturer, this AD does not require that action.

(9) Although the service information referenced in EASA AD 2018-0272 specifies returning certain parts to the manufacturer, this AD does not require that action.

(10) Where EASA AD 2018-0272 specifies actions be done after the last flight of the day or "ALF," this AD requires doing those actions before the first flight of the day.

(11) Although the service information referenced in EASA AD 2018-0272 specifies discarding certain parts, this AD requires removing the parts from service.

(i) Special Flight Permit

Special flight permits may be issued in accordance with 14 CFR 21.197 and 21.199 to operate the helicopter to a location where the helicopter can be modified (if the operator elects to do so), provided that the helicopter is operated during the day, under visual flight rules, and with no passengers onboard.

(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 Mahmood G. Shah, Aviation Safety Engineer, Fort Worth ACO Branch, FAA, 10101 Hillwood Pkwy., Fort Worth, TX 76177; phone: 817-222-5538; email: mahmood.g.shah@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 Aviation Safety Agency (EASA) AD 2018-0272, dated December 13, 2018.

(ii) [Reserved]

(3) For EASA AD 2018-0272, contact the EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; phone: +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-2021-0105.

(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 May 3, 2021.

Gaetano A. Sciortino,

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

[FR Doc. 2021-10608 Filed 5-19-21; 8:45 am]

2021-10-14 Airbus Helicopters Deutschland GmbH: Amendment 39-21547; Docket No. FAA-2021-0143; Product Identifier 2019-SW-024-AD.

(a) Effective Date

This airworthiness directive (AD) is effective June 24, 2021.

(b) Affected ADs

This AD affects AD 2016-25-14, Amendment 39-18740 (81 FR 94944, December 27, 2016) (AD 2016-25-14).

(c) Applicability

This AD applies to Airbus Helicopters Deutschland GmbH Model BO-105A, BO-105C, BO-105S, and BO-105LS A-3 helicopters, certificated in any category, equipped with a tension torsion strap (TT-strap) as identified in European Aviation Safety Agency (now European Union Aviation Safety Agency) (EASA) AD 2019-0024, dated February 4, 2019 (EASA AD 2019-0024).

(d) Subject

Joint Aircraft System Component (JASC) Code 6200, Main Rotor System.

(e) Reason

This AD was prompted by the FAA's determination that aging of the elastomeric material in a TT-strap could affect the structural characteristics of the TT-strap. The FAA is issuing this AD to address aging of the elastomeric material in a TT-strap, which could lead to premature failure of a TT-strap, resulting in loss of 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 2019-0024.

(h) Exceptions to EASA AD 2019-0024

(1) Where EASA AD 2019-0024 refers to its effective date, this AD requires using the effective date of this AD.

(2) The “Remarks” section of EASA AD 2019-0024 does not apply to this AD.

(3) Where EASA AD 2019-0024 and the service information referenced in EASA AD 2019-0024 specify contacting Airbus Helicopters Deutschland if the storage time for a TT-strap is equal to or greater than 5 years, this AD requires repair using a method approved by the Manager, International Validation Branch, FAA. For a repair method to be approved by the Manager, International Validation Branch, as required by this paragraph, the Manager's approval letter must specifically refer to this AD.

(4) Although the service information referenced in EASA AD 2019-0024 specifies to scrap certain parts, this AD requires removing those parts from service instead.

(5) Where paragraph (1) of EASA AD 2019-0024 specifies to replace each Lord TT-Strap and Bendix TT-Strap "in accordance with the instructions of the applicable ASB," the replacement must be done using FAA-approved procedures.

(6) Where EASA AD 2019-0024 refers to the airworthiness limitations items of the airworthiness limitations section of the aircraft maintenance manual (AMM) for the definition of service life limit (SLL), this AD requires using the life limits specified in paragraphs (h)(6)(i) through (iii) of this AD, as applicable:

(i) For Bendix TT-Strap part number (P/N) 2604067 and P/N 117-14110: Before 10 years or 40,000 flight cycles on the part, whichever occurs first.

(ii) For Bendix TT-Strap P/N 2602559 and P/N 2606576: Before 10 years, 2,400 hours time-in-service, or 40,000 flight cycles on the part, whichever occurs first.

(iii) For Lord TT-Strap P/N J17322-1 and P/N 117-14111: Before 12 years or 40,000 flight cycles on the part, whichever occurs first.

(7) Where paragraph (3) of EASA AD 2019-0024 specifies that installation of a Lord TT-Strap is allowed provided the first flight of that helicopter after that installation is accomplished before the storage life of that Lord TT-Strap exceeds 5 years, for this AD, the installation of a Lord TT-Strap is allowed provided the first flight of that helicopter after that installation is accomplished before 5 years since the TT-strap's date of manufacture.

(8) Where EASA AD 2019-0024 defines "serviceable part" as a Lord TT-Strap having a storage life not exceeding 5 years, for this AD, a serviceable part is Lord TT-straps P/N J17322-1 and P/N 117-14111 having less than 5 years since that TT-strap's date of manufacture.

(9) Where EASA AD 2019-0024 specifies that the "cure date" of a TT-Strap can be determined using the information provided in the applicable service information specified in EASA AD 2019-0024, or contacting Airbus Helicopters for applicable instructions, for this AD, the option of contacting Airbus Helicopters is not required.

(i) Repetitive Replacement

After accomplishing the replacement specified in paragraph (1) of EASA AD 2019-0024, thereafter, replace the Lord TT-straps P/N J17322-1 and P/N 117-14111, at intervals not to exceed: Before 12 years or 40,000 flight cycles on the part, whichever occurs first.

(j) Terminating Action for AD 2016-25-14

For Model B0-105LS A-3 helicopters: After accomplishing the replacement specified in paragraph (1) of EASA AD 2019-0024 all of the actions required by AD 2016-15-14 are terminated for that helicopter only.

(k) Special Flight Permit

Special flight permits, as described in 14 CFR 21.197 and 21.199, are not allowed.

(l) 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 (m) 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.

(m) Related Information

For more information about this AD, contact Blaine Williams, Aviation Safety Engineer, Los Angeles ACO Branch, 3960 Paramount Boulevard, Lakewood, CA 90712 4137; telephone 562-627-5371; email blaine.williams@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 this AD specifies otherwise.

(i) European Aviation Safety Agency (EASA) AD 2019-0024, dated February 4, 2019.

(ii) [Reserved]

(3) For EASA AD 2019-0024, 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-2021-0143.

(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 April 30, 2021.

Lance T. Gant,

Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2021-10605 Filed 5-19-21; 8:45 am]

2021-10-24 Leonardo S.p.a (Type Certificate Previously Held by Agusta S.p.A.): Amendment 39-21557; Docket No. FAA-2021-0127; Project Identifier MCAI-2020-00829-R.

(a) Effective Date

This airworthiness directive (AD) is effective June 18, 2021.

(b) Affected ADs

This AD replaces AD 2015-25-04, Amendment 39-18342 (80 FR 76381, December 9, 2015).

(c) Applicability

This AD applies to Leonardo S.p.a. (Type Certificate previously held by Agusta S.p.A.) Model A109A and A109A II helicopters, certificated in any category, with a slider assembly pitch control (slider) part number (P/N) 109-0130-11-7 installed, except those sliders marked with an "R" after the serial number.

(d) Subject

Joint Aircraft Service Component (JASC) Code: 6720, Tail Rotor Control System.

(e) Unsafe Condition

This AD defines the unsafe condition as play on a slider. This condition could result in loss of tail rotor pitch control and consequently loss of helicopter control.

(f) Compliance

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

(g) Required Actions

(1) Within 25 hours time-in-service (TIS) after the effective date of this AD, and thereafter at intervals not to exceed 25 hours TIS, inspect the slider for play. If there is play greater than 2.3 millimeters (0.09 inch), before further flight, replace the slider with a slider P/N 109-0130-11-7 with suffix "R" marked after the serial number.

(2) Within 800 hours TIS after the effective date of this AD, if not previously required per paragraph (g)(1) of this AD, replace slider P/N 109-0130-11-7 with slider P/N 109-0130-11-7 with suffix "R" marked after the serial number.

(3) Installing slider P/N 109-0130-11-7 with suffix "R" marked after the serial number is a terminating action for the repetitive inspections required by paragraph (g)(1) of this AD.

(4) As of the effective date of this AD, do not install slider P/N 109-0130-11-7 on any helicopter unless the slider is marked with suffix "R" after the serial number.

(h) 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 (i)(1) 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.

(i) Related Information

(1) For more information about this AD, contact Matthew Fuller, AD Program Manager, Operational Safety Branch, Airworthiness Products Section, General Aviation & Rotorcraft Unit, telephone (817) 222-5110; email matthew.fuller@faa.gov.

(2) Leonardo Helicopters Alert Service Bulletin No. 109-149, Revision A, dated May 18, 2020, which is not incorporated by reference, contains additional information about the subject of this AD. For service information identified in this AD, contact Leonardo S.p.a. Helicopters, Emanuele Bufano, Head of Airworthiness, Viale G.Agusta 520, 21017 C.Costa di Samarate (Va) Italy; telephone +39-0331-225074; fax +39-0331-229046; or at https://www.leonardocompany.com/en/home. 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 information on the availability of this material at the FAA, call (817) 222-5110.

(3) The subject of this AD is addressed in European Union Aviation Safety Agency (EASA) AD 2020-0142, dated June 25, 2020. You may view the EASA AD at https://www.regulations.gov in Docket No. FAA-2021-0127.

Issued on May 6, 2021.

Lance T. Gant,

Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2021-10191 Filed 5-13-21; 8:45 am]