FEDERAL AVIATION ADMINISTRATION
AIRWORTHINESS DIRECTIVES

SMALL AIRCRAFT, ROTORCRAFT, GLIDERS
BALLOONS, AIRSHIPS, AND UAS

BIWEEKLY 2024-14

07/01/2024 - 07/14/2024

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

SMALL AIRCRAFT

AD No.	Information	Manufacturer	Applicability

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

Biweekly 2024-01

2023-26-03		WACO Classic Aircraft Corporation	2T-1A-2
2024-01-52	E	Hélicoptères Guimbal	CABRI G2

Biweekly 2024-02

2024-01-03	R 2023-01-07	GE Aviation Czech s.r.o.	H75-100, H75-200, H80, H80-100, H80-200, H85-100, H85-200
2024-02-55	E	Bell Textron Canada Limited	505

Biweekly 2024-03

2024-01-11		Pacific Scientific Company Airbus Helicopters	Rotary Buckle Assembly
2024-01-52	R 2023-24-51	Hélicoptères Guimbal	CABRI G2

Biweekly 2024-04

2024-02-01		Airbus Helicopters	EC225LP
2024-02-04	R 2021-13-07	GE Aviation Czech s.r.o.	M601E-11, M601E-11A, M601E-11AS, M601E-11S
2024-04-51	E	Pratt & Whitney Canada Corp.	PT6A-64, PT6A-66, PT6A-66A, PT6A-66B, PT6A-66D, PT6A-67, PT6A-67A, PT6A-67AF, PT6A-67AG, PT6A-67B, PT6A-67D, PT6A-67F, PT6A-67P, PT6A-67R, PT6A-67RM, PT6A-67T, PT6A-68, PT6A-68D, PT6E-66XT, PT6E-67XP

Biweekly 2024-05

2024-02-55		Bell Textron Canada Limited	505
2024-04-02		Robinson Helicopter Company	R22, R22 ALPHA, R22 BETA, R22 MARINER, R44, R44 II, R66
2024-04-10		Airbus Helicopters Deutschland GmbH (AHD)	EC135P1, EC135P2, EC135P2+, EC135P3, EC135T1, EC135T2+/EC635T2+, EC135T3, EC635T2+, EC135T2
2024-05-01		Austro Engine GmbH	E4, E4P
2024-05-51	E	General Electric Company Delta Enterprise LLC Heliqwest International Inc. Pickering Aviation Inc. SIXTYHAWK TC LLC CAPITOL HELICOPTERS INC Central Copters Inc. Sikorsky Aircraft Corporation ACE Aeronautics LLC Billings Flying Service Inc. Blackhawk Mission Equipment Carson Helicopters Inc. High Performance Helicopters Corp.	CT7-2E1, CT7-2F1, CT7-8A, CT7-8E, CT7-8F5, EH-60A, HH-60L, S-70, S-70A, S-70C, S-70C(M), S-70C(M1), S-70M, UH-60A, CT7-8, CT7-2D, CT7-2D1

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		Northwest Rotorcraft LLC PJ Helicopters Inc Reeder Flying Service Inc. SKYDANCE BLACKHAWK OPERATIONS LLC Timberline Helicopters Inc. Unical Air Inc.	CT7-2E1, CT7-2F1, CT7-8A, CT7-8E, CT7-8F5, EH-60A, HH-60L, S-70, S-70A, S-70C, S-70C(M), S-70C(M1), S-70M, UH-60A, CT7-8, CT7-2D, CT7-2D1
Biweekly 2024-06			
2024-03-05	A 2021-13-07 A 2022-13-16 A 2022-14-12 A2023-01-10	GE Aviation Czech s.r.o.	M601D-11, M601E-11, M601E-11A, M601E-11AS, M601E-11S, M601F
2024-04-01		Airbus Helicopters Deutschland GmbH (AHD)	EC135P1, EC135P2, EC135P2+, EC135P3, EC135T1, EC135T2, EC135T2+, EC135T3, MBB-BK 117 C-2, MBB-BK 117 D-2, MBB-BK 117 D-3
2024-04-05		Leonardo S.p.a.	AB412, AB412 EP
2024-04-51		Pratt & Whitney Canada Corp.	PT6A-64, PT6A-66, PT6A-66A, PT6A-66B, PT6A-66D, PT6A-67, PT6A-67A, PT6A-67AF, PT6A-67AG, PT6A-67B, PT6A-67D, PT6A-67F, PT6A-67P, PT6A-67R, PT6A-67RM, PT6A-67T, PT6A-68D, PT6A-68, PT6E-67XP, PT6E-66XT
2024-05-51		General Electric Company Delta Enterprise Heliqwest International Inc. Pickering Aviation Inc. SIXTYHAWK TC LLC CAPITOL HELICOPTERS INC Central Copters Inc. Sikorsky Aircraft Corporation ACE Aeronautics LLC Billings Flying Service Inc. Blackhawk Mission Equipment Carson Helicopters High Performance Helicopters Corp. Northwest Rotorcraft LLC PJ Helicopters Inc Reeder Flying Service Inc. SKYDANCE BLACKHAWK OPERATIONS LLC Timberline Helicopters Inc. Unical Air Inc.	CT7-2E1, CT7-2F1, CT7-8A, CT7-8E, CT7-8F5, EH-60A, HH-60L, S-70, S-70A, S-70C, S-70C(M), S-70C(M1), S-70M, UH-60A
2024-06-51	E	General Electric Company Delta Enterprise Heliqwest International Inc. Pickering Aviation Inc. SIXTYHAWK TC LLC CAPITOL HELICOPTERS INC Central Copters Inc. Sikorsky Aircraft Corporation ACE Aeronautics LLC Billings Flying Service Inc. Blackhawk Mission Equipment Carson Helicopters High Performance Helicopters Corp. Northwest Rotorcraft LLC PJ Helicopters Inc Reeder Flying Service Inc.	CT7-2E1, CT7-2F1, CT7-8A, CT7-8E, CT7-8F5, EH-60A, HH-60L, S-70, S-70A, S-70C, S-70C(M), S-70C(M1), S-70M, UH-60A

SMALL AIRCRAFT

AD No.	Information	Manufacturer	Applicability

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

		SKYDANCE BLACKHAWK OPERATIONS LLC Timberline Helicopters Inc. Unical Air Inc.	CT7-2E1, CT7-2F1, CT7-8A, CT7-8E, CT7-8F5, EH-60A, HH-60L, S-70, S-70A, S-70C, S-70C(M), S-70C(M1), S-70M, UH-60A
Biweekly 2024-07			
2024-06-02		GE Aviation Czech s.r.o.	M601D-11, M601E-11, M601E-11A, M601E-11AS, M601E-11S, M601F
2024-07-51	E	Bell Textron Canada Limited	429
Biweekly 2024-08			
2024-05-06		Leonardo S.p.a.	AW169
2024-05-07		Leonardo S.p.a.	AW189
2024-06-51	R 2024-05-51	General Electric Company	CT7-2E1, CT7-2F1, CT7-8A, CT7-8E, CT7-8F5
2024-07-03		Diamond Aircraft Industries Inc	DA 62
Biweekly 2024-09			
2024-06-13	R 2022-21-15	Diamond Aircraft Industries GmbH	DA 42, DA 42 NG, DA 42 M-NG
2024-07-01		Hamilton Sundstrand Corporation	14SF- 7, 14SF-15, 14SF-23
2024-07-07	R 2010-18-06	GA 8 Airvan (Pty) Ltd	GA8, GA8-TC320
2024-08-03		Britten-Norman Aircraft Ltd.	BN-2, BN-2A, BN-2A-2, BN-2A-3, BN-2A-6, BN-2A-8, BN-2A-9, BN-2A-20, BN-2A-21, BN-2A-26, BN-2A-27, BN-2B-20, BN-2B-21, BN-2B-26, BN-2B-27, BN-2T, BN-2T-4R, BN2T-4S, BN2A MK. III, BN2A MK. III-2, BN2A MK. III-3
2024-08-07	R 2023-12-17	Pilatus Aircraft Ltd.	PC-12, PC-12/45, PC-12/47, PC-12/47E
Biweekly 2024-10			
No ADs			
Biweekly 2024-11			
2024-07-51		Bell Textron Canada Limited	429
2024-09-02		Leonardo S.p.a.	AW169
2024-10-04		Piper Aircraft Inc.	PA-28-181, PA-28R-201, PA-44-180, PA-34-220T (Seneca V)
Biweekly 2024-12			
2024-08-09		GA8 Airvan (Pty) Ltd	GA8, GA8-TC320
Biweekly 2024-13			

SMALL AIRCRAFT

AD No.	Information	Manufacturer	Applicability
Information Key: E- Emergency; COR - Correction; R - Replaces, A- Affects			
2024-10-02		Leonardo S.p.a.	AW189
2024-10-10		Airbus Helicopters	SA-365N, SA-365N1, AS-365N2, AS-365N3
2024-13-03		Lindstrand Balloons Ltd.	42A, 56A, 60A, 69A, 77A, 90A, 105A, 120A, 150A, 180A, 210A, 240A, 260A, 310A, 69B, 77B, 90B, 105B, Drinks Can
Biweekly 2024-14			
2024-10-08		Leonardo S.p.a.	AW189
2024-10-13		Airbus Helicopters	AS332C, AS332C1, AS332L, AS332L1, AS332L2, EC225LP

PART 39-AIRWORTHINESS DIRECTIVES

The authority citation for part 39 continues to read as follows:

[Amended]

The FAA amends §39.13 by adding the following new airworthiness directive:

2024-10-08 Leonardo S.p.a.: Amendment 39-22754; Docket No. FAA-2024-0236; Project Identifier MCAI-2022-00066-R.

(a) Effective Date

This airworthiness directive (AD) is effective August 13, 2024.

(b) Affected ADs

None.

(c) Applicability

This AD applies to all Leonardo S.p.a. Model AW189 helicopters, certificated in any category.

(d) Subject

Joint Aircraft System Component (JASC) Code: 3432, Glide slope system.

(e) Unsafe Condition

This AD was prompted by a report of abnormal oscillatory behavior during automated glide slope approaches, due to sealant on the glide slope (G/S) antenna coaxial connectors. The FAA is issuing this AD to detect and address sealant on or around the G/S antenna. The unsafe condition, if not addressed, could lead to erratic signals from the G/S antenna, which could result in reduced capability of the helicopter to perform safe automated approaches.

(f) Compliance

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

(g) Requirements

Except as specified in paragraphs (h) and (i) of this AD: Comply with all required actions and compliance times specified in, and in accordance with, European Union Aviation Safety Agency (EASA) AD 2022-0010, dated January 20, 2022 (EASA AD 2022-0010).

(h) Exceptions to EASA AD 2022-0010

(1) Where EASA AD 2022-0010 states “flight hours;” for this AD, replace that text with “hours time-in-service.”

(2) Where EASA AD 2022-0010 refers to its effective date, this AD requires using the effective date of this AD.

(3) Where paragraph (1) of EASA AD 2022-0010 states “in accordance with the instructions of Part I of the ASB;” for this AD, replace that text with “in accordance with the Accomplishment Instructions, Part I, paragraphs 4 and 5 of the ASB.”

(4) Where paragraph (2) of EASA AD 2022-0010 states “in accordance with the instructions of Part I of the ASB;” for this AD, replace that text with “in accordance with the Accomplishment Instructions, Part I, paragraphs 6.3 (including the two cautions above paragraph 6.3) through 6.5 (but not paragraphs 6.5.1 and 6.5.2) of the ASB.”

(5) Where paragraphs (4) and (5) of EASA AD 2022-0010 state “discrepancy;” for this AD, replace that text with “discrepancy, which is one or more “fail” results in the acceptance test procedure.”

(6) Where paragraphs (4) and (5) of EASA AD 2022-0010 state to “replace the/those affected parts with serviceable parts;” for this AD, replace that text with “remove the affected part, as defined in EASA AD 2022-0010, from service and replace it with a serviceable part, as defined in EASA AD 2022-0010. Thereafter, after installing a serviceable part, as defined in EASA AD 2022-0010, before further flight, accomplish an acceptance test procedure (ATP) in accordance with the instructions of Annex A of the ASB.”

(7) Where the service information referenced in EASA AD 2022-0010 specifies discarding existing hardware, this AD requires removing the existing hardware from service.

(8) Where paragraph (4) of EASA AD 2022-0010 states “in accordance with the instructions of Part I of the ASB;” for this AD, replace that text with “in accordance with the Accomplishment Instructions, Part I, paragraphs 9 through 11 of the ASB.”

(9) Where paragraph (5) of EASA AD 2022-0010 states “in accordance with the instructions of Part II of the ASB;” for this AD, replace that text with “in accordance with the Accomplishment Instructions, Part II, paragraphs 2 through 4 of the ASB.”

(10) This AD does not adopt the “Remarks” section of EASA AD 2022-0010.

(i) No Reporting Requirement

Although the service information referenced in EASA AD 2022-0010 specifies to submit certain information to the manufacturer, this AD does not include that requirement.

(j) Special Flight Permits

Special flight permits may be issued in accordance with and , provided there are no passengers, and no flights are performed under instrument flight rules (IFR).

(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 . In accordance with , 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: .

(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 Sungmo Cho, Aviation Safety Engineer, FAA, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; phone: (781) 238-7241; email: .

(m) 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 and .

(2) You must use this service information as applicable to do the actions required by this AD, unless the AD specifies otherwise.

(i) European Union Aviation Safety Agency (EASA) AD 2022-0010, dated January 20, 2022.

(ii) [Reserved]

(3) For EASA AD 2022-0010, contact EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; telephone +49 221 8999 000; email *;* internet *easa.europa.eu.* You may find the EASA material on the EASA website at *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.

(5) You may view this material at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, visit or email .

Issued on May 14, 2024.

James D. Foltz,

Deputy Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[Filed 7-8-24; 8:45 am]

BILLING CODE 4910-13-P

PART 39-AIRWORTHINESS DIRECTIVES

The authority citation for part 39 continues to read as follows:

[Amended]

The FAA amends §39.13 by adding the following new airworthiness directive:

2024-10-13 Airbus Helicopters: Amendment 39-22759; Docket No. FAA-2024-0042; Project Identifier MCAI-2023-00659-R.

(a) Effective Date

This airworthiness directive (AD) is effective August 13, 2024.

(b) Affected ADs

None.

(c) Applicability

This AD applies to all Airbus Helicopters Model AS332C, AS332C1, AS332L, AS332L1, AS332L2, and EC225LP helicopters, certificated in any category.

(d) Subject

Joint Aircraft Service Component (JASC) Code: 2821, Aircraft fuel filter/strainer.

(e) Unsafe Condition

This AD was prompted by a report of cracks on the fuel filter bowl (bowl) due to over-torquing. The FAA is proposing this AD to inspect for cracks and seepage on the bowl of the left-hand (LH) and right-hand (RH) fuel filter. The unsafe condition, if not addressed, could result in failure of the bowl, in-flight shutdown, and subsequent reduced control of the helicopter.

(f) Compliance

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

(g) Requirements

Except as specified in paragraphs (h) and (i) of this AD: Comply with all required actions and compliance times specified in, and in accordance with, European Union Aviation Safety Agency (EASA) AD 2023-0095, dated May 8, 2023 (EASA AD 2023-0095).

(h) Exceptions to EASA AD 2023-0095

(1) Where EASA AD 2023-0095 requires compliance in terms of flight hours, this AD requires using hours time-in-service.

(2) Where EASA AD 2023-0095 refers to its effective date, this AD requires using the effective date of this AD.

(3) Where paragraph (1) of EASA AD 2023-0095 requires an inspection “in accordance with the instructions of the applicable ASB,” for this AD, replace that text with, “in accordance with paragraph 3.B.2.a. of the applicable ASB, except you are not required to comply with paragraph 3.B.2.b or 3.B.3.”

(4) Where paragraph (2) of EASA AD 2023-0095 states “replace the affected part with a serviceable part in accordance with the instructions of the applicable ASB,” this AD requires replacing those words with “remove the affected part from service and replace it with a serviceable part.”

(5) Where the service information referenced in EASA AD 2023-0095 specifies to “make sure that there is no crack and no seepage on the bowls (a) of the RH and LH fuel filters (b),” this AD requires replacing those words with “Inspect for any crack and seepage on the bowls (a) of the RH and LH fuel filters (b).”

(6) Where the service information referenced in EASA AD 2023-0095 specifies “If there is a crack and/or a seepage on the bowls (a) of the RH and LH fuel filters (b), comply with paragraph 3.B.2.b.,” this AD requires replacing that text with “If there is a crack or seepage on the bowls (a) of the RH or LH fuel filter (b), before further flight, remove the affected part from service and replace with a serviceable part, as defined in EASA AD 2023-0095.”

(7) This AD does not adopt the “Remarks” section of EASA AD 2023-0095.

(i) No Reporting Requirement

Although the service information referenced in EASA AD 2023-0095 specifies to submit certain information and return parts to the manufacturer, this AD does not include those requirements.

(j) Special Flight Permit

Special flight permits are prohibited.

(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 . In accordance with , 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: .

(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 Dan McCully, Aviation Safety Engineer, FAA, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; phone (781) 238-7244; email .

(m) Material Incorporated by Reference

(1) The Director of the Federal Register approved the incorporation by reference of the material listed in this paragraph under and .

(2) You must use this material as applicable to do the actions required by this AD, unless the AD specifies otherwise.

(i) European Union Aviation Safety Agency (EASA) AD 2023-0095, dated May 8, 2023.

(ii) [Reserved]

(3) For EASA AD 2023-0095, contact EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; telephone +49 221 8999 000; email *;* internet *easa.europa.eu.* You may find the EASA material on the EASA website at *ad.easa.europa.eu.*

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

(5) You may view this material at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, visit or email .

Issued on May 17, 2024.

Victor Wicklund,

Deputy Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[Filed 7-8-24; 8:45 am]

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