FEDERAL AVIATION ADMINISTRATION
AIRWORTHINESS DIRECTIVES

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

BIWEEKLY 2024-13

06/17/2024 - 06/30/2024

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

SMALL AIRCRAFT

AD No.	Information	Manufacturer	Applicability

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

		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

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:

2024-10-02 Leonardo S.p.a.: Amendment 39-22747; Docket No. FAA-2024-0235; Project Identifier MCAI-2022-01376-R.

(a) Effective Date

This airworthiness directive (AD) is effective July 22, 2024.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Leonardo S.p.a. Model AW189 helicopters, certificated in any category, as identified in European Union Aviation Safety Agency (EASA) AD 2022-0214, dated October 21, 2022 (EASA AD 2022-0214).

(d) Subject

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

(e) Unsafe Condition

This AD was prompted by a report of an uncommanded deployment of the Emergency life-raft system (ELS), possibly due to an incorrect installation of its control cable. The FAA is issuing this AD to address unintended activation and deployment of the ELS. The unsafe condition, if not addressed, could result in unintended activation and deployment of the ELS in flight with possible impact on the rotors, resulting in 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, EASA AD 2022-0214.

(h) Exceptions to EASA AD 2022-0214

(1) Where EASA AD 2022-0214 refers to “flight hours,” this AD requires replacing those words with “hours time-in-service.”

(2) Where EASA AD 2022-0214 refers to its effective date, this AD requires using the effective date of this AD.

(3) Where the service information referenced in paragraph (1) of EASA AD 2022-0214 specifies taking pictures and completing the inspection report, this AD does not include those requirements.

(4) Where the service information referenced in paragraph (1) of EASA AD 2022-0214 states, “damage (*e. g.*, wear or bird caging)” or “damaged” when referring to the control cable that comes out from the sheath; for this AD, replace that text with, “damage, which may be indicated by wear, corrosion, a broken wire, a necked down section, a kink, bird-caging, a flattened area, abrasion, or gouging.”

(5) Where the service information referenced in paragraph (1) of EASA AD 2022-0214 states, “condition (no sign of damage, cracks or missing parts)” or “damaged” when referring to the break-away pin; for this AD, replace that text with, “damage, which may be indicated by wear, corrosion, nick, cracks, or distortion.”

(6) Where the service information referenced in paragraph (1) of EASA AD 2022-0214 states, “condition,” “damage/wear,” and “damages” when referring to the pulley cover; for this AD, replace that text with, “damage, which may be indicated by abrasion, cracks, punctures, cuts, corrosion, or distortion.”

(7) Where the service information referenced in paragraph (1) of EASA AD 2022-0214 specifies removing the pully cover in case it is not possible to properly inspect the whole cover; for this AD, removing the pulley cover to inspect the whole cover is required.

(8) Where the service information referenced in paragraph (1) of EASA AD 2022-0214 cautions that step 3.3 shall be performed by trained operators or by authorized service stations only, this AD does not include those cautions. For this AD, step 3.3 must be accomplished by persons authorized under .

(9) Where paragraph (2) of EASA AD 2022-0214 specifies “accomplish a check of the affected emergency life-raft assembly,” this AD requires replacing that text with “accomplish an emergency life-raft assembly inspection.”

(10) Where paragraph (4) of EASA AD 2022-0214 specifies “during the check of the emergency life-raft assembly as required by paragraph (2) of this AD,” this AD requires replacing that text with “during the life-raft assembly inspection as required by paragraph (2) of this AD.”

(11) Where paragraph (5) of EASA AD 2022-0214 specifies “before next flight after the check as required by paragraph (2) of this AD,” this AD requires replacing that text with “before next flight after the life-raft assembly inspection as required by paragraph (2) of this AD.”

(12) Where paragraph (5) of EASA AD 2022-0214 specifies to inform all flight crews and, thereafter, operate the helicopter accordingly, this AD does not require those actions.

(13) Where Table 1 of paragraph (5) of EASA AD 2022-0214 specifies “Within 120 days after accomplishment of the inspection as required by paragraph (1) of this AD”, this AD requires replacing that text with “Before next flight over water.”

(14) This AD does not adopt the “Remarks” section of EASA AD 2022-0214.

(i) No Reporting or Return of Parts

Although the service information referenced in EASA AD 2022-0214 specifies to submit certain information and send removed parts to the manufacturer, this AD does not include those requirements.

(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 . 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 (k) 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.

(k) 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: .

(l) 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 this AD specifies otherwise.

(i) European Union Aviation Safety Agency (EASA) AD 2022-0214, dated October 21, 2022.

(ii) [Reserved]

(3) For EASA AD 2022-0214, contact EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; phone +49 221 8999 000; email *;* website *easa.europa.eu.* You may find the EASA material on the EASA website *ad.easa.europa.eu.*

(4) You may view this material at the FAA, Office of the Regional Counsel, Southwest Region, 10101 Hillwood Parkway, 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 8, 2024.

James D. Foltz,

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

[Filed 6-14-24; 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:

2024-10-10 Airbus Helicopters: Amendment 39-22756; Docket No. FAA-2024-0038; Project Identifier MCAI-2023-00645-R.

(a) Effective Date

This airworthiness directive (AD) is effective July 23, 2024.

(b) Affected ADs

None.

(c) Applicability

This AD applies to all Airbus Helicopters Model SA-365N, SA-365N1, AS-365N2, and AS 365 N3 helicopters, certificated in any category.

(d) Subject

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

(e) Unsafe Condition

This AD was prompted by a report of an obstructed tail rotor (TR) pedal control that was blocked during flight. The FAA is issuing this AD to detect and address interference of the tail rotor pedal control. The unsafe condition, if not addressed, could result in loss of yaw 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 2023-0090, dated May 4, 2023 (EASA AD 2023-0090).

(h) Exceptions to EASA AD 2023-0090

(1) Where paragraph (1) of EASA AD 2023-0090 requires compliance within 165 flight hours, this AD requires accomplishing paragraph (1) of EASA AD 2023-0090 within 100 hours time-in-service.

(2) Where EASA AD 2023-0090 refers to its effective date, this AD requires using the effective date of this AD.

(3) Where the service information referenced in EASA AD 2023-0090 specifies discarding parts, this AD requires removing those parts from service.

(4) This AD does not adopt the “Remarks” section of EASA AD 2023-0090.

(i) No Reporting Requirement

Although the service information referenced in EASA AD 2023-0090 specifies to submit certain information to the manufacturer, this AD does not include that requirement.

(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 . 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 (k) 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.

(k) Related Information

For more information about this AD, contact Dan McCully, Program Manager, International Validation Branch, FAA, 1600 Stewart Ave., Suite 410, Westbury, NY 11590; phone: (404) 474-5548; email: .

(l) 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 2023-0090, dated May 4, 2023.

(ii) [Reserved]

(3) For EASA AD 2023-0090, 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 15, 2024.

Victor Wicklund,

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

[Filed 6-17-24; 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:

2024-13-03 Lindstrand Balloons Ltd.: Amendment 39-22777; Docket No. FAA-2024-1700; Project Identifier MCAI-2024-00266-B.

(a) Effective Date

This airworthiness directive (AD) is effective July 12, 2024.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Lindstrand Balloons Ltd. Model 42A, 56A, 60A, 69A, 77A, 90A, 105A, 120A, 150A, 180A, 210A, 240A, 260A, 310A, 69B, 77B, 90B, 105B, and Drinks Can hot air balloons, certificated in any category, having a date of manufacture after March 2017 and fitted with Aramid (Kevlar) load tapes.

Note 1 to paragraph (c): United Kingdom Civil Aviation Authority (UK CAA) Emergency AD G-2024-0001-E, dated April 30, 2024, includes figures that aid in the identification of Aramid (Kevlar) load tapes.

(d) Subject

Joint Aircraft System Component (JASC) Code 5102, Balloon Reports.

(e) Unsafe Condition

This AD was prompted by a report of degraded polyester filled Aramid (Kevlar) load tapes on a hot air balloon envelope where the Kevlar core was exposed to ultraviolet light. The FAA is issuing this AD to address the unsafe condition. The unsafe condition, if not addressed, could compromise the residual strength of the load tapes and the structural integrity of the hot air balloon envelope, with consequent loss of control of the hot air balloon.

(f) Compliance

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

(g) Required Actions

(1) Before each flight, do a visual check of the hot air balloon envelope Aramid (Kevlar) load tapes for damage (degraded, stretched, or frayed load tapes or an exposed Kevlar core).

(2) If damage is found during any check required by paragraph (g)(1) of this AD, before further flight, remove the hot air balloon envelope from service.

(3) The visual checks required by paragraph (g)(1) 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 and . The record must be maintained as required by , , or .

(h) Alternative Methods of Compliance (AMOCs)

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 (i)(1) of this AD and email to: . If mailing information, also submit information by email. Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local Flight Standards District Office.

(i) Additional Information

(1) For more information about this AD, contact Fred Guerin, Aviation Safety Engineer, FAA, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; phone: (206) 231-2346; email: .

(2) For material identified in this AD that is not incorporated by reference, contact UK CAA, Aviation House, Beehive Ring Road, Crawley, West Sussex, RH6 0YR; phone: (+44) 0330 022 1500; email: *;* website: *caa.co.uk.*

(j) Material Incorporated by Reference

None.

Issued on June 21, 2024.

Victor Wicklund,

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

[Filed 6-24-24; 11:15 am]

BILLING CODE 4910-13-P