

**FEDERAL AVIATION ADMINISTRATION
AIRWORTHINESS DIRECTIVES**

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

BIWEEKLY 2024-12

06/03/2024 - 06/16/2024



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
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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

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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
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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
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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:

2024-08-09 GA 8 Airvan (Pty) Ltd: Amendment 39-22742; Docket No. FAA-2024-0234; Project Identifier MCAI-2023-01215-A.

(a) Effective Date

This airworthiness directive (AD) is effective July 16, 2024.

(b) Affected ADs

None.

(c) Applicability

This AD applies to GA8 Airvan (Pty) Ltd Model GA8 airplanes, all serial numbers up to and including GA8-20-262; and Model GA8-TC320 airplanes, all serial numbers up to and including GA8-TC 320-20-261; certificated in any category.

(d) Subject

Joint Aircraft System Component (JASC) Code 2497, Electrical Power System Wiring.

(e) Unsafe Condition

This AD was prompted by reports of insufficient electrical bonding of the solenoid (relay) box assembly. The FAA is issuing this AD to address possible missing mechanical connections. The unsafe condition, if not addressed, could result in degraded electrical equipment performance, errors, or intermittent failures of equipment connected to electrical Bus 1, Bus 2, associated electrical control and protective devices fitted within or attached to the solenoid box, which could lead to loss of equipment essential for safe flight.

(f) Compliance

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

(g) Required Actions

(1) Within 100 hours time-in-service (TIS) after the effective date of this AD, inspect for a mechanical connection between the relay box earth point to the ground power socket in accordance with Part A, steps 1. through 4. of the Accomplishment Instructions in GippsAero Service Bulletin SB-GA8-2023-216, Issue 1, dated February 24, 2023 (GippsAero SB-GA8-2023-216, Issue 1), except where step 4. specifies to proceed

to the Documentation section to update the airplane logbook, that action is not specifically required by this AD.

(2) If no mechanical connection between the relay box earth point to the ground power socket is found during the inspection required by paragraph (g)(1) of this AD, before further flight, install a mechanical connection in accordance with Part B, steps 1. through 3. of the Accomplishment Instructions in GippsAero SB-GA8-2023-216, Issue 1.

(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, mail it to the address identified in paragraph (i) of this AD or 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/certificate holding district office.

(i) Additional Information

For more information about this AD, contact Doug Rudolph, Aviation Safety Engineer, FAA, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; phone: (816) 329-4059; email: .

(j) 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) GippsAero Service Bulletin SB-GA8-2023-216, Issue 1, dated February 24, 2023.

Note 1 to paragraph (j)(2)(i): The date on the first page of this document is February 24, 2023, and the date on the subsequent pages is February 25, 2023.

(ii) [Reserved]

(3) For service information identified in this AD, contact GA8 Airvan (Pty) Ltd, GippsAero Technical Services, P.O. Box 881, Morwell, Victoria 3840, Australia; phone: +61 (0)3 5172 1200; email: ; website: gippsaero.com.au.

(4) You may view this service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 901 Locust, Kansas City, MO 64106. 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 22, 2024.

James D. Foltz,

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

[Filed 6-10-24; 8:45 am]

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