FEDERAL AVIATION ADMINISTRATION
AIRWORTHINESS DIRECTIVES

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

BIWEEKLY 2023-26

12/04/2023 - 12/17/2023

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 2023-01

2022-26-01		GE Aviation Czech s.r.o.	M601D-11,M601E-11,M601E-11A,M601E-11AS,M601E-11S,M601F,H75-100,H75-200,H80,H80-100,H80-200,H85-100,H85-200
2022-27-03		Leonardo S.p.a.	AB139,AW139
2022-27-08		Bell Textron Canada Limited	407

Biweekly 2023-02

2022-27-09		Airbus Helicopters	EC130T2
2023-01-02		Leonardo S.p.a.	A109,A109A,A109A II,A109C,A109E,A109K2,A109S,AW109SP

Biweekly 2023-03

2023-01-07		GE Aviation Czech s.r.o.	H75-100,H75-200,H80,H80-100,H80-200,H85-100,H85-200
2023-01-11		Safran Helicopter Engines S.A.	Makila 1A,Makila 1A1
2023-01-12		Safran Helicopter Engines S.A.	Arriel 1C,Arriel 1C1,Arriel 1C2
2023-02-03	R 2022-01-09	Stemme AG	Stemme S 10-VT,Stemme S 12
2023-02-04		Mooney International Corporation	M20C,M20D,M20E,M20F,M20G

Biweekly 2023-04

2023-01-04		Airbus Helicopters	AS350B,AS350BA,AS350B1,AS350B2,AS350B3,AS350D,AS355E,AS355F,AS355F1,AS355F2,AS355N,AS355NP
2023-01-07		GE Aviation Czech s.r.o.	H75-100,H75-200,H80,H80-100,H80-200,H85-100,H85-200
2023-01-08		Continental Aerospace Technologies GmbH	TAE 125-02-99,TAE 125-02-114
2023-01-10		GE Aviation Czech s.r.o.	M601E-11,M601E-11A,M601E-11AS,M601E-11S,M601F
2023-02-12		Continental Aerospace Technologies Inc.	GTSIO-520-C,GTSIO-520-D,GTSIO-520-E,GTSIO-520-F,GTSIO-520-H,GTSIO-520-K,GTSIO-520-L,GTSIO-520-M,GTSIO-520-N,IO-470-A,IO-470-C,IO-470-D,IO-470-E,IO-470-F,IO-470-G,IO-470-H,IO-470-J,IO-470-K,IO-470-L,IO-470-LO,IO-470-M,IO-470-N,IO-470-P,IO-470-R,IO-470-S,IO-470-T,IO-470-U,IO-470-V,IO-470-VO,IO-520-A,IO-520-B,IO-520-BA,IO-520-BB,IO-520-C,IO-520-CB,IO-520-D,IO-520-E,IO-520-F,IO-520-J,IO-520-K,IO-520-L,IO-520-M,IO-520-MB,IO-520-N,IO-520-NB,IO-520-P,IO-550-A,IO-550-B,IO-550-C,IO-550-D,IO-550-E,IO-550-F,IO-550-G,IO-550-L,IO-550-N,IO-550-P,IO-550-R,IOF-550-B,IOF-550-C,IOF-550-D,IOF-550-E,IOF-550-F,IOF-550-L,IOF-550-P,IOF-550-R,LIO-470-A,LIO-520-P,LTSIO-520-AE,O-470-A,O-470-E,O-470-G,O-470-G-CI,O-470-H,O-470-J,O-470-K,O-470-K-CI,O-470-L,O-470-L-CI,O-470-M,O-470-M-CI,O-470-N,O-470-P,O-470-R,O-470-S,O-470-T,O-470-U,TSIO-470-B,TSIO-470-C,

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			TSIO-470-D,TSIO-520-A,TSIO-520-AE,TSIO-520-AF,TSIO-520-B,TSIO-520-BB,TSIO-520-BE,TSIO-520-C,TSIO-520-CE,TSIO-520-D,TSIO-520-DB,TSIO-520-E,TSIO-520-EB,TSIO-520-G,TSIO-520-H,TSIO-520-J,TSIO-520-JB,TSIO-520-K,TSIO-520-KB,TSIO-520-L,TSIO-520-LB,TSIO-520-M,TSIO-520-N,TSIO-520-NB,TSIO-520-P,TSIO-520-R,TSIO-520-T,TSIO-520-U,TSIO-520-UB,TSIO-520-VB,TSIO-520-WB,TSIO-550-A,TSIO-550-B,TSIO-550-C,TSIO-550-E,TSIO-550-G,TSIO-550-K,TSIOF-550-D,TSIOF-550-J,TSIOF-550-K,TSIOL-550-A,TSIOL-550-C
2023-03-01		Airbus Helicopters Deutschland GmbH	BO-105A,BO-105C,BO-105S,BO-105LS A-1,BO-105LS A-3,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,MBB-BK 117 C-1,MBB-BK 117 C-2,MBB-BK 117 D-2
2023-03-10		Schempp-Hirth Flugzeugbau GmbH	Duo-Discus,Duo Discus T
Biweekly 2023-05			
2023-01-07		GE Aviation Czech s.r.o.	H75-100,H75-200,H80,H80-100,H80-200,H85-100,H85-200
2023-02-17		Textron Aviation Inc.	210N,210R,P210N,P210R,T210N,T210R,177,177A,177B,177RG,F177RG
2023-03-02		Pratt & Whitney Canada Corp.	PT6E-67XP
2023-03-03		Leonardo S.p.a.	AB139,AW139
2023-03-12	R 2004-04-09	Pratt & Whitney Canada Corp.	JT15D-1,JT15D-1A,JT15D-1B
2023-03-13		Airbus Helicopters	AS355E,AS355F,AS355F1,AS355F2,AS355N
2023-04-08		Continental Aerospace Technologies, Inc. (Continental®)	GTSIO-520-C,GTSIO-520-D,GTSIO-520-H,GTSIO-520-K,GTSIO-520-L,GTSIO-520-M,GTSIO-520-N,GTSIO-520-S,IO-360-A,IO-360-AB,IO-360-AF,IO-360-C,IO-360-CB,IO-360-D,IO-360-DB,IO-360-E,IO-360-ES,IO-360-G,IO-360-GB,IO-360-H,IO-360-HB,IO-360-J,IO-360-JB,IO-360-K,IO-360-KB,IO-470-D,IO-470-E,IO-470-G,IO-470-H,IO-470-J,IO-470-K,IO-470-L,IO-470-M,IO-470-N,IO-470-P,IO-470-R,IO-470-S,IO-470-T,IO-470-U,IO-470-V,IO-470-VO,IO-520-A,IO-520-B,IO-520-BA,IO-520-BB,IO-520-C,IO-520-CB,IO-520-D,IO-520-E,IO-520-F,IO-520-J,IO-520-K,IO-520-L,IO-520-M,IO-520-MB,IO-550-A,IO-550-B,IO-550-C,IO-550-D,IO-550-E,IO-550-F,IO-550-G,IO-550-L,IO-550-N,IO-550-P,IO-550-R,LTSIO-360-E,LTSIO-360-EB,LTSIO-360-KB,LTSIO-360-RB,LTSIO-520-AE,O-470-A,O-470-B,O-470-E,O-470-G,O-470-H,O-470-J,O-470-K,O-470-L,O-470-M,O-470-N,O-470-R,O-470-S,O-470-T,O-470-U,TSIO-360-A,TSIO-360-AB,TSIO-360-B,TSIO-360-BB,TSIO-360-C,TSIO-360-CB,TSIO-360-D,TSIO-360-DB,

SMALL AIRCRAFT

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			TSIO-360-E,TSIO-360-EB,TSIO-360-G,TSIO-360-GB,TSIO-360-H,TSIO-360-HB,TSIO-360-JB,TSIO-360-KB,TSIO-360-LB,TSIO-360-MB,TSIO-360-RB,TSIO-360-SB,TSIO-520-A,TSIO-520-AE,TSIO-520-AF,TSIO-520-B,TSIO-520-BB,TSIO-520-BE,TSIO-520-C,TSIO-520-CE,TSIO-520-D,TSIO-520-DB,TSIO-520-E,TSIO-520-EB,TSIO-520-G,TSIO-520-H,TSIO-520-J,TSIO-520-JB,TSIO-520-K,TSIO-520-KB,TSIO-520-L,TSIO-520-LB,TSIO-520-M,TSIO-520-NB,TSIO-520-P,TSIO-520-R,TSIO-520-T,TSIO-520-UB,TSIO-520-VB,TSIO-520-WB,TSIO-550-A,TSIO-550-B,TSIO-550-C,TSIO-550-E,TSIO-550-G,TSIO-550-K,TSIO-550-N,TSIOF-550-K,TSIOL-550-A,TSIOL-550-B,TSIOL-550-C
Biweekly 2023-06			
2023-03-14		Schempp-Hirth Flugzeugbau GmbH	Duo-Discus,Duo Discus T
2023-03-22	R 2015-09-04 R1	DG Flugzeugbau GmbH,Schempp-Hirth Flugzeugbau GmbH	DG-1000T,Duo Discus T
2023-04-20		Cirrus Design Corporation	SF50
Biweekly 2023-07			
2023-05-03	R 2022-14-14	Alexander Schleicher GmbH & Co. Segelflugzeugbau	ASW -15,ASW-15B
2023-05-09		Airbus Helicopters Deutschland GmbH	EC135P3,EC135T3,MBB-BK 117 D-2,MBB-BK 117 D-3
2023-05-16	R 2023-04-08	Continental Aerospace Technologies Inc.	GTSIO-520-C,GTSIO-520-D,GTSIO-520-H,GTSIO-520-K,GTSIO-520-L,GTSIO-520-M,GTSIO-520-N,GTSIO-520-S,IO-360-A,IO-360-AB,IO-360-AF,IO-360-C,IO-360-CB,IO-360-D,IO-360-DB,IO-360-E,IO-360-ES,IO-360-G,IO-360-GB,IO-360-H,IO-360-HB,IO-360-J,IO-360-JB,IO-360-K,IO-360-KB,IO-470-A,IO-470-C,IO-470-D,IO-470-E,IO-470-F,IO-470-G,IO-470-H,IO-470-J,IO-470-K,IO-470-L,IO-470-LO,IO-470-M,IO-470-N,IO-470-P,IO-470-R,IO-470-S,IO-470-T,IO-470-U,IO-470-V,IO-470-VO,IO-520-A,IO-520-B,IO-520-BA,IO-520-BB,IO-520-C,IO-520-CB,IO-520-D,IO-520-E,IO-520-F,IO-520-J,IO-520-K,IO-520-L,IO-520-M,IO-520-MB,IO-550-A,IO-550-B,IO-550-C,IO-550-D,IO-550-E,IO-550-F,IO-550-G,IO-550-L,IO-550-N,IO-550-P,IO-550-R,LTSIO-360-E,LTSIO-360-EB,LTSIO-360-KB,LTSIO-360-RB,LTSIO-520-AE,O-470-A,O-470-B,O-470-E,O-470-G,O-470-H,O-470-J,O-470-K,O-470-L,O-470-M,O-470-N,O-470-R,O-470-S,O-470-T,O-470-U,TSIO-360-A,TSIO-360-AB,TSIO-360-B,TSIO-360-BB,TSIO-360-C,TSIO-360-CB,TSIO-360-D,TSIO-360-DB,TSIO-360-E,TSIO-360-EB,TSIO-360-F,TSIO-360-FB,TSIO-360-G,TSIO-360-

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			GB,TSIO-360-H,TSIO-360-HB,TSIO-360-JB,TSIO-360-KB,TSIO-360-LB,TSIO-360-MB,TSIO-360-RB,TSIO-360-SB,TSIO-520-A,TSIO-520-AE,TSIO-520-AF,TSIO-520-B,TSIO-520-BB,TSIO-520-BE,TSIO-520-C,TSIO-520-CE,TSIO-520-D,TSIO-520-DB,TSIO-520-E,TSIO-520-EB,TSIO-520-G,TSIO-520-H,TSIO-520-J,TSIO-520-JB,TSIO-520-K,TSIO-520-KB,TSIO-520-L,TSIO-520-LB,TSIO-520-M,TSIO-520-NB,TSIO-520-P,TSIO-520-R,TSIO-520-T,TSIO-520-UB,TSIO-520-VB,TSIO-520-WB,TSIO-550-A,TSIO-550-B,TSIO-550-C,TSIO-550-E,TSIO-550-G,TSIO-550-K,TSIO-550-N,TSIOF-550-K,TSIOL-550-A,TSIOL-550-B,TSIOL-550-C
2023-06-11		Viking Air Limited	DHC-2 Mk.I
Biweekly 2023-08			
2023-07-51	E	Leonardo S.p.a.	AB139,AW139
Biweekly 2023-09			
2023-06-05		Bell Textron Canada Limited	206A,206A-1 (OH-58A),206B,206B-1,206L,206L-1,206L-3,206L-4
2023-07-08		Pilatus Aircraft Ltd.	PC-12/47E
Biweekly 2023-10			
2023-06-14		Pratt & Whitney Canada Corp.	PW308A,PW308C
2023-07-03		Leonardo S.p.a.	AB412,AB412 EP
Biweekly 2023-11			
2023-08-06	A 2020-20-08	Airbus Helicopters	AS332C,AS332C1,AS332L,AS332L1,AS332L2,EC225LP
2023-08-07		Allied Ag Cat Productions Inc.	G-164A,G-164B
Biweekly 2023-12			
2023-09-07	R 2022–02–01	Sikorsky Aircraft Corporation	S-92A
2023-09-12		Pilatus Aircraft Ltd.	PC-12,PC-12/45,PC-12/47,PC-12/47E
2023-10-02	R 2021–23–12	The Boeing Company,Airbus SAS,Bombardier Inc.,Embraer S.A.,Gulfstream Aerospace Corporation,Gulfstream Aerospace LP,Textron Aviation Inc.,Pilatus Aircraft Limited,Fokker Services B.V.,Saab AB Support and Services,De Havilland Aircraft of Canada Limited,Airbus Canada Limited Partnership,ATR - GIE Avions de Transport Régional,MHI RJ Aviation ULC,BAE Systems (Operations) Limited,Lockheed Martin Corporation,Lockheed Martin Aeronautics Company,Viking Air Limited,Dassault Aviation	18,23,35,36,50,58,60,65,70,76,77,95,99,100,111,120,140,150,152,170,172,175,177,180,182,185,188,190,195,200,206,207,208,210,300,314,320,321,335,336,337,340,382,390,400,401,402,404,406,408,411,414,421,425,441,500,501,510,525,550,551,552,560,650,680,700,750,1900,2000,4000,1049-54,1049B-55 (Navy R7V-1),1049C-55,1049D-55,1049E-55,1049F-55 (USAF C-121C),1049H-82,1049G-82,1125 Westwind Astra,1329-23A,1329-23E,1329-25,1329-23D,150A,150B,150C,150D,150E,150F,150G,150H,150J,150K,150M,150L,

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170A,170B,172A,172B,172C,172D,172E,172G,172F (USAF T-41A),172H (USAF T-41A),172I,172K,172L,172M,172N,172P,172Q,172R,172RG,172S,175A,175B,175C,177A,177B,180A,180B,180C,180D,180F,180E,180G,180H,180J,180K,182A,182B,182C,182D,182E,182F,182G,182H,182J,182K,182L,182M,182N,182P,182Q,182R,182S,182T,185A,185B,185C,185D,185E,188A,188B,188C,18D,18S (Army C-45C),1900C,1900C (C-12J),1900D,195B,19A,200C,200CT,200T,206H,207A,210-5 (205),210-5A (205A),210A,210B,210C,210D,210E,210F,210G,210H,210J,210K,210L,210M,210N,210R,300LW,320-1,320A,320B,320C,320D,320E,320F,337A,337B,337C,337D,337E,337F,337G,337H,340A,35-33,35-A33,35-B33,35-C33,35-C33A,35R,382B,382E,382G,382J,382F,3N,3NM,400A,400T,401A,401B,402A,402B,402C,411A,414A,421A,421B,421C,49-46,525A,525B,525C,560XL,56TC,58A,58P,58PA,58TCA,58TC,649-79,649A-79,65-80,65-88,65-90,65-A80,65-A80-8800,65-A90,65-A90-1,65-A90-2,65-A90-3,65-A90-4,65-B80,680A,707-100 Long Body,707-100B Long Body,707-200,707-300 Series,707-300C Series,707-400 Series,707-100B Short Body,707-300B Series,717-200,720 Series,727 Series,727-100C Series,727-200 Series,727-200F Series,727-100 Series,727C Series,737-100 Series,737-200 Series,737-200C Series,737-300 Series,737-400 Series,737-500 Series,737-600 Series,737-700 Series,737-700C Series,737-800 Series,737-900 Series,737-900ER Series,737-8200,737-8,737-9,747-100 Series,747-100B Series,747-100B SUD Series,747-200B Series,747-200C Series,747-200F Series,747-300 Series,747-400 Series,747-400D Series,747-400F Series,747SP Series,747SR Series,747-8 Series,747-8F Series,749-79,749A-79,75 (Army PT-13),757-200 Series,757-200CB Series,757-200PF Series,757-300 Series,767-2C Series,767-200 Series,767-300 Series,767-300F Series,767-400ER Series,777-200 Series,777-200LR Series,777-300 Series,777-300ER Series,777F Series,787-8,787-9,787-10,80-A,95-55,95-A55,95-B55,95-B55A,95-B55B,95-C55,95-C55A,99A,A100,A100-1 (U-21J),A100A,A100C,A150K,A150L,A150M,A152,A185E,A185F,A188,A188B,A188A,A18A,A18D,A200 (C-12A),A200 (C-

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12C),A200C (UC-12B),A200CT (C-12D),A200CT (C-12F),A200CT (FWC-12D),A200CT (RC-12D),A200CT (RC-12G),A200CT (RC-12H),A200CT (RC-12K),A200CT (RC-12P),A200CT (RC-12Q),A23,A23-19,A23A,A23-24,A24,A24R,A300 B2-1A,A300 B2-1C,A300 B2-203,A300 B2K-3C,A300 B4-2C,A300 B4-103,A300 B4-203,A300 B4-601,A300 B4-603,A300 B4-605R,A300 B4-620,A300 B4-622,A300 B4-622R,A300 C4-605R Variant F,A300 F4-605R,A300 F4-622R,A310-203,A310-204,A310-221,A310-222,A310-304,A310-322,A310-324,A310-325,A-314,A318-111,A318-112,A318-121,A318-122,A319-111,A319-112,A319-113,A319-114,A319-115,A319-131,A319-132,A319-133,A319-151N,A319-153N,A319-171N,A320-211,A320-212,A320-214,A320-216,A320-231,A320-232,A320-233,A320-251N,A320-252N,A320-253N,A320-271N,A320-272N,A320-273N,A321-111,A321-112,A321-131,A321-211,A321-212,A321-213,A321-231,A321-232,A321-251N,A321-251NX,A321-252N,A321-252NX,A321-253N,A321-253NX,A321-271N,A321-271NX,A321-272N,A321-272NX,A330-201,A330-202,A330-203,A330-223,A330-223F,A330-243,A330-243F,A330-301,A330-302,A330-303,A330-321,A330-322,A330-323,A330-341,A330-342,A330-343,A330-841,A330-941,A340-211,A340-212,A340-213,A340-311,A340-312,A340-313,A340-541,A340-642,A35,A350-941,A350-1041,A36,A36TC,A380-841,A380-842,A380-861,A45 (Military T-34A; B-45),A56TC,A65,A65-8200,A75 (Army PT-13A; -13B; -13C),A75J1 (Army PT-18),A75L3,A75L300,A75N1 (Army PT-17; -17A; Navy N2S-1; -4),A99,A99A,Army AT-11,Astra SPX,AT-6 (SNJ-2),AT-6A (SNJ-3),AT-6B,AT-6C (SNJ-4),AT-6D (SNJ-5),AT-6F (SNJ-6),ATR42-200,ATR42-300,ATR42-320,ATR42-500,ATR72-101,ATR72-102,ATR72-201,ATR72-202,ATR72-211,ATR72-212,ATR72-212A,Avro 146-RJ70A,Avro 146-RJ85A,Avro 146-RJ100A,B100,B19,B200,B200C,B200C (C-12F),B200C (C-12R),B200C (UC-12F),B200C (UC-12M),B200CGT,B200CT,B200GT,B200T,B23,B24R,B300,B300C,B300C (MC-12W),B300C (UC-12W),B35,B36TC,B50,B60,B75 (Navy N2S-5),B95,B95A,B99,BAC 1-11 400 Series,BAC 1-11 200 Series,BAe 146-100A,BAe 146-200A,BAe 146-300A,BAe.125 Series 800A,BAe.125 Series 800A (C-29A),BAe.125 Series 800A

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(U-125),BAe.125 Series 800B,BAe.125 Series 1000A,BAe.125 Series 1000B,BC-1A,BD-500-1A10,BD-500-1A11,BD-700-1A10,BD-700-1A11,BD-700-2A12,Beagle B.121 Series 1,Beagle B.121 Series 2,Beagle B.121 Series 3,BH.125 Series 400A,BH.125 Series 600A,C23,C24R,C35,C-45G,C-45H,C50,C54-DC,C54A-DC,C54B-DC,C54D-DC,C54G-DC,C54E-DC,C90,C90A,C90GT,C90GTi,C99,CL-215-1A10,CL-215-6B11 (CL-215T Variant),CL-215-6B11 (CL-415 Variant),CL-44J,CL-600-1A11 (CL-600),CL-600-2A12 (CL-601),CL-600-2B16 (CL-601-3A),CL-600-2B16 (CL-601-3R),CL-600-2B16 (CL-604),CL-600-2B19 (Regional Jet Series 100),CL-600-2B19 (Regional Jet Series 440),CL-600-2C10 (Regional Jet Series 700),CL-600-2C10 (Regional Jet Series 701),CL-600-2C10 (Regional Jet Series 702),CL-600-2C11 (Regional Jet Series 550),CL-600-2D15 (Regional Jet Series 705),CL-600-2D24 (Regional Jet Series 900),CL-600-2E25 (Regional Jet Series 1000),D18C,D18S,D35,D45 (Military T-34B),D50,D50A,D50B,D50C,D50E,D50E-5990,D55,D55A,D75N1 (Army PT-27),D95A,DC-10-10,DC-10-10F,DC-10-15,DC-10-30,DC-10-30F (KC-10A KDC-10),DC-10-40F,DC-10-40,DC3A-S1C3G,DC3A-S1CG,DC3A-S4C4G,DC3A-SC3G,DC3A-SCG,DC3C-R-1830-90C,DC3C-S1C3G,DC3C-SC3G,DC3C-S4C4G,DC3D-R-1830-90C,DC3-G102,DC3-G102A,DC3-G103A,DC3-G202A,DC-4,DC-6B,DC-7B,DC-7C,DC-6,DC-6A,DC-7,DC-8-11,DC-8-12,DC-8-21,DC-8-31,DC-8-32,DC-8-33,DC-8-41,DC-8-42,DC-8-43,DC-8-51,DC-8-52,DC-8-53,DC-8-55,DC-8-61,DC-8-61F,DC-8-62,DC-8-62F,DC-8-63,DC-8-63F,DC-8-71,DC-8-71F,DC-8-72,DC-8-72F,DC-8-73,DC-8-73F,DC-8F-54,DC-8F-55,DC-9-11,DC-9-12,DC-9-13,DC-9-14,DC-9-15,DC-9-15F,DC-9-21,DC-9-31,DC-9-32,DC-9-32 (VC-9C),DC-9-32F,DC-9-32F (C-9A),DC-9-32F (C-9B),DC-9-33F,DC-9-34,DC-9-34F,DC-9-41,DC-9-51,DC-9-81 (MD-81),DC-9-82 (MD-82),DC-9-83 (MD-83),DC-9-87 (MD-87),DH.125 Series 1A,DH.125 Series 1A-522,DH.125 Series 1A/R-522,DH.125 Series 1A/S-522,DH.125 Series 3A,DH.125 Series 3A/R,DH.125 Series 3A/RA,DH.125 Series 400A,DHC-2 Mk.I,DHC-2 Mk.II,DHC-2 Mk.III,DHC-4,DHC-4A,DHC-6-1,DHC-6-100,DHC-6-200,DHC-6-300,DHC-6-400,DHC-7-1,DHC-7-100,DHC-7-101,DHC-7-102,DHC-7-103,E17B (Army

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UC-43D),E17L,E18S,E18S-9700,E310H,E310J,E33,E33A,E33C,E35,E50,E55,E55A,E75 (Army PT-13D; Navy N2S-5; PT-13D/N2S-5),E75N1 (Army PT-13D; Navy N2S-5; PT-13D/N2S-5),E90,E95,EMB-110P1,EMB-110P2,EMB-120,EMB-120FC,EMB-120QC,EMB-120RT,EMB-120ER,EMB-135,EMB-135BJ (Legacy 600),EMB-135BJ (Legacy 650),EMB-135BJ,EMB-135ER,EMB-135KE,EMB-135KL,EMB-135LR,EMB-145EP,EMB-145ER,EMB-145LR,EMB-145MP,EMB-145MR,EMB-145XR,EMB-500,EMB-505,EMB-545,EMB-550,ERJ 170-100 LR,ERJ 170-100 SE,ERJ 170-100 STD,ERJ 170-100 SU,ERJ 170-200 LL,ERJ 170-200 LR,ERJ 170-200 STD,ERJ 170-200 SU,ERJ 190-100 ECJ,ERJ 190-100 IGW,ERJ 190-100 LR,ERJ 190-100 STD,ERJ 190-200 IGW,ERJ 190-200 LR,ERJ 190-200 STD,ERJ 190-300,ERJ 190-400,F150F,F150G,F150H,F150J,F150K,F150L,F150M,F152,F172D,F172E,F172F,F172G,F172H,F172K,F172L,F172M,F172N,F172P,F17D (UC-43C),F27 Mark 050,F27 Mark 100,F27 Mark 200,F27 Mark 300,F27 Mark 400,F27 Mark 500,F27 Mark 600,F27 Mark 700,F28 Mark 0070,F28 Mark 0100,F28 Mark 1000,F28 Mark 2000,F28 Mark 3000,F28 Mark 4000,F33,F33A,F33C,F337E,F337F,F337G,F337H,F35,F50,FA150K,FA150L,FA150M,FA152,Falcon 7X,Falcon 900EX,FALCON 2000,FALCON 2000EX,Falcon 10,Fan Jet Falcon,Fan Jet Falcon Series C,Fan Jet Falcon Series D,Fan Jet Falcon Series E,Fan Jet Falcon Series F,Fan Jet Falcon Series G,FP172D,FR172E,FR172F,FR172G,FR172H,FR172J,FR172K,FRA150L,FRA150M,FT337E,FT337F,FT337GP,FT337HP,G-1159,G-1159A,G-1159B,G18S,G33,G50,G58,G-IV,GIV-X,Gulfstream 100,Gulfstream 200,GV,GV-SP,GVI,GVII-G500,GVII-G600,H18,H35,H50,H90,Hawker 750,Hawker 800,Hawker 800 (U-125A),Hawker 800XP,Hawker 850XP,Hawker 900XP,Hawker 1000,HS 748 Series 2A,HS 748 Series 2B,HS.125 Series 1B,HS.125 Series 1B-522,HS.125 Series 1B/R-522,HS.125 Series 1B/S-522,HS.125 Series 3B,HS.125 Series 3B/R,HS.125 Series 3B/RA,HS.125 Series 3B/RB,HS.125 Series 3B/RC,HS.125 Series 400A,HS.125 Series 400B,HS.125 Series 400B/1,HS.125 Series 401B,HS.125 Series 403A(C),HS.125 Series 403B,HS.125 Series 600A,HS.125 Series 600B,HS.125 Series 600B/1,HS.125 Series

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			600B/2,HS.125 Series 600B/3,HS.125 Series 700A,HS.125 Series 700B,HS.125 Series F3B,HS.125 Series F3B/RA,HS.125 Series F400B,HS.125 Series F403B,HS.125 Series F600B,IB75A,J35,JRB-6,K35,L-1011-385-1,L-1011-385-1-14,L-1011-385-1-15,L-1011-385-3,LC40-550FG,LC40-550G,LC41-550FG,M19A,M337B,M35,MD-10-10F,MD-10-30F,MD-11,MD-11F,MD-88,MD-90-30,MU-300-10,MU-300,Mystere-Falcon 20 - C5,Mystere-Falcon 20 - D5,Mystere-Falcon 20 - E5,Mystere-Falcon 20 - F5,Mystere-Falcon 50,Mystere-Falcon 200,Mystere-Falcon 900,N35,Navy R6D-1,Navy R6D-1Z,P172D,P206,P206A,P206B,P206C,P206D,P206E,P210N,P210R,P337H,P35,R172E,R172F,R172G,R172H,R172J,R172K,R182,R4D-8,R4D-8Z,RC-45J,S18A,S18D,S35,SA18A,SA18D,SA-307B,SA-307B-1,SAAB 340B,340A (SAAB SF340A),SAAB 2000,SC-7 Skyvan Series 2,SC-7 Skyvan Series 3,SD17S,SD3-30,SD3-60,SD3-60 SHERPA,SD3-SHERPA,Super DC-3,T182,T182T,T188C,T206H,T207,T207A,T210F,T210G,T210H,T210J,T210K,T210L,T210M,T210N,T210R,T240,T310P,T310Q,T310R,T337B,T337C,T337D,T337E,T337F,T337G,T337H,T337H-SP,T-6G,TC-45G,TC-45H,TC-45J,TP206A,TP206B,TP206C,TP206D,TP206E,TR182,TU206A,TU206B,TU206C,TU206D,TU206E,TU206F,TU206G,U206,U206A,U206B,U206C,U206D,U206E,U206F,U206G,UC-45J,USAF C-118A,V35,V35A,V35B,12-B,140A,149-46,1649A-98,177RG,18A,195A,203-B,208B,247-D (Army C-73),300-50A-01 (USAF C-141A),3TM,402-2,45 (Military YT-34),720B Series,80-A1,99A (FACH),A60,ATP,B18S (Army F-2),B75N1 (Navy N2S-3),B90,BD-100-1A10 (Challenger 300),C18S,CL-44D4,D17A (Army UC-43F),D17R (Army UC-43A),D17S,DHC-3,Electra 10-E,F177RG,F90,FR182,G-159,G17S,G35,G36,Galaxy,Gulfstream G150,Gulfstream G280,HU-16D,J50,Jetstream Model 4101,LC42-550FG,NA-260,Navy SNB-1,O-47B,PC-24,S-307,S550,SE17B,SF17D,SNJ-7,Super Universal,T303,T-34C,TR-1
2023-10-05	R 2023–07–51	Leonardo S.p.a.	AB139,AW139
2023-11-03		Honda Aircraft Company LLC	HA-420
Biweekly 2023-13			
2023-09-09		Aerostar Aircraft Corporation,B-N Group Ltd.,Commander Aircraft	PA-60-600 (Aerostar 600),PA-60-601 (Aerostar 601),PA-60-601P (Aerostar

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		Corporation,Cirrus Design Corporation,Continental Aerospace Technologies Inc.,Costruzioni Aeronautiche Tecnam S.P.A.,Daher Aerospace,Diamond Aircraft Industries Inc,The Enstrom Helicopter Corporation,Helio Aircraft LLC,Helio Alaska Inc.,The King's Engineering Fellowship,Lycoming Engines,Maule Aerospace Technology Inc.,Merlyn Products Inc,Mooney International Corporation,Piper Aircraft Inc.,Revo Incorporated,Scotts-Bell 47 Inc,Siam Hiller Holdings Inc.,SST FLUGTECHNIK GmbH,Textron Aviation Inc.,Triton Aerospace LLC,Twin Commander Aircraft LLC,Vulcanair S.p.A.	601P),PA-60-602P (Aerostar 602P),PA-60-700P (Aerostar 700P),BN-2,BN-2A,BN-2A-6,BN-2A-8,BN-2A-9,112TC,112TCA,114TC,SR22,SR22T,LTSIO-360-E,LTSIO-360-EB,LTSIO-360-KB,LTSIO-360-RB,TSIO-360-E,TSIO-360-EB,TSIO-360-F,TSIO-360-FB,TSIO-360-KB,TSIO-360-LB,TSIO-360-MB,TSIO-360-RB,TSIO-360-SB,TSIO-520-BE,TSIO-520-L,TSIO-520-LB,TSIO-520-T,TSIO-520-WB,TSIO-550-A,TSIO-550-B,TSIO-550-C,TSIO-550-E,TSIO-550-G,TSIO-550-J,TSIO-550-K,TSIO-550-N,TSIOF-550-D,TSIOF-550-J,IO-520-B,IO-520-BA,IO-520-BB,IO-520-D,IO-550-B,IO-550-E,IO-550-N,P2012 Traveller,TB 21,DA 40,F-28C,F-28C-2,F-28C-2R,F-28F,F-28F-R,280C,280F,280FX,500,H-295 (USAF U10D),H-395 (USAF L-28A or U-10B),4500-300,4500-300 Series II,IO-540-AA1A5,IO-540-AG1A5,IO-540-S1A5,TIO-540-AE2A,TIO-540-AH1A,LTIO-540-J2BD,TO-360-C1A6D,TO-360-E1A6D,LTO-360-A1A6D,LTO-360-E1A6D,TIO-540-J2BD,M-5-210TC,IO-540-MX1,M20J,M20K,M20M,M20TN,M20V,PA-23,PA-23-160,PA-23-235,PA-23-250,PA-23-250 (Navy UO-1),PA-E23-250,PA-24-250,PA-24-260,PA-24-400,PA-28-201T,PA-28R-201T,PA-28RT-201T,PA-30,PA-31,PA-31-325,PA-31-350,PA-31P,PA-31P-350,PA-32-260,PA-32R-300,PA-32RT-300T,PA-32R-301 (SP),PA-32-301T,PA-32R-301T,PA-34-200,PA-34-200T,PA-34-220T,PA-39,PA-44-180T,PA-46-310P,PA-46-350P,Lake LA-4,Lake LA-4A,Lake LA-4-200,Lake 250,47G-3B,47G-3B-1,47G-3B-2,47G-3B-2A,UH-12L,UH-12L4,EA 400-500,35-33,35-A33,35-B33,35-C33,35-C33A,E33,E33A,E33C,F33,F33A,F33C,H35,J35,K35,M35,N35,P35,S35,V35,V35A,V35B,36,A36,A36TC,B36TC,D55,E55,56TC,A56TC,58,G58,60,A60,B60,95,95-C55,B95,B95A,D95A,E95,185,185A,185B,185C,185D,185E,A185E,A185F,A188,A188A,A188B,T182,T182T,TR182,T188C,206,P206A,P206,P206B,P206C,P206D,P206E,T206H,TP206A,TP206B,TP206C,TP206D,TP206E,TU206A,TU206B,TU206C,TU206D,TU206E,TU206F,TU206G,U206,U206A,U206B,U206C,U206D,U206E,U206F,U206G,T207,T207A,210,210A,210B,210C,210-5 (205),210-5A (205A),P210N,T210G,T210H,T210J,T210K,T210L,T210M,T210N,T240,T303,310,310B,310C,310D,310E,310F,310G,310H,310I,310J,T310P,T310Q,T310R,320,320A,320B,320C,320D,320E,320F,320-

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			1,321,335,340,340A,LC40-550FG,LC41-550FG,LC42-550FG,FT337E,FT337F,FT337GP,FT337HP,P337H,T337B,T337C,T337D,T337E,T337F,T337G,T337H,T337H-SP,401,401A,401B,402,402A,402B,402C,404,411,411A,414,414A,421,421A,421B,421C,A500,500-A,500-B,500-S,500-U,560-A,560-E,685,P.68C-TC,P.68TC Observer,EA-400
2023-11-05	R 2021-10-28	Pilatus Aircraft Ltd.	PC-24
2023-11-12		DAHER AEROSPACE	TBM 700
Biweekly 2023-14			
2023-11-07	R 2021-23-13	Airbus Helicopters,Airbus Helicopters Deutschland GmbH,Air Space Design and Manufacturing LLC,Bell Textron Canada Limited,Bell Textron Inc.,Brantly International Inc.,Centerpointe Aerospace Inc.,Columbia Helicopters Inc.,The Enstrom Helicopter Corporation,Erickson Air-Crane Incorporated DBA Erickson Air-Crane,Erickson Incorporated DBA Erickson Air-Crane,Hélicoptères Guimbal,Siam Hiller Holdings Inc.,Kaman Aerospace Corporation,Leonardo S.p.a.,MD Helicopters Inc.,PZL-Swidnik S.A.,Robinson Helicopter Company,Schweizer RSG LLC,Scotts-Bell 47 Inc,Sikorsky Aircraft Corporation	47,206,210,212,222,230,234,280,305,369,407,412,427,429,430,480,505,1100,107-II,204B,205A,205A-1,205B,206A,206A-1,206A-1 (OH-58A),206B,206B-1,206L,206L-1,206L-3,206L-4,222B,222U,269A,269A-1,269B,269C,269C-1,269D,280C,280F,280FX,369A,369D,369E,369F,369FF,369H,369HE,369HM,369HS,412CF,412EP,47B,47B3,47D,47D1,47E,47G,47G-2,47G-2A,47G-2A-1,47G-3,47G-3B,47G-3B-1,47G-3B-2,47G-3B-2A,47G-4,47G-4A,47G-5,47G-5A,47H-1,47J,47J-2,47J-2A,47K,480B,500N,600N,A109,A109A,A109 A II,A109C,A109E,A109K2,A109S,A119,AB139,AB412,AB412 EP,AS332C,AS332C1,AS332L,AS332L1,AS332L2,AS350B,AS350B1,AS350B2,AS350B3,AS350BA,AS350C,AS350D,AS350D1,AS355E,AS355F,AS355F1,AS355F2,AS355N,AS355NP,AS-365N2,AS-365N3,AW109SP,AW119 MKII,AW139,AW169,AW189,B-2,B-2A,B-2B,BO-105A,BO-105C,BO-105LS A-1,BO-105LS A-3,BO-105S,CABRI G2,CH-47D,CH-54A,EC 155B,EC120B,EC130B4,EC130T2,EC155B1,EC225LP,F-28,F-28A,F-28C,F-28C-2,F-28C-2R,F-28F,F-28F-R,FH-1100,K-190A,K-240,K-600,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,MBB-BK 117 C-1,MBB-BK 117 C-2,MBB-BK 117 D-2,MBB-BK 117 D-3,MD900,OH-13E,OH-13H,PZL W-3A,R22,R22 ALPHA,R22 BETA,R22 MARINER,R44,R44 II,R66,S-51,S-52,S-55,S-55B,S-55C,S-58A,S-58B,S-58BT,S-58C,S-58D,S-58DT,S-58E,S-58ET,S-58F,S-58FT,S-58G,S-58H,S-58HT,S-58J,S-58JT,S-61A,S-61D,S-61E,S-61L,S-61N,S-61NM,S-61R,S-61V,S62A,S-64A,S-64E,S-64F,S-70,S-70A,S-70C,S-70C(M),S-70C(M1),S-70M,S-76A,S-76B,S-76C,S-76D,S-92A,SA 3180-Alouette Astazou,SA 318B-Alouette

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			Astazou,SA 318C-Alouette Astazou,SA.315B Alouette III,SA.316B Alouette III,SA.316C Alouette III,SA.319B Alouette III,SA330J,SA341G,SA342J,SA-365C,SA-365C1,SA-365C2,SA-365N,SA-365N1,SA-366G1,SE 313B-Alouette II,SE 3130-Alouette II,SE.3160 Alouette III,TH-1L,TH-28,UH-12,UH-12A,UH-12B,UH-12C,UH-12E,UH-12E-L,UH-12L,UH-12L4,UH-1E,UH-1L,K-225
2023-13-51	E	Airbus Helicopters	SA341G,SA342J
Biweekly 2023-15			
2023-12-04		Pilatus Aircraft Ltd.	PC-24
2023-12-17	R 2022-19-03	Pilatus Aircraft Ltd.	PC-12,PC-12/47,PC-12/45,PC-12/47E
2023-12-24		GE Aviation Czech s.r.o.	M601E-11AS,M601E-11S,H75-100,H80-100,H85-100
2023-12-26	R 2021–24–04	Bell Textron Canada Limited	505
2023-13-14	2023-01-12	Safran Helicopter Engines S.A.	Arriel 1C,Arriel 1C1,Arriel 1C2,Arriel 1K1
Biweekly 2023-16			
2023-13-08	R 2021–05–03	Airbus Helicopters	EC225LP
2023-13-51	R 2022-19-08	Airbus Helicopters	SA341G,SA342J
Biweekly 2023-17			
2023-14-06		Airbus Helicopters	EC120B,EC130B4,EC130T2
2023-14-07		Airbus Helicopters	EC155B1
2023-15-03		Safran Helicopter Engines S.A.	Arrius 2B2
2023-15-07		Air Tractor Inc.	AT-802,AT-802A
Biweekly 2023-18			
2023-15-06		Pilatus Aircraft Ltd.	PC-24
2023-16-04		Piaggio Aviation S.p.A.	P-180
2023-17-51	E	Bell Textron Canada Limited	407
Biweekly 2023-19			
2023-17-05		Schempp-Hirth Flugzeugbau GmbH	Ventus-2a,Ventus-2b
2023-17-09	R 2022-13-03	Cameron Balloons Ltd.,Aerostar International,Ballonbau Worner GmbH,Balony Kubicek spol s.r.o.,Eagle Balloons Corp.,JR Aerosports Ltd.,Lindstrand Balloons Ltd.,McGrath Michael D.	Fuel Cylinders
2023-17-13		BRP-Rotax GmbH & Co KG	912 F2,912 F3,912 F4,912 iSc2 Sport,912 iSc3 Sport,912 S2,912 S3,912 S4,914 F2,914 F3,914 F4,AMT-200 (Super Ximango),HK 36 R SUPER DIMONA,HK 36 TC,HK 36 TS,DA20-A1,DV 20 Katana,Sky Arrow 650 TC,SF 25C
2023-17-51		Bell Textron Canada Limited	407

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Biweekly 2023-20

2023-16-06		Hamilton Sundstrand Corporation	14SF-17,14SF-19
2023-17-04	R 2022-04-04	Continental Aerospace Technologies Inc. (Continental)	C-145,C-125-1,C-125-2,GO-300-F,GO-300-E,GO-300-D,GO-300-C,GO-300-B,GO-300-A,IO-360,IO-360-A,IO-360-A1A,IO-360-A1A1,IO-360-A1A2,IO-360-A1B,IO-360-A1B6,IO-360-A1B6D,IO-360-A1C,IO-360-A1D,IO-360-A1D6,IO-360-A1D6D,IO-360-A2A,IO-360-A2A1,IO-360-A2A2,IO-360-A2B,IO-360-A2C,IO-360-A3A1,IO-360-A3A2,IO-360-A3B6,IO-360-A3B6D,IO-360-A3D6D,IO-360-A4A1,IO-360-A4A2,IO-360-A5A1,IO-360-A5A2,IO-360-A6A1,IO-360-A6A2,IO-360-AB,IO-360-AF,IO-360-B,IO-360-B1A,IO-360-B1A1,IO-360-B1A2,IO-360-B1B,IO-360-B1C,IO-360-B1D,IO-360-B1E,IO-360-B1F,IO-360-B1F6,IO-360-B1G6,IO-360-B2A1,IO-360-B2A2,IO-360-B2E,IO-360-B2F,IO-360-B2F6,IO-360-B3A1,IO-360-B4,IO-360-B3A2,IO-360-B4A,IO-360-B4A1,IO-360-B4A2,IO-360-B5A1,IO-360-B5A2,IO-360-B6A1,IO-360-B6A2,IO-360-C,IO-360-C1A,IO-360-C1A1,IO-360-C1A2,IO-360-C1B,IO-360-C1C,IO-360-C1C6,IO-360-C1D6,IO-360-C1E6,IO-360-C1E6D,IO-360-C1F,IO-360-C1G6,IO-360-C2A1,IO-360-C2A2,IO-360-C3A1,IO-360-C3A2,IO-360-C4A1,IO-360-C4A2,IO-360-C5A1,IO-360-C5A2,IO-360-C6A1,IO-360-C6A2,IO-360-CB,IO-360-D,IO-360-D1A,IO-360-D1A1,IO-360-D1A2,IO-360-D2A1,IO-360-D2A2,IO-360-D3A1,IO-360-D3A2,IO-360-D4A1,IO-360-D4A2,IO-360-D4A?1,IO-360-D5A1,IO-360-D5A2,IO-360-D6A1,IO-360-D6A2,IO-360-DB,IO-360-E,IO-360-E1A,IO-360-E1A1,IO-360-E1A2,IO-360-E2A1,IO-360-E2A2,IO-360-E3A1,IO-360-E3A2,IO-360-E4A1,IO-360-E4A2,IO-360-E5A1,IO-360-E5A2,IO-360-E6A1,IO-360-E6A2,IO-360-ES,IO-360-F1A,IO-360-G,IO-360-GB,IO-360-H,IO-360-HB,IO-360-J,IO-360-J1A6D,IO-360-J1AD,IO-360-JB,IO-360-K,IO-360-K2A,IO-360-KB,IO-360-L2A,IO-360-M1A,IO-360-M1B,IO-360-N1A,IO-360-P1A,IO-470-A,IO-470-C,IO-470-D,IO-470-E,IO-470-F,IO-470-G,IO-470-H,IO-470-J,IO-470-K,IO-470-L,IO-470-LO,IO-470-M,IO-470-N,IO-470-P,IO-470-R,IO-470-S,IO-470-T,IO-470-U,IO-470-V,IO-470-VO,IO-520-A,IO-520-B,IO-520-BA,IO-520-BB,IO-520-C,IO-520-CB,IO-520-D,IO-520-E,IO-520-F,IO-520-J,IO-520-K,IO-520-L,IO-520-M,IO-520-MB,IO-520-N,IO-520-NB,IO-520-P,LIO-520-P,IO-550-A,IO-550-B,IO-550-C,IO-550-D,IO-550-E,IO-550-F,

SMALL AIRCRAFT

AD No.	Information	Manufacturer	Applicability

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

			IO-550-G,IO-550-L,IO-550-N,IO-550-P,IO-550-R,O-300-A,O-300-B,O-300-C,O-300-D,O-300-E,O-470-2,O-470-4,O-470-11,O-470-11-CI,O-470-11B,O-470-11B-CI,O-470-13,O-470-13A,O-470-15,O-470-A,O-470-B,O-470-B-CI,O-470-E,O-470-G,O-470-G-CI,O-470-H,O-470-J,O-470-K,O-470-K-CI,O-470-L,O-470-L-CI,O-470-M,O-470-M-CI,O-470-N,O-470-P,O-470-R,O-470-S,O-470-T,O-470-U,TSIO-360-A,TSIO-360-AB,TSIO-360-B,TSIO-360-BB,TSIO-360-C,TSIO-360-CB,TSIO-360-D,TSIO-360-DB,TSIO-360-E,TSIO-360-EB,TSIO-360-F,TSIO-360-FB,TSIO-360-G,TSIO-360-GB,TSIO-360-H,TSIO-360-HB,TSIO-360-JB,TSIO-360-KB,TSIO-360-LB,TSIO-360-MB,TSIO-360-NB,TSIO-360-PB,TSIO-360-RB,TSIO-360-SB,TSIO-520-A,TSIO-520-AE,TSIO-520-AF,TSIO-520-B,TSIO-520-BB,TSIO-520-BE,TSIO-520-C,TSIO-520-CE,TSIO-520-D,TSIO-520-DB,TSIO-520-E,TSIO-520-EB,TSIO-520-G,TSIO-520-H,TSIO-520-J,TSIO-520-JB,TSIO-520-K,TSIO-520-KB,TSIO-520-L,TSIO-520-LB,TSIO-520-M,TSIO-520-N,TSIO-520-NB,TSIO-520-P,TSIO-520-R,TSIO-520-T,TSIO-520-U,TSIO-520-UB,TSIO-520-VB,TSIO-520-WB
2023-17-10		Vulcanair S.p.A.	Vulcanair V1.0
2023-18-03		Viking Air Limited	DHC-3
2023-19-04		Aircraft Industries a.s.	L 410 UVP-E20,L 410 UVP-E20 CARGO,L-420
Biweekly 2023-21			
2023-17-07		Leonardo S.p.a.	A119,AW119 MKII
2023-19-06	R 64-09-03	Viking Air Limited	DHC-2 Mk.II,DHC-2 Mk.I,DHC-2 Mk.III
2023-20-51	E	Airbus Helicopters	AS332C,AS332C1,AS332L,AS332L1,AS332L2,SA330J
Biweekly 2023-22			
2023-20-07		Epic Aircraft LLC	E1000
2023-20-51		Airbus Helicopters	AS332C,AS332C1,AS332L,AS332L1,AS332L2,SA330J
Biweekly 2023-23			
No ADs			
Biweekly 2023-24			
2023-20-03		Austro Engine GmbH	E4,E4P
2023-21-04		Embraer S.A.	EMB-505
2023-21-06		Embraer S.A.	EMB-505
2023-23-01	R 2022-01-05	Airbus Helicopters	EC130T2

SMALL AIRCRAFT

AD No.	Information	Manufacturer	Applicability

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

Biweekly 2023-25

2023-22-03	R 2021–08–02	Safran Helicopter Engines S.A.	Arriel 2D,Arriel 2E
2023-22-11		Embraer S.A.	EMB-505
2023-22-14		Airbus Helicopters	SA-365C1,SA-365C2,SA-365N
2023-24-51	E	Hélicoptères Guimbal	CABRI G2

Biweekly 2023-26

2023-21-06	COR	Embraer S.A.	EMB-505
2023-22-15		Airbus Helicopters Deutschland GmbH (AHD)	MBB-BK 117 D-3
2023-22-17		Viking Air Limited	DHC-3
2023-22-18	A 2022–13–06	Diamond Aircraft Industries Inc	DA 62
2023-24-09		Safran Helicopter Engines S.A.	ARRIUS 2R
2023-24-51		Hélicoptères Guimbal	CABRI G2
2023-25-02		Piper Aircraft Inc.	PA-46-350P,PA-46-500TP,PA-46-600TP

PART 39-AIRWORTHINESS DIRECTIVES

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

[Corrected]

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

2023–21–06Embraer S.A.: Amendment 39–22578; Docket No. FAA–2023–1717; Project Identifier MCAI–2023–00728–A.

(a) Effective Date

This airworthiness directive (AD) is effective December 11, 2023.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Embraer S.A. Model EMB–505 airplanes, as identified in Agência Nacional de Aviação Civil (ANAC) AD 2023–05–03, effective June 2, 2023 (ANAC AD 2023–05–03), certificated in any category.

(d) Subject

Joint Aircraft System Component (JASC) Code 2500, Cabin Equipment/Furnishings.

(e) Unsafe Condition

This AD was prompted by analysis of certain monuments (the right-hand refreshment center and left-hand forward cabinet) that identified the need for installing structural reinforcements and replacing applicable floor support rivets. The FAA is issuing this AD to address the unsafe condition. The unsafe condition, if not addressed, could result in a monument not withstanding the loads expected for specific emergency landing conditions, which may cause the detachment of mass items and result in injuries to the airplane occupants.

(f) Compliance

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

(g) Required Actions

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, ANAC AD 2023–05–03.

(h) Exceptions to ANAC AD 2023–05–03

(1) Where ANAC AD 2023–05–03 refers to its effective date, this AD requires using the effective date of this AD.

(2) The service information referenced in ANAC AD 2023–05–03 allows the use of alternative or similar parts in place of the ones specified in the kits, provided that these alternative or similar parts are approved by Embraer. This AD requires approval from either the Manager, International Validation Branch, FAA; ANAC; or ANAC's authorized Designee. If approved by the ANAC Designee, the approval must include the Designee's authorized signature.

(3) Where the service information referenced in ANAC AD 2023–05–03 specifies discarding parts, this AD requires removing those parts from service.

(4) This AD does not adopt paragraph (d) of ANAC AD 2023–05–03.

(i) No Reporting Requirement

Although the service information referenced in ANAC AD 2023–05–03 specifies to submit certain information to the manufacturer, this AD does not include that requirement.

(j) 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 (k) 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.

(k) Additional Information

For more information about this AD, contact Jim Rutherford, Aviation Safety Engineer, FAA, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; phone: (816) 329–4165; 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) Agência Nacional de Aviação Civil (ANAC) AD 2023–05–03, effective June 2, 2023.

(ii) [Reserved]

(3) For ANAC AD 2023–05–03, contact ANAC, Continuing Airworthiness Technical Branch (GTAC), Rua Doutor Orlando Feirabend Filho, 230-Centro Empresarial Aquarius-Torre B-Andares 14 a 18, Parque

Residencial Aquarius, CEP 12.246–190-São José dos Campos-SP, Brazil; phone: 55 (12) 3203–6600; email: *;* website: *anac.gov.br/en/.* You may find this material on the ANAC website at *sistemas.anac.gov.br /certificacao/DA/DAE.asp.*

(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 November 29, 2023.

Victor Wicklund,

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

[Filed 12–6–23; 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:

2023–22–15: Airbus Helicopters Deutschland GmbH (AHD): Amendment 39–22599; Docket No. FAA–2023–1816; Project Identifier MCAI–2021–01460–R.

(a) Effective Date

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

(b) Affected ADs

None.

(c) Applicability

This AD applies to Airbus Helicopters Deutschland GmbH (AHD) Model MBB–BK 117 D–3 helicopters, certificated in any category.

(d) Subject

Joint Aircraft Service Component (JASC) Code: 6710, Main Rotor Control.

(e) Unsafe Condition

This AD was prompted by recalculations of the inspection intervals for certain parts. The FAA is issuing this AD to reduce the inspection intervals for certain parts. The unsafe condition, if not addressed, could result in failure of a part and loss of control of the helicopter.

(f) Compliance

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

(g) Required Actions

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 2021–0290, dated December 23, 2021; corrected December 23, 2021 (EASA AD 2021–0290).

(h) Exceptions to EASA AD 2021–0290

(1) Where EASA AD 2021–0290 refers to its effective date, this AD requires using the effective date of this AD.

(2) This AD does not adopt the requirements specified in paragraphs (1), (2), (4), and (5) of EASA AD 2021–0290.

(3) Where paragraph (3) of EASA AD 2021–0290 specifies revising "the approved AMP" within 12 months after its effective date, this AD requires revising the airworthiness limitations section of your existing helicopter maintenance manual or instructions for continued airworthiness and your existing approved maintenance or inspection program, as applicable, within 30 days after the effective date of this AD.

(4) The initial compliance time for doing the tasks specified in paragraph (3) of EASA AD 2021–0290 is on or before the applicable "limitations" and "associated thresholds" as incorporated by the requirements of paragraph (3) of EASA AD 2021–0290, or within 30 days after the effective date of this AD, whichever occurs later.

(5) This AD does not adopt the "Remarks" section of EASA AD 2021–0290.

(i) Provisions for Alternative Actions and Intervals

After the airworthiness limitations section of the existing helicopter maintenance manual or instructions for continued airworthiness; and the existing approved maintenance or inspection program, as applicable, has been revised as required by paragraph (g) of this AD, no alternative actions (*e.g.*, inspections) and associated thresholds and intervals, including life limits, are allowed unless they are approved as specified in the provisions of the "Ref. Publications" section of EASA AD 2021–0290.

(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 (303) 342–1080; 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 this AD specifies otherwise.

(i) European Union Aviation Safety Agency (EASA) AD 2021–0290, dated December 23, 2021; corrected December 23, 2021 (EASA AD 2021–0290).

(ii) [Reserved]

(3) For EASA AD 2021–0290, 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, email: , or go to: .

Issued on November 30, 2023.

Victor Wicklund,

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

[Filed 12–8–23; 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:

2023–22–17Viking Air Limited (Type Certificate Previously Held by Bombardier Inc. and de Havilland, Inc.): Amendment 39–22601; Docket No. FAA–2023–1821; Project Identifier MCAI–2022–01045–A.

(a) Effective Date

This airworthiness directive (AD) is effective January 19, 2024.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Viking Air Limited (type certificate previously held by Bombardier Inc. and de Havilland, Inc.) Model DHC–3 airplanes, all serial numbers, certificated in any category.

(d) Subject

Joint Aircraft System Component (JASC) Code 7120, Engine Mount Section.

(e) Unsafe Condition

This AD was prompted by a report of cracking in the left-hand side (LHS) and right-hand side (RHS) lower engine mount pickup fittings. The FAA is issuing this AD to address cracking in the LHS and RHS lower engine mount pickup fittings. The unsafe condition, if not addressed, could, in the case of cracking of any of the engine mount pickup fittings, result in failure of the fitting, leading to a loose connection of the engine mount ring, which provides main support for the engine at the firewall, and consequent reduced control of the airplane.

(f) Compliance

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

(g) Required Actions

(1) Within 6 months after the effective date of this AD, do a detailed visual inspection of the lower engine mount pickup fittings part numbers (P/Ns) C3FS46–7 and C3FS46–8 and the upper engine mount pickup fittings P/Ns C3FS42–5 and C3FS42–6 for cracking, deformation (altered form or shape), corrosion, fretting

or wear, paint or surface coating damage (loose, delaminating, flaking, peeling, chipping of the coating or paint, exposed bare metal, or corroded), and loose, missing, or broken fasteners, in accordance with Part A, steps 1 through 8, of the Accomplishment Instructions in Viking Service Bulletin V3/0012, Revision NC, dated January 20, 2022 (Viking SB V3/0012).

(2) If any crack or deformation (altered form or shape) of any engine mount pickup fitting is found during the detailed visual inspection required by paragraph (g)(1) of this AD, before further flight, replace the fitting with a new or serviceable part, in accordance with Part A, step 10, of the Accomplishment Instructions in Viking SB V3/0012. For purposes of this AD, “new” means zero hours time-in-service.

(3) If any paint or surface coating of the engine mount pickup fitting is found damaged (loose, delaminating, flaking, peeling, chipping of the coating or paint, exposed bare metal, or corroded) during the detailed visual inspection required by paragraph (g)(1) of this AD, before further flight, repair the fitting in accordance with Part 1 of Viking PSM 1–3–5, DHC–3 Otter Supplemental Inspection and Corrosion Control Manual, Revision IR, dated December 21, 2017 (Viking PSM 1–3–5, Revision IR), and Part A, step 12, of the Accomplishment Instructions in Viking SB V3/0012. Where Part 1 of Viking PSM 1–3–5, Revision IR, specifies contacting Viking if the alloy and condition of an affected engine mount pickup fitting cannot be identified, this AD requires contacting the Manager, International Validation Branch, FAA; Transport Canada; or Viking's Transport Canada Design Approval Organization (DAO) for instructions.

(4) If any loose, missing, or broken fastener is found during the detailed visual inspection required by paragraph (g)(1) of this AD, before further flight, replace the fastener with a new fastener, do a detailed visual inspection of the fastener hole to detect cracking, corrosion, an elongated bore hole, bore surface roughness, or other defects (abnormalities when compared to a new part), and repair any damage found or replace the engine mount pickup fitting with a new or serviceable part if damage is beyond repairable limits, in accordance with Part 1 of Viking PSM 1–3–3 DHC–3 Otter Repair Manual, dated August 1, 1963, and Part A, step 9, of the Accomplishment Instructions in Viking SB V3/0012.

(5) If any corrosion, wear, or fretting to any engine mount pickup fitting is found during the detailed visual inspection required by paragraph (g)(1) of this AD, before further flight, contact the Manager, International Validation Branch, FAA; Transport Canada; or Viking's Transport Canada DAO to obtain instructions for an approved repair and, within the compliance timeframe specified therein, do the repair. If approved by the DAO, the approval must include the DAO-authorized signature. Alternatively, before further flight, replace the engine mount pickup fitting with a new or serviceable part in accordance with Part A, step 10, of the Accomplishment Instructions in Viking SB V3/0012.

(h) Reporting Requirement

Report the inspection results from the detailed visual inspection required by paragraph (g)(1) of this AD at the applicable time specified in paragraph (h)(1) or (2) of this AD in accordance with Part A, step 14, of the Accomplishment Instructions in Viking SB V3/0012.

(1) For inspections done on or after the effective date of this AD: Submit the report within 30 days after the inspection.

(2) For inspections done before the effective date of this AD: Submit the report within 30 days after the effective date of this AD.

(i) 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 (j)(2) 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.

(j) Additional Information

(1) Refer to Transport Canada AD CF–2022–41, dated August 4, 2022, for related information. This Transport Canada AD may be found in the AD docket at *regulations.gov* under Docket No. FAA–2023–1821.

(2) For more information about this AD, contact Yaser Osman, Aviation Safety Engineer, FAA, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; phone: (917) 348–6266; email: .

(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 and .

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

(i) Viking PSM 1–3–3, DHC–3 Otter Repair Manual, Part 1, dated August 1, 1963.

Note 1 to paragraph (k)(2)(i):

Although the document specified in paragraph (k)(2)(i) has the watermarked words “Uncontrolled for Reference Only” on the title page and each page of the table of contents, and the watermarked word “Uncontrolled” on each page of Part 1, this is a current version of that document.

(ii) Viking PSM 1–3–5, DHC–3 Otter Supplemental Inspection and Corrosion Control Manual, Revision IR, Part 1, dated December 21, 2017.

(iii) Viking Service Bulletin V3/0012, Revision NC, dated January 20, 2022.

(3) For Viking service information identified in this AD, contact Viking Air Limited Technical Support, 1959 de Havilland Way, Sidney, British Columbia, Canada, V8L 5V5; phone: (800) 663–8444; fax: (403) 295–8888; email: *;* website: *vikingair.com/support/service-bulletins.*

(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 November 3, 2023.

Victor Wicklund,

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

[Filed 12–14–23; 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:

2023–22–18Diamond Aircraft Industries Inc: Amendment 39–22602; Docket No. FAA–2023–1812; Project Identifier MCAI–2023–00726–A.

(a) Effective Date

This airworthiness directive (AD) is effective January 19, 2024.

(b) Affected ADs

AD 2022–13–06, Amendment 39–22092 (, July 7, 2022) is related to this AD.

(c) Applicability

This AD applies to Diamond Aircraft Industries Inc. Model DA 62 airplanes, all serial numbers, certificated in any category.

(d) Subject

Joint Aircraft System Component (JASC) Code 2550, Cargo Compartments.

(e) Unsafe Condition

This AD was prompted by reports of baggage nets installed with defective buckles. The FAA is issuing this AD to prevent failure of the baggage net to restrain the baggage or cargo. The unsafe condition, if not addressed, could result in injury to occupants in the case of an emergency landing.

(f) Compliance

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

(g) Definition

The following are “affected baggage nets” for purposes of this AD: Quick fix baggage net assembly part number D67–2550–90–00_02 with a date of manufacture of June 2016.

(h) Required Actions

(1) Within 12 months after the effective date of this AD or within 50 hours time-in-service after the effective date of this AD, whichever occurs first, inspect each baggage net to determine whether an affected baggage net is installed on your airplane.

Note 1 to the introductory text of paragraph (h)(1):

The date of manufacture is located on the label with the abbreviation “DMF.”

(i) If an affected baggage net is installed, before further flight, remove the baggage net from service.

(ii) Before the next flight carrying baggage or cargo in the baggage compartment, install a baggage net that is not an affected baggage net in accordance with Figure 1 of the Accomplishment Instructions in Diamond Aircraft Industries Mandatory Service Bulletin MSB 62–028, Rev. 1, dated July 6, 2021.

(2) As of the effective date of this AD, do not install an affected baggage net on any airplane.

(i) 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 (j)(2) 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.

(j) Additional Information

(1) Refer to Transport Canada AD CF–2021–24, dated July 21, 2021, for related information. This Transport Canada AD may be found in the AD docket at *regulations.gov* under Docket No. FAA–2023–1812.

(2) For more information about this AD, contact Fatin Saumik, Aviation Safety Engineer, FAA, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; phone: (516) 228–7350; email: .

(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 and .

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

(i) Diamond Aircraft Industries Mandatory Service Bulletin MSB 62–028, Rev. 1, dated July 6, 2021.

(ii) [Reserved]

(3) For service information identified in this AD, contact Diamond Aircraft Industries Inc., Att: Thit Tun, 1560 Crumlin Road, London, N5V 1S2, Canada; phone: (519) 457–4000; email: *;* website: *diamondaircraft.com.*

(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 November 3, 2023.

Victor Wicklund,

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

[Filed 12–14–23; 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:

2023–24–09Safran Helicopter Engines, S.A. (Type Certificate Previously Held by Turbomeca, S.A.): Amendment 39–22626; Docket No. FAA–2023–1397; Project Identifier MCAI–2023–00014–E.

(a) Effective Date

This airworthiness directive (AD) is effective January 17, 2024.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Safran Helicopter Engines, S.A. (type certificate previously held by Turbomeca S.A.) Model Arrius 2R engines.

(d) Subject

Joint Aircraft System Component (JASC) Code 7700, Engine Indicating System.

(e) Unsafe Condition

This AD was prompted by reports of inconsistencies between the torque (TQ) and measured gas temperature (MGT) conformation values recorded in the avionics and the TQ and MGT conformation values recorded on the engine log cards following replacement of the M01 or M02 modules installed on the engine. The FAA is issuing this AD to address inconsistencies between the TQ and MGT conformation values recorded. The unsafe condition, if not addressed, could result in reduced control of the helicopter due to one or more of the following: a power non-availability; a high-pressure blade rupture with consequent power loss and release of low-energy debris; or an overpassing of the helicopter transmission limit.

(f) Compliance

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

(g) Required Actions

Except as specified in paragraphs (h) and (i) of this AD: Perform all required actions within the compliance times specified in, and in accordance with, European Union Aviation Safety Agency (EASA) AD 2022–0265R1, dated January 6, 2023 (EASA AD 2022–0265R1).

(h) Exceptions to EASA AD 2022–0265R1

(1) Where EASA AD 2022–0265R1 refers to January 4, 2023 (the effective date of the original issue of EASA AD 2022–0265), this AD requires using the effective date of this AD.

(2) This AD does not adopt the Remarks paragraph of EASA AD 2022–0265R1.

(i) No Reporting Requirement

Although the service information referenced in EASA AD 2022–0265R1 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 and email 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) Additional Information

For more information about this AD, contact Kevin Clark, Aviation Safety Engineer, FAA, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; phone: (781) 238–7088; 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 2022–0265R1, dated January 6, 2023.

(ii) [Reserved]

(3) For EASA AD 2022–0265R1, contact EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; phone: +49 221 8999 000; email: *;* website: *easa.europa.eu.* You may find this EASA AD on the EASA website at *ad.easa.europa.eu.*

(4) You may view this service information at the 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 (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 November 30, 2023.

Ross Landes,

Deputy Director for Regulatory Operations, Compliance & Airworthiness Division, Aircraft Certification Service.

[Filed 12–12–23; 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:

2023–24–51Hélicoptères Guimbal: Amendment 39–22627; Docket No. FAA–2023–2239; Project Identifier MCAI–2023–01201–R.

(a) Effective Date

The FAA issued Emergency Airworthiness Directive (AD) 2023–24–51 on November 21, 2023, directly to affected owners and operators. As a result of such actual notice, that emergency AD was effective for those owners and operators on the date it was provided. This AD contains the same requirements as that emergency AD and, for those who did not receive actual notice, is effective on December 28, 2023.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Hélicoptères Guimbal Model Cabri G2 helicopters, certificated in any category.

(d) Subject

Joint Aircraft System Component (JASC) Code: 6710, Main Rotor Control.

(e) Unsafe Condition

This AD was prompted by reports of a crack in the pilot cyclic stick base. The FAA is issuing this AD to detect a cracked pilot or co-pilot cyclic stick base. The unsafe condition, if not addressed, could result in failure of the pilot or co-pilot cyclic stick base 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) Emergency AD 2023–0204–E, dated November 20, 2023 (EASA AD 2023–0204–E).

(h) Exceptions to EASA AD 2023–0204–E

(1) Where EASA AD 2023–0204–E defines “the SB,” this AD requires using Guimbal Mandatory Service Bulletin SB 23–006, Revision B, dated November 14, 2023.

(2) Where EASA AD 2023–0204–E refers to its effective date, this AD requires using the effective date of this AD.

(3) Where EASA AD 2023–0204–E requires compliance in terms of flight hours, this AD requires using hours time-in-service.

(4) Where Table 1 in EASA AD 2023–0204–E states, “Compliance Time after the Effetive Date,” for this AD, replace that text with, “Compliance Time after the Effective Date.”

(5) Where Note (1) of EASA AD 2023–0204–E states, “For the initial inspection, a single ferry flight without passengers is allowed to a maintenance location, where the actions required by this AD can be accomplished,” for this AD, replace that text with, “For the initial inspection, a single special flight permit may be issued in accordance with and to a maintenance location where the actions required by this AD can be accomplished, provided there are no passengers onboard.”

(6) Where the service information referenced in EASA AD 2023–0204–E states performing a dye-penetrant inspection, this AD does not require that action.

(7) Instead of complying with paragraphs (2) and (3) of EASA AD 2023–0204–E and paragraph d) of the service information referenced in EASA AD 2023–0204–E, for this AD, comply with the following: “As a result of an inspection required by paragraph (1) of EASA AD 2023–0204–E, if there is a crack, before further flight, remove the affected part, as defined in EASA AD 2023–0204–E, from service and replace it with a serviceable part, as defined in EASA AD 2023–0204–E, in accordance with a method approved by the Manager, International Validation Branch, FAA; or EASA; or Hélicoptères Guimbal EASA Design Organization Approval (DOA). If approved by the DOA, the approval must include the DOA-authorized signature.”

(8) This AD does not adopt the “Remarks” section of EASA AD 2023–0204–E.

(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 . 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 (j) 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.

(j) Additional Information

For more information about this AD, contact Dan McCully, Aviation Safety Engineer, FAA, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; phone (404) 474–5548; email .

(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 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) Emergency AD 2023–0204–E, dated November 20, 2023.

(ii) Guimbal Mandatory Service Bulletin SB 23–006, Revision B, dated November 14, 2023.

(3) For EASA AD 2023–0174–E, 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) For Guimbal service information identified in this AD, contact contact Hélicoptères Guimbal, 1070, rue du Lieutenant Parayre, Aérodrome d'Aix-en-Provence, 13290 Les Milles, France; phone 33–04–42–39–10–88; email *;* or at *guimbal.com.*

(5) 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.

(6) 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, visit or email .

Issued on December 8, 2023.

Victor Wicklund,

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

[Filed 12–11–23; 11:15 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:

2023–25–02Piper Aircraft, Inc.: Amendment 39–22629; Docket No. FAA–2023–2241; Project Identifier AD–2023–01214–A.

(a) Effective Date

This airworthiness directive (AD) is effective December 19, 2023.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Piper Aircraft, Inc. airplanes identified in paragraphs (c)(1) through (3) of this AD, certificated in any category.

(1) Model PA–46–350P airplanes, serial numbers 4636811 through 4636814 inclusive and 4636816 through 4636829 inclusive.

(2) Model PA–46–500TP airplanes, serial numbers 4697692 through 4697700 inclusive.

(3) Model PA–46–600TP airplanes, serial numbers 4698224 through 4698240 inclusive and 4698242 through 4698274 inclusive.

(d) Subject

Joint Aircraft System Component (JASC) Code 2701, Control Column Section.

(e) Unsafe Condition

This AD was prompted by a report that a bearing fell out of a control column mount during routine handling prior to installation in an affected airplane and the discovery that a quality escape condition could exist on other airplanes. The FAA is issuing this AD to address a missing retaining ring in a control column mount. A missing retaining ring in a control column mount, if not addressed, could lead to a major failure in the aileron quadrant assembly and result in loss of pitch and roll control during flight with consequent loss of control of the airplane.

(f) Compliance

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

(g) Required Actions

Before further flight after the effective date of this AD, do all applicable actions identified as “RC” (required for compliance) in, and in accordance with Part III. of the Instructions in Piper Service Bulletin No. 1409A, dated November 21, 2023 (Piper SB 1409A).

(h) Special Flight Permit

For airplanes with greater than 25 flight hours time since new, a one-time flight is allowed to reach the nearest facility that is capable of doing the inspection and repair described in Part III. of the Instructions in Piper SB 1409A, provided the flight is with minimum required crew and after verification of the integrity of the left and right control columns (the control columns do not feel or visually appear to be loose, do not have a substantial increase in control force requirements, or do not have a reduction in control authority).

(i) Alternative Methods of Compliance (AMOCs)

(1) The Manager, East Certification 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 East Certification Branch, send it to the attention of the person identified in paragraph (j) of this AD and email 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.

(3) An AMOC that provides an acceptable level of safety may be used for any repair, modification, or alteration required by this AD if it is approved by the Piper Organization Designation Authorization (ODA) that has been authorized by the Manager, East Certification Branch to make those findings. To be approved, the repair method, modification deviation, or alteration deviation must meet the certification basis of the airplane, and the approval must specifically refer to this AD.

(4) Except as required by paragraph (g) of this AD: For service information that contains steps that are labeled as Required for Compliance (RC), the following provisions apply.

(i) The steps labeled as RC, including substeps under an RC step and any figures identified in an RC step, must be done to comply with the AD. An AMOC is required for any deviations to RC steps, including substeps and identified figures.

(ii) The steps not labeled as RC may be deviated from using accepted methods in accordance with the operator's maintenance or inspection program without obtaining approval of an AMOC, provided the RC steps, including substeps and identified figures, can still be done as specified, and the airplane can be put back in an airworthy condition.

(j) Additional Information

For more information about this AD, contact Tuan Tran, Aviation Safety Engineer, FAA, 1701 Columbia Avenue, College Park, GA 30337; phone: (404) 474–5522; email: .

(k) 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 and .

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

(i) Piper Service Bulletin No. 1409A, dated November 21, 2023.

(ii) [Reserved]

(3) For service information identified in this AD, contact Piper Aircraft, Inc., 2926 Piper Drive, Vero Beach, FL 32960; phone: (772) 291–2141; website: .

(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 December 8, 2023.

Victor Wicklund,

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

[Filed 12–11–23; 4:15 pm]

BILLING CODE 4910–13–P