FEDERAL AVIATION ADMINISTRATION
AIRWORTHINESS DIRECTIVES

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

BIWEEKLY 2023-21

09/25/2023 - 10/08/2023

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

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:

AD 2023–17–07Leonardo S.p.a.: Amendment 39–22533; Docket No. FAA–2023–1207; Project Identifier MCAI–2022–00925–R.

(a) Effective Date

This airworthiness directive (AD) is effective November 1, 2023.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Leonardo S.p.a. Model A119 and AW119 MKII helicopters, certificated in any category.

(d) Subject

Joint Aircraft Service Component (JASC) Code: 2435, Starter-Generator.

(e) Unsafe Condition

This AD was prompted by a report of an electrical failure of a starter-generator that was caused by a ruptured drive shaft. The failure was not detected by the generator control unit and caused partial loss of battery power. The FAA is issuing this AD to prevent electrical failure of the starter-generator, possibly due to incorrect installation or removal. The unsafe condition, if not addressed, could result in complete loss of electrical power 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 paragraphs (h) and (i) of this AD: Comply with all required actions and compliance times specified in, and in accordance with, European Union Aviation Safety Agency EASA AD 2022–0148, dated July 14, 2022 (EASA AD 2022–0148).

(h) Exceptions to EASA AD 2022–0148

(1) Where EASA AD 2022–0148 refers to its effective date, this AD requires using the effective date of this AD.

(2) Where EASA AD 2022–0148 requires compliance in terms of flight hours, this AD requires using hours time-in-service.

(3) Where paragraph (1) of EASA AD 2022–0148 states to, “inspect the drive shaft;” for this AD, replace that text with,” inspect the drive shaft for misalignment and a crack.”

(4) Where the service information referenced in EASA AD 2022–0148 specifies to proceed with subsequent procedures if there is misalignment or if the alignment is not clear; for this AD, proceed with those subsequent procedures before further flight.

(5) Where the service information referenced in EASA AD 2022–0148 states, “with reference to Annex A, perform a liquid penetrant inspection of the drive-shaft, in order to detect the presence of eventual cracks;” for this AD, replace that text with “With reference to Annex A, perform a dye penetrant inspection of the drive-shaft in order to detect any cracks.”

(6) Where the service information referenced in paragraph (1) of EASA AD 2022–0148 specifies contacting LH [Leonardo Helicopters] spare management to send a starter-generator directly to an authorized repair station for repair and sending the starter-generator to an authorized repair station for repair, this AD does not require those actions.

(7) Where paragraphs (2) and (4) of EASA AD 2022–0148 state, “Part II of the ASB;” for this AD, replace that text with, “AMP Data Modules 19–A–24–30–04–00A–520A–A, Starter Generator-Remove Procedure and 19–A–24–30–04–00A–720A–A, Starter Generator-Install Procedure, each Issue 001 and dated May 24, 2021. Except where AMP Data Module 19–A–24–30–04–00A–520A–A Starter Generator-Remove Procedure specifies discarding parts, for this AD, remove those parts from service.”

(8) This AD does not require paragraph (3) of EASA AD 2022–0148.

(9) This AD does not adopt the “Remarks” section of EASA AD 2022–0148.

(i) No Reporting Requirement

Although the service information referenced in EASA AD 2022–0148 specifies to submit certain information to the manufacturer, this AD does not include that requirement.

(j) Special Flight Permit

Special flight permits may be issued in accordance with and , provided they are restricted to visual flight rules (VFR) with night operations prohibited and no passengers are onboard.

(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 toyour 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 Hal Jensen, Aviation Safety Engineer, FAA, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone (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 the AD specifies otherwise.

(i) European Union Aviation Safety Agency (EASA) AD 2022–0148, dated July 14, 2022.

(ii) [Reserved]

(3) For EASA AD 2022–0148, 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 service information that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, email: , or go to: .

Issued on August 22, 2023.

Victor Wicklund,

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

[Filed 9–26–23; 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:

Removing Airworthiness Directive 64–09–03, Amendment 718 (, April 22, 1964); and

Adding the following new airworthiness directive:

2023–19–06Viking Air Limited (Type Certificate Previously Held by Bombardier Inc. and de Havilland Inc.): Amendment 39–22556; Docket No. FAA–2022–0190; Project Identifier 2019–CE–048–AD.

(a) Effective Date

This airworthiness directive (AD) is effective November 6, 2023.

(b) Affected ADs

This AD replaces AD 64–09–03, Amendment 718 (, April 22, 1964).

(c) Applicability

This AD applies to Viking Air Limited (type certificate previously held by Bombardier Inc. and de Havilland Inc.) Model DHC–2 Mk. I, DHC–2 Mk. II, and DHC–2 Mk. III airplanes, all serial numbers, certificated in any category.

(d) Subject

Joint Aircraft System Component (JASC) Code 2000, Airframe.

(e) Unsafe Condition

This AD was prompted by mandatory continuing airworthiness information (MCAI) originated by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as corrosion-related degradation in aging aircraft. The FAA is issuing this AD to detect and address corrosion, which could lead to structural failure 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

(1) Within 90 days after the effective date of this AD, incorporate into the existing maintenance records required by or , as applicable for your airplane, the actions and associated thresholds and intervals, including life limits, specified in Parts 2 and 3 of Viking DHC–2 Beaver Supplemental Inspection and Corrosion Control Manual, PSM 1–2–5, Revision 1, dated January 10, 2019 (Viking PSM 1–2–5, Revision 1). Do each initial task within 6 months after the effective date of this AD or at the threshold for each applicable task specified in Part 3 of Viking Product Support Manual PSM 1–2–5, Revision 1, whichever occurs later. Where Viking PSM 1–2–5, Revision 1, specifies contacting Viking for instructions on forward and rear fin attachment bolt replacement, inspection, and installation, and for a disposition regarding attachment bolts, this AD requires contacting the Manager, International Validation Branch, FAA; or Transport Canada; or Viking's Transport Canada Design Approval Organization (DAO). If approved by the DAO, the approval must include the DAO-authorized signature.

Note 1 to paragraph (g)(1):

Viking DHC–2 Beaver Service Bulletin V2/0011, Revision NC, dated November 28, 2019, contains additional information related to this AD.

(2) After the action required by paragraph (g)(1) of this AD has been done, no alternative actions and associated thresholds and intervals, including life limits, are allowed unless they are approved as specified in paragraph (i) of this AD.

(h) Reporting

(1) For inspections done after the effective date of this AD, report to Viking any Level 2 or Level 3 corrosion, as specified in Viking PSM 1–2–5, Revision 1, at the times specified in and in accordance with part 3, paragraph 5, of Viking PSM 1–2–5, Revision 1.

(2) For inspections done before the effective date of this AD, within 30 days after the effective date of this AD, report to Viking any Level 2 or Level 3 corrosion, as specified in Viking PSM 1–2–5, Revision 1, in accordance with part 3, paragraph 5, of Viking PSM 1–2–5, Revision 1.

(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, mail it to ATTN: Program Manager, Continuing Operational Safety, at the address identified in paragraph (j)(2) of this AD or email to: . If mailing information, also submit information by email.

(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 specifically for this AD by the Manager, International Validation Branch, FAA.

(j) Additional Information

(1) Refer to the MCAI from Transport Canada, AD CF–2019–25, dated July 5, 2019, for related information. This Transport Canada AD may be found in the AD docket at *regulations.gov* under Docket No. FAA–2022–0190.

(2) For more information about this AD, contact James Delisio, Continued Operational Safety Program Manager, FAA, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; phone: (516) 228–7321; email: .

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

(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 DHC–2 Beaver Supplemental Inspection and Corrosion Control Manual, PSM 1–2–5, Revision 1, dated January 10, 2019.

(ii) [Reserved]

(3) For 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: (250) 656–0673; 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 service information that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, email: , or go to: .

Issued on September 15, 2023.

Victor Wicklund,

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

Footnotes

1. Small Business Administration (SBA). 2022. Table of Size Standards. Effective July 14, 2022. .

2. Two airplanes are registered to the U.S. Department of the Interior. Five airplanes are registered to the United States Forest Service, within the U.S. Department of Agriculture. Two airplanes are registered to the State of Alaska to the Alaska Department of Fish & Game. These government agencies and are not small entities under the RFA.

3. The sample was selected by shuffling the order of the list of 409 DHC–2 airplanes in the FAA Registry and going down the randomized list. If revenue and employee count data were available, it was included in the sample; otherwise, it was excluded. This process was repeated until 50 firms, for which revenue and employee data were available, had been added to the sample. The shuffling was accomplished by giving each entry in the registry an index value between 0 and 1 using Excel's RAND function. The entries were then sorted by that index value to randomize their order.

4. These revenue data come from online sources such as *zoominfo.com, opencorporates.com, buzzfile.com, manta.com, allbiz.com,* and *lookupcompanyrevenue.com.*

[Filed 9–29–23; 8:45 am]

BILLING CODE 4910–13–P

FAA
Aviation Safety

EMERGENCY AIRWORTHINESS DIRECTIVE
www.faa.gov/aircraft/safety/alerts/

DATE: October 2, 2023
AD #: 2023-20-51

Emergency Airworthiness Directive (AD) 2023-20-51 is sent to owners and operators of Airbus Helicopters Model AS332C, AS332C1, AS332L, AS332L1, AS332L2, and SA330J helicopters.

Background

This emergency AD was prompted by a report of three newly supplied main rotor swashplate bushing retaining plates manufacturer part number 330A31-3120-20 with oversized internal diameters. The European Union Aviation Safety Agency (EASA), which is the aviation authority for the European Union, has issued EASA Emergency AD 2023-0174-E, dated October 2, 2023 (EASA AD 2023-0174-E), to correct an unsafe condition on Airbus Helicopters Model SA 330 J, AS 332 C, AS 332 C1, AS 332 L, AS 332 L1, and AS 332 L2 helicopters. EASA AD 2023-0174-E states that during an overhaul of a main rotor assembly, the retaining bushes were identified as out of tolerance with a diameter of 39 mm (1.535 in.) instead of 31 mm (1.22 in.). EASA AD 2023-0174-E also states that affected retaining bushes may be installed on main rotor rotating and non-rotating swashplates. Accordingly, EASA AD 2023-0174-E requires a one-time inspection to measure the internal diameter of affected retaining bushes and depending on the results, accomplishing an additional inspection, replacing non-conforming retaining bushes, or contacting AH [Airbus Helicopters] for approved repair instructions. EASA AD 2023-0174-E also prohibits installing an affected retaining bush unless it has passed its required inspection.

This emergency AD is intended to detect out of tolerance main rotor swashplate bushing retaining plates. This condition, if not addressed, could result in damage to the main rotor assembly and subsequent loss of control of the helicopter.

Related Service Information

The FAA reviewed EASA AD 2023-0174-E, which requires a one-time inspection to measure the internal diameter of affected retaining bushes and depending on the results, inspecting the scissor attachment ball joint seating or replacing non-conforming retaining bushes. Depending on the results of the scissor attachment ball joint seating inspection, EASA AD 2023-0174-E requires contacting AH [Airbus Helicopters] for approved repair instructions and accomplishing those instructions accordingly. Lastly, EASA AD 2023-0174-E prohibits installing an affected retaining bush unless it has passed its required inspection. Additionally, EASA AD 2023-0174-E refers to a “bushing retaining plate” as a “retaining bush.”

Other Related Service Information

The FAA also reviewed Airbus Helicopters Emergency Alert Service Bulletins AS332-62-00-0001 and SA330-65-00-0003, each Revision 1 and dated September 29, 2023. This service information specifies procedures for measuring the internal diameter of the bush retainings on the rotating and non-rotating swashplates and, if at least one internal diameter of the three bush retainings is more than 33 mm (1.3 in.), contacting Airbus Helicopters, removing and discarding each out of

tolerance bush retaining, and checking the ball joint seating on the support. If the ball joint is not properly seated on the support, this service information specifies contacting Airbus Helicopters to get a repair solution. Lastly, this service information specifies procedures for installing new bush retainings. Additionally, Airbus Helicopters refers to a "bushing retaining plate" as either a "bush retaining," "stop ring," or "retaining bush" in its service information.

FAA's Determination

These products have been approved by the aviation authority of another country and are approved for operation in the United States. Pursuant to the FAA's bilateral agreement with this State of Design Authority, it has notified the FAA of the unsafe condition described in its emergency AD described above. The FAA is issuing this emergency AD after determining that the unsafe condition described previously is likely to exist or develop on other products of the same type designs.

Emergency AD Requirements

This emergency AD requires accomplishing the actions specified in EASA AD 2023-0174-E, described previously, as incorporated by reference, except for any differences identified as exceptions in the regulatory text of this emergency AD and except as discussed under "Differences Between this Emergency AD and the EASA Emergency AD."

Explanation of Required Compliance Information

In the FAA's ongoing efforts to improve the efficiency of the AD process, the FAA developed a process to use some civil aviation authority (CAA) ADs as the primary source of information for compliance with requirements for corresponding FAA ADs. The FAA has been coordinating this process with manufacturers and CAAs. As a result, EASA AD 2023-0174-E is incorporated by reference in this FAA emergency AD. This emergency AD, therefore, requires compliance with EASA AD 2023-0174-E in its entirety through that incorporation, except for any differences identified as exceptions in the regulatory text of this emergency AD. Using common terms that are the same as the heading of a particular section in EASA AD 2023-0174-E does not mean that operators need comply only with that section. For example, where the emergency AD requirement refers to "all required actions and compliance times," compliance with this emergency AD requirement is not limited to the section titled "Required Action(s) and Compliance Time(s)" in EASA AD 2023-0174-E.

Differences Between this Emergency AD and the EASA Emergency AD

The service information referenced in EASA AD 2023-0174-E specifies contacting Airbus Helicopters to get a repair solution and EASA AD 2023-0174-E requires contacting AH [Airbus Helicopters] for approved repair instructions and accomplishing those instructions accordingly if a scissor attachment ball joint is not properly seated, whereas this emergency AD requires repair done in accordance with a method approved by the FAA, EASA, or Airbus Helicopters' EASA Design Organization Approval.

Justification for Immediate Adoption and Determination of the Effective Date

Section 553(b)(3)(B) of the Administrative Procedure Act (APA) (5 U.S.C. 551 *et seq.*) authorizes agencies to dispense with notice and comment procedures for rules when the agency, for "good cause," finds that those procedures are "impracticable, unnecessary, or contrary to the public interest." Under this section, an agency, upon finding good cause, may issue a final rule without providing notice and seeking comment prior to issuance. Further, section 553(d) of the APA authorizes agencies to make rules effective in less than thirty days, upon a finding of good cause.

An unsafe condition exists that requires the immediate adoption of this emergency AD to all known U.S. owners and operators of these helicopters. The FAA has found that the risk to the flying public justifies foregoing notice and comment prior to adoption of this rule because the affected components are part of an assembly that is critical to the control of a helicopter. As the FAA has no information pertaining to the quantity of non-conforming components that may currently exist in the U.S. fleet or how quickly the condition may propagate to failure, the actions required by this AD must be accomplished within two days. Accordingly, notice and opportunity for prior public comment are impracticable and contrary to the public interest pursuant to 5 U.S.C. 553(b)(3)(B).

In addition, the FAA finds that good cause exists pursuant to 5 U.S.C. 553(d) for making this amendment effective in less than 30 days, for the same reasons the FAA found good cause to forego notice and comment.

Authority for this Rulemaking

Title 49 of the United States Code specifies the FAA's authority to issue rules on aviation safety. Subtitle I, section 106, describes the authority of the FAA Administrator. Subtitle VII: Aviation Programs, describes in more detail the scope of the Agency's authority.

The FAA is issuing this rulemaking under the authority described in Subtitle VII, Part A, Subpart III, Section 44701: General requirements. Under that section, Congress charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for safety in air commerce. This regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

Presentation of the Actual Emergency Airworthiness Directive

The FAA is issuing this emergency airworthiness directive under 49 U.S.C. 106(g), 40113, and 44701 according to the authority delegated to me by the Administrator.

2023-20-51 **AIRBUS HELICOPTERS:** Project Identifier MCAI-2023-01045-R.

(a) Effective Date

This emergency airworthiness directive (AD) is effective upon receipt.

(b) Affected ADs

None.

(c) Applicability

This emergency AD applies to Airbus Helicopters Model AS332C, AS332C1, AS332L, AS332L1, AS332L2, and SA330J helicopters, certificated in any category.

(d) Subject

Joint Aircraft Service Component (JASC) Code: 6230, Main Rotor Mast/Swashplate.

(e) Unsafe Condition

This emergency AD was prompted by a report of three newly supplied main rotor swashplate bushing retaining plates with oversized internal diameters. The FAA is issuing this emergency AD to

detect out of tolerance main rotor swashplate bushing retaining plates. The unsafe condition, if not addressed, could result in damage to the main rotor assembly and subsequent loss of control of the helicopter.

Note 1 to paragraph (e): European Union Aviation Safety Agency (EASA) Emergency AD 2023-0174-E, dated October 2, 2023 (EASA AD 2023-0174-E), refers to a "bushing retaining plate" as a "retaining bush." The service information referenced in EASA AD 2023-0174-E refers to a "bushing retaining plate" as either a "bush retaining," "stop ring," or "retaining bush."

(f) Compliance

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

(g) Requirements

Except as specified in paragraphs (h) and (i) of this emergency AD: Comply with all required actions and compliance times specified in, and in accordance with, EASA AD 2023-0174-E.

(h) Exceptions to EASA AD 2023-0174-E

(1) Where EASA AD 2023-0174-E refers to its effective date, this emergency AD requires using the effective date of this emergency AD.

(2) Where paragraph (1) of EASA AD 2023-0174-E states, "before next flight," for this emergency AD, replace that text with, "within two calendar days."

(3) Where paragraph (2) of EASA AD 2023-0174-E specifies inspecting the scissor attachment ball joint seating without a compliance time, this emergency AD requires that action before further flight.

(4) Where the service information referenced in EASA AD 2023-0174-E specifies discarding parts, this emergency AD requires removing those parts from service.

(5) Where the service information referenced in EASA AD 2023-0174-E specifies contacting Airbus Helicopters if at least one internal diameter of the three bushing retaining plates is more than 33 mm (1.3 in), this emergency AD does not require that action.

(6) Where the service information referenced in EASA AD 2023-0174-E specifies contacting Airbus Helicopters to get a repair solution and paragraph (4) of EASA AD 2023-0174-E requires contacting AH [Airbus Helicopters] for approved repair instructions and accomplishing those instructions accordingly if a scissor attachment ball joint is not properly seated, this emergency AD requires repair done in accordance with a method approved by the Manager, International Validation Branch, FAA; or EASA; or Airbus Helicopters' EASA Design Organization Approval (DOA). If approved by the DOA, the approval must include the DOA-authorized signature.

(7) This emergency AD does not adopt the "Remarks" section of EASA AD 2023-0174-E.

(i) No Reporting Requirement

Although the service information referenced in EASA AD 2023-0174-E specifies to submit certain information to the manufacturer, this emergency AD does not include that requirement.

(j) Special Flight Permits

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 emergency AD, if requested using the procedures found in § 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the manager of the International Validation Branch, send it to the attention of the person identified in paragraph (l)(1) of this emergency AD or email to: 9-AVS-AIR-730-AMOC@faa.gov. If mailing information, also submit information by email.

(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) Additional Information

(1) For more information about this emergency AD, contact Dan McCully, Aviation Safety Engineer, FAA, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; phone (404) 474-5548; email william.mccully@faa.gov.

(2) For Airbus Helicopters service information identified in this emergency AD, contact Airbus Helicopters, 2701 North Forum Drive, Grand Prairie, TX 75052; phone (972) 641-0000 or (800) 232-0323; fax (972) 641-3775; or at airbus.com/en/products-services/helicopters/hcare-services/airbusworld. You may view this referenced service information at the FAA, Office of the Regional Counsel, Southwest Region, 10101 Hillwood Pkwy., Room 6N-321, Fort Worth, TX 76177. For information on the availability of this material at the FAA, call (817) 222-5110.

(3) The subject of this emergency AD is addressed in EASA Emergency AD 2023-0174-E, dated October 2, 2023. For this EASA material, contact EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; telephone +49 221 8999 000; email ADs@easa.europa.eu; Internet easa.europa.eu. You may find this EASA material on the EASA website at ad.easa.europa.eu. You may also view this EASA material at the FAA address identified in paragraph (l)(2) of this emergency AD.

Issued on October 2, 2023.

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