

FEDERAL AVIATION ADMINISTRATION AIRWORTHINESS DIRECTIVES

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

BIWEEKLY 2023-20

09/11/2023 - 09/24/2023



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
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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-

2023-07-08

Pilatus Aircraft Ltd.

1,206L,206L-1,206L-3,206L-4
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,AS332
L2,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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Information Key: E- Emergency; COR - Correction; R - Replaces, A- Affects

(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 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

SMALL AIRCRAFT

AD No.	Information	Manufacturer	Applicability
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Information Key: E- Emergency; COR - Correction; R - Replaces, A- Affects

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,F172D (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

SMALL AIRCRAFT

AD No.	Information	Manufacturer	Applicability
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Information Key: E- Emergency; COR - Correction; R - Replaces, A- Affects

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,R17
 2F,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,T2
 10F,T210G,T210H,T210J,T210K,T210L,T210
 M,T210N,T210R,T240,T310P,T310Q,T310R,
 T337B,T337C,T337D,T337E,T337F,T337G,T
 337H,T337H-SP,T-6G,TC-45G,TC-45H,TC-
 45J,TP206A,TP206B,TP206C,TP206D,TP206
 E,TR182,TU206A,TU206B,TU206C,TU206D
 ,TU206E,TU206F,TU206G,U206,U206A,U20
 6B,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

SMALL AIRCRAFT

AD No.	Information	Manufacturer	Applicability
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Information Key: E- Emergency; COR - Correction; R - Replaces, A- Affects

<p>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.</p>	<p>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,LTSI O-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,J 35,K35,M35,N35,P35,S35,V35,V35A,V35B,3 6,A36,A36TC,B36TC,D55,E55,56TC,A56TC, 58,G58,60,A60,B60,95,95- C55,B95,B95A,D95A,E95,185,185A,185B,18 5C,185D,185E,A185E,A185F,A188,A188A,A 188B,T182,T182T,TR182,T188C,206,P206A, P206,P206B,P206C,P206D,P206E,T206H,TP 206A,TP206B,TP206C,TP206D,TP206E,TU2 06A,TU206B,TU206C,TU206D,TU206E,TU2 06F,TU206G,U206,U206A,U206B,U206C,U2 06D,U206E,U206F,U206G,T207,T207A,210, 210A,210B,210C,210-5 (205),210-5A (205A),P210N,T210G,T210H,T210J,T210K,T 210L,T210M,T210N,T240,T303,310,310B,31 0C,310D,310E,310F,310G,310H,310I,310J,T3 10P,T310Q,T310R,320,320A,320B,320C,320 D,320E,320F,320-</p>
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SMALL AIRCRAFT

AD No.	Information	Manufacturer	Applicability
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Information Key: E- Emergency; COR - Correction; R - Replaces, A- Affects

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 A 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,A109A 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,EC155B,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

SMALL AIRCRAFT

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

SMALL AIRCRAFT

AD No.	Information	Manufacturer	Applicability
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Information Key: E- Emergency; COR - Correction; R - Replaces, A- Affects

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
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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

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:

2023–16–06Hamilton Sundstrand Corporation: Amendment 39–22525; Docket No. FAA–2023–1398; Project Identifier AD–2023–00472–P.

(a) Effective Date

This airworthiness directive (AD) is effective October 20, 2023.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Hamilton Sundstrand Corporation (Hamilton Sundstrand) Model 14SF–17 and 14SF–19 propellers.

Note 1 to paragraph (c):

These propellers are known to be installed on, but not limited to, Viking Air Limited (type certificate previously held by Bombardier Inc.; Canadair Limited) Model CL–215–6B11 (CL–215T and CL–415 Variants) airplanes.

(d) Subject

Joint Aircraft System Component (JASC) Code 6123, Propeller Feathering/Reversing.

(e) Unsafe Condition

This AD was prompted by a report of an auxiliary motor and pump failing to feather a propeller in flight. The FAA is issuing this AD to prevent the failure of a certain auxiliary motor and pump to feather propellers. The unsafe condition, if not addressed, could result in reduced controllability of the aircraft and consequent loss of control of the aircraft.

(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, remove from service an auxiliary motor and pump having part number (P/N) 782655-3 (Aerocontrolex P/N 4122-006009) and replace with an auxiliary motor and pump having P/N 782655-4 (Aerocontrolex P/N 4122-056000) in accordance with the Accomplishment Instructions, paragraphs 3.B., 3.C., and 3.E. of Hamilton Sundstrand Corporation Service Bulletin (SB) 14SF-61-168, Revision 1, dated December 21, 2016 (Hamilton Sundstrand SB 14SF-61-168, Revision 1).

(2) After replacement of the auxiliary motor and pump, perform a post-installation system test in accordance with the Accomplishment Instructions, paragraph 3.F. of Hamilton Sundstrand SB 14SF-61-168, Revision 1.

(h) Installation Prohibition

After the effective date of this AD, do not install an auxiliary motor and pump having P/N 782655-3 (Aerocontrolex P/N 4122-006009) on any propeller.

(i) No Return of Parts

Where the service information referenced in the Accomplishment Instructions, paragraph 3.B. of Hamilton Sundstrand SB 14SF-61-168, Revision 1, specifies returning certain parts to the manufacturer for modification, this AD does not include that requirement.

(j) Credit for Previous Actions

You may take credit for the actions required by paragraph (g) of this AD if you performed those actions before the effective date of this AD using Hamilton Sundstrand SB 14SF-61-168, Original Issue, dated December 14, 2016.

(k) 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 branch office, send it to the attention of the person identified in paragraph (l)(1) 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

(1) For more information about this AD, contact Isabel Saltzman, Aviation Safety Engineer, FAA, 1701 Columbia Avenue, College Park, GA 30337; phone: (781) 238-7649; email: .

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

(m) 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) Hamilton Sundstrand Corporation Service Bulletin 14SF-61-168, Revision 1, dated December 21, 2016.

Note 2 to paragraph (m)(2)(i):

Hamilton Sundstrand Corporation is a UTC Aerospace Systems Company. This service information is identified as both Hamilton Sundstrand Corporation and UTC Aerospace Systems.

(ii) [Reserved]

(3) For service information identified in this AD, contact Hamilton Sundstrand, One Hamilton Road, Windsor Locks, CT 06096; phone: (877) 808-7575; email: .

(4) You may view this service information at 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 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 24, 2023.

Victor Wicklund,

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

[Filed 9-14-23; 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:

Removing Airworthiness Directive AD 2022-04-04, Amendment 39-21945 (, February 22, 2022); and

Adding the following new airworthiness directive:

2023-17-04Continental Aerospace Technologies, Inc.: Amendment 39-22530; Docket No. FAA-2022-1159; Project Identifier AD-2022-00692-E.

(a) Effective Date

This airworthiness directive (AD) is effective October 26, 2023.

(b) Affected ADs

This AD replaces AD 2022-04-04, Amendment 39-21945 (, February 22, 2022) (AD 2022-04-04).

(c) Applicability

This AD applies to Continental Aerospace Technologies, Inc. (Continental) model engines equipped with an F&M Enterprises, Inc. (F&M) or a Stratus Tool Technologies, LLC (Stratus) oil filter adapter installed per Supplemental Type Certificate SE8409SW, SE09356SC, or SE10348SC.

Note 1 to paragraph (c): These F&M and Stratus oil filter adapters are known to be installed on Continental Model C-125, C-145, GO-300, IO-360, IO-470, IO-520, IO-550, O-300, O-470, TSIO-360, and TSIO-520 series engines.

(d) Subject

Joint Aircraft System Component (JASC) Code 8550, Reciprocating Engine Oil System.

(e) Unsafe Condition

This AD was prompted by reports of two accidents that were the result of power loss due to oil starvation. The FAA is issuing this AD to prevent loss of engine power. The unsafe condition, if not addressed, could result in failure of the engine, in-flight shutdown, and loss of control of the airplane.

(f) Compliance

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

(g) Required Actions

Before accumulating 50 flight hours after the effective date of this AD or at the next scheduled oil change after the effective date of this AD, whichever occurs first, remove any F&M or Stratus oil filter adapter fiber gasket from service and replace it with an oil filter adapter copper gasket, part number (P/N) AN900–28 or P/N AN900–29, or a stainless steel polytetrafluoroethylene gasket, P/N ST07, as applicable, in accordance with the Compliance Instructions, paragraph 6., pages 6 through 10 (including all detailed instructions for Figure 5 through Figure 16), of Stratus Tool Technologies Mandatory Service Bulletin SB–001 Rev C, dated June 16, 2022.

(h) Installation Prohibition

After the effective date of this AD, do not install an F&M or a Stratus oil filter adapter fiber gasket on any affected engine.

(i) Credit for Previous Actions

You may take credit for the actions required by paragraph (g) of this AD if you performed those actions before the effective date of this AD using Stratus Tool Technologies Mandatory Service Bulletin SB–001 Rev B, dated June 17, 2021, which was previously approved for IBR on March 29, 2022 (, February 22, 2022), but is not incorporated by reference in this AD.

(j) Special Flight Permit

A special flight permit may be issued in accordance with and to permit a one-time non-revenue ferry flight to operate the airplane to the nearest location where the maintenance action can be performed provided that the engine oil pressure and engine oil temperatures are in their allowable ranges and there is no noticeable increase in engine noise. This flight must be performed with no passengers on board.

(k) 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 certification branch, send it to the attention of the person identified in paragraph (l) of this AD.

(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) AMOCs approved for AD 2022–04–04 are approved as AMOCs for the corresponding provisions of this AD.

(l) Additional Information

For more information about this AD, contact George Hanlin, Aviation Safety Engineer, FAA, 1701 Columbia Avenue, College Park, GA 30337; phone: (404) 474–5584; email: .

(m) 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) Stratus Tool Technologies Mandatory Service Bulletin SB-001 Rev C, dated June 16, 2022.

(ii) [Reserved]

(3) For service information identified in this AD, contact Stratus Tool Technologies, LLC, 2208 Air Park Drive, Burlington, NC 27215; phone: (800) 822-3200; website: *tempestplus.com*.

(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 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.

[Filed 9-20-23; 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:

2023–17–10Vulcanair S.p.A.: Amendment 39–22536; Docket No. FAA–2023–1218; Project Identifier MCAI–2022–01025–A.

(a) Effective Date

This airworthiness directive (AD) is effective October 26, 2023.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Vulcanair S.p.A. Model V1.0 airplanes, serial numbers (S/Ns) 1001 through 1034 inclusive, except S/Ns 1008 and 1019, certificated in any category.

(d) Subject

Joint Aircraft System Component (JASC) Code 5311, Fuselage Main, Frame.

(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 identifies the unsafe condition as corrosion on the lower fuselage truss. The FAA is issuing this AD to address the unsafe condition. The unsafe condition, if not addressed, could result in loss of control of the airplane.

(f) Compliance

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

(g) Required Actions

Within 100 hours time-in-service or 12 months after the effective date of this AD, whichever occurs first, do a detailed visual inspection of the right-hand (RH) and left-hand (LH) lower rear attachments of the fuselage truss for corrosion, a tactile inspection of the RH and LH lower rear attachments of the fuselage truss for missing sealant, a general visual inspection of the pipes on the lower fuselage truss for corrosion, and a general visual inspection of the pipes on the lower fuselage truss for rivets with missing stems, in accordance

with steps 13 and 14 of Part A, in Part 2, Work Procedure, of Vulcanair S.p.A. Service Bulletin No. VA-22, Revision 0, dated June 15, 2022 (Vulcanair SB VA-22).

(1) If, during the inspections required by the introductory text of paragraph (g) of this AD, no missing sealant and no corrosion of the LH and RH lower rear attachments are detected, and no corrosion and no missing rivet stems of the lower fuselage truss pipes are detected, before further flight, install part number (P/N) 5034-011 plugs on both the RH and LH rear attachments, in accordance with step 16 of Part A, in Part 2, Work Procedure, of Vulcanair SB VA-22. After installation of the plugs, no further action is required by this AD.

(2) If, during the inspections required by the introductory text of paragraph (g) of this AD, corrosion, missing sealant, or missing rivet stems are detected, before further flight, do the following as applicable:

(i) If corrosion or missing sealant is detected during the detailed visual inspection or tactile inspection of the RH and LH lower rear attachments, remove any sealant, and do a detailed visual inspection for corrosion in accordance with step 26 of Part B, in Part 2, Work Procedure, of Vulcanair SB VA-22.

(ii) If corrosion or missing rivet stems are detected during the general visual inspection of the lower fuselage truss pipes, do a detailed visual inspection and tap test for corrosion in accordance with steps 27 and 28 of Part B, in Part 2, Work Procedure, of Vulcanair SB VA-22.

(3) If, during any inspection required by paragraph (g)(2) of this AD, any corrosion is detected on the lower fuselage truss, before further flight, contact the Manager, International Validation Branch, FAA; or European Union Aviation Safety Agency (EASA); or Vulcanair's EASA Design Organization Approval (DOA) for corrective action instructions and do the corrective actions. If approved by the DOA, the approval must include the DOA-authorized signature.

(4) If, during the inspections required by paragraph (g)(2) of this AD, no corrosion is detected, before further flight, apply sealant on rivets with absent stems, restore as necessary the sealant inside the RH and LH lower rear attachments, and install plugs P/N 5034-011 on both the RH and LH rear attachments, in accordance with the instructions in steps 31 and 32 of Part B, in Part 2, Work Procedure, of Vulcanair SB VA-22.

(h) Special Flight Permits

Special flight permits are prohibited.

(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 EASA AD 2022-0155, dated August 1, 2022, for related information. This EASA AD may be found in the AD docket at *regulations.gov* under Docket No. FAA-2023-1218.

(2) For more information about this AD, contact John DeLuca, Aviation Safety Engineer, FAA, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; phone: (516) 228-7369; 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) Vulcanair S.p.A. Service Bulletin No. VA-22, Revision 0, dated June 15, 2022.

(ii) [Reserved]

(3) For service information identified in this AD, contact Vulcanair S.p.A., via G. Pascoli, 7, 80026 Casoria (NA), Italy; phone: +39 081 5918111; email: ; website: *support.vulcanair.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 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 18, 2023.

Victor Wicklund,

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

[Filed 9-20-23; 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:

2023–18–03 Viking Air Limited (Type Certificate Previously Held by Bombardier Inc. and de Havilland, Inc.): Amendment 39–22544; Docket No. FAA–2020–1076; Project Identifier MCAI–2020–01201–A.

(a) Effective Date

This airworthiness directive (AD) is effective October 24, 2023.

(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 2700, Flight Control System.

(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, wear, and fatigue-related degradation in aging aircraft. The FAA is issuing this AD to detect and address corrosion and cracking. This condition, if not addressed, 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–3 Otter Supplemental Inspection and Corrosion Control Manual, PSM 1–3–5, Revision IR, dated December 21, 2017 (Viking PSM 1–3–5, Revision IR). 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 1–3–5, Revision IR, whichever occurs later. Where Viking PSM 1–3–5, Revision IR, specifies contacting Viking regarding a component's alloy and heat treat condition, this AD requires contacting the Manager, International Validation Branch, FAA, 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–3 Otter Service Bulletin V3/0010, Revision NC, dated March 19, 2020, 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 1–3–5, Revision IR, at the times specified in and in accordance with part 3, paragraph 5, of Viking PSM 1–3–5, Revision IR.

(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 1–3–5, Revision IR, in accordance with part 3, paragraph 5, of Viking PSM 1–3–5, Revision IR.

(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 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 Transport Canada AD CF–2018–04, dated January 19, 2018, for related information. This Transport Canada AD may be found in the AD docket at *regulations.gov* under Docket No. FAA–2020–1076.

(2) For more information about this AD, contact Deep Gaurav, Aviation Safety Engineer, FAA, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; phone: (817) 228–3731; 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-3 Otter Supplemental Inspection and Corrosion Control Manual, PSM 1-3-5, Revision IR, dated December 21, 2017.

(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 1, 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. Firm revenue and employee count are drawn from online sources, including: Dun & Bradstreet, Inc. (); Manta Media, Inc. (); Buzzfile Media, Inc. (); Datanyze, Inc. (); Moody's Analytics (start.cortera.com); GeneralLiabilityInsure.com (generalliabilityinsure.com); Kona Equity (); and ZoomInfo Technologies LLC ().

[Filed 9-18-23; 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:

2023–19–04 Aircraft Industries, a.s.: Amendment 39–22554; Docket No. FAA–2023–1884; Project Identifier MCAI–2023–00482–A.

(a) Effective Date

This airworthiness directive (AD) is effective October 10, 2023.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Aircraft Industries, a.s. Model L–420, L 410 UVP–E20, and L 410 UVP–E20 CARGO airplanes, all serial numbers, certificated in any category.

(d) Subject

Joint Aircraft System Component (JASC) Code 3240, Landing Gear Brake System.

(e) Unsafe Condition

This AD was prompted by reports of the pressure plates within the main landing gear (MLG) wheel brake unit malfunctioning. The FAA is issuing this AD to address MLG wheel brake failures. The unsafe condition, if not addressed, could result in reduced brake function, resulting in loss of control of the airplane, especially during taxiing, aborted take-off, or landing.

(f) Compliance

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

(g) Definitions

The following definitions apply to this AD:

(1) An “affected part” is an MLG wheel brake unit part number (P/N) K38–1200–7 having serial number XXX–35, XXX–36, XXX–37, or XXX–38, where X represents any numerical value and where the MLG

wheel brake unit has not been modified using sections B. and C. of the Implementation Information in LET Aircraft Industries Service Bulletin L-410/039a, Revision 1, dated October 25, 2022 (LET SB L-410/039a, Revision 1).

(2) A “serviceable part” is an MLG wheel brake unit that is not P/N K38-1200-7 having serial number XXX-35, XXX-36, XXX-37, or XXX-38, where X represents any numerical value or where the MLG wheel brake unit P/N K38-1200-7 having serial number XXX-35, XXX-36, XXX-37, or XXX-38 has been modified using sections B. and C. of the Implementation Information in LET SB L-410/039a, Revision 1.

(h) Required Actions

(1) For airplanes with an affected part installed: Before each affected part accumulates 1,500 hours time-in-service (TIS) since the affected part's first installation on any airplane or within 10 hours TIS after the effective date of this AD, whichever occurs later, replace each affected part with a serviceable part.

(2) As of the effective date of this AD, do not install an affected part 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 European Union Aviation Safety Agency (EASA) AD 2023-0055, dated March 16, 2023, for related information. This EASA AD may be found in the AD docket at *regulations.gov* under Docket No. FAA-2023-1884.

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

(3) For service information identified in this AD that is not incorporated by reference, contact Aircraft Industries, a.s., Na Záhonech 1177, Kunovice, Czech Republic; phone: +420 572 817 664; email: ; website: *let.cz/en/bulletin*. You may view this service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 901 Locust Street, Kansas City, MO 64106. For information on the availability of this material at the FAA, call (817) 222-5110.

(k) Material Incorporated by Reference

None.

Issued on September 18, 2023.

Victor Wicklund,

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

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