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

BIWEEKLY 2022-20

09/12/2022 - 09/25/2022

Federal Aviation Administration
Continued Operational Safety Policy Section, AIR-141
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SMALL AIRCRAFT

AD No.	Information	Manufacturer	Applicability

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

BiWeekly 2022-01

2021-05-03		Airbus Helicopters	EC225LP
2021-23-01		Stemme AG	Stemme S 12
2021-23-06		Various Manufactures	234; CH-47D
2021-24-18		Viking Air Limited	DHC-3
2021-24-19		Flugzeugbau GmbH	DG-500MB and DG-1000M
2021-24-21		Embraer S.A.	EMB-500 and EMB-505
2021-24-22	R 2012-06-16	Pilatus Aircraft Ltd.	PC-6, PC-6-H1, PC-6-H2, PC-6/350, PC-6/350-H1, PC-6/350-H2, PC-6/A, PC-6/A-H1, PC-6/A-H2, PC-6/B-H2, PC-6/B1-H2, PC-6/B2-H2, PC-6/B2-H4, PC-6/C-H2, and PC-6/C1-H2
2021-25-01		Leonardo S.p.a.	A109S and AW109SP
2021-25-08		Leonardo S.p.a.	AW189
2021-25-10		Daher Aerospace	TBM 700
2021-25-11	R 78-02-03	Piper Aircraft, Inc.	PA-23-250
2021-26-07	R 2020-11-05	Airbus Helicopters	EC120B
2021-26-08		Bell Textron Canada Limited	206, 206A, 206A-1, 206B, 206B-1, 206L, 206L-1, 206L-3, and 206L-4
2022-01-05	R 2021-24-06	Airbus Helicopters	EC130T2

BiWeekly 2022-02

2021-26-14	R 2018-11-01	Airbus Helicopters	AS332L2, EC225LP
2021-26-15		Vulcanair S.p.A.	P.68C, P.68C-TC, P.68 “OBSERVER,” P.68 OBSERVER 2, P.68R, and P.68TC OBSERVER
2021-26-18	R 2020-21-01	Airbus Helicopters	AS-365N2, AS 365 N3, and SA-365N1; SA-365C1, SA-365C2, and SA-365N; EC 155B and EC155B1
2022-01-06		Cameron Balloons Ltd.	flange adapter
2022-01-09		Stemme AG	Stemme S 10-VT and Stemme S 12
2022-02-01		Sikorsky Aircraft Corporation	S-92A
2022-02-02	R 2021-15-51	Bell Textron Inc.	204B, 205A, 205A-1, 205B, 210, and 212

BiWeekly 2022-03

2021-26-12		Stemme AG	Stemme S 12
2021-26-16		Various Restricted Category Helicopters	UH-1H
2021-26-21		Pilatus Aircraft Ltd.	PC-24
2021-26-24		Leonardo S.p.a.	A109A and A109A II
2021-26-25		Schempp-Hirth Flugzeugbau GmbH	Duo Discus; Duo Discus T
2021-26-26	R 2005-12-08	Safran Helicopter Engines, S.A.	Arrius 2B1, Arrius 2B1A, and Arrius 2B2
2021-26-29		Leonardo S.p.a.	AW169
2022-02-17		Airbus Helicopters Deutschland GmbH	MBB-BK 117 C-2, MBB-BK 117 D-2, and MBB-BK 117 D-3
2022-03-03	R 2021-22-20	Austro Engine GmbH	E4 and E4P
2022-03-07		Stemme AG	S6 and S6-RT

BiWeekly 2022-04

2022-01-01		Airbus Helicopters	AS350B, AS350BA, AS350B1, AS350B2, AS350B3, AS350D,

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			EC130B4, and EC130T2; AS355E, AS355F, AS355F1, AS355F2, AS355N, and AS355NP; SA-365C1, SA-365C2, SA-365N, SA-365N1, AS-365N2, and AS 365 N3
2022-01-03		Umlaut Engineering GmbH	hand-held P3HAFEX fire extinguisher
2022-02-02	COR R 2021-15-51	Bell Textron Inc.	204B, 205A, 205A-1, 205B, 210, and 212
2022-02-04		Airbus Helicopters	AS350B, AS350B2, AS350B3, and AS350BA
2022-02-06		Airbus Helicopters	EC120B
2022-02-08		Leonardo S.p.a.	AB412 and AB412 EP
2022-02-12		Leonardo S.p.a.	AB139 and AW139
2022-02-13		Airbus Helicopters	EC120B
2022-02-19		Airbus Helicopters Deutschland GmbH	EC135P1, EC135P2, EC135P2+, EC135P3, EC135T1, EC135T2, EC135T2+, and EC135T3
2022-02-20		Airbus Helicopters Deutschland GmbH	MBB-BK 117 C-2 and MBB-BK 117 D-2
2022-03-01		Diamond Aircraft Industries GmbH	DA 42 NG; DA 42, and DA 42 M-NG
2022-03-04	R 80-13-10 R 80-13-12 R1 R 2008-03-01	Viking Air Limited	DHC-6-1, DHC-6-100, DHC-6-200, DHC-6-300, and DHC-6-400
2022-03-08		Fiberglas-Technik Rudolf Lindner GmbH & Co. KG	G102 ASTIR CS; G103 TWIN ASTIR, G103 TWIN II, G103A TWIN II ACRO, G103 C TWIN III ACRO, and G 103 C TWIN III SL
2022-03-09	A 2020-08-02	Sikorsky Aircraft Corporation	S-76D
2022-03-23		Textron Aviation Inc.	300, 300LW, B300, and B300C
BiWeekly 2022-05			
2022-03-13	R 2014-21-03	Airbus Helicopters	AS332L2
2022-03-15		Various Airplanes	Garmin G3X Touch Electronic Flight Instrument System
2022-03-17		Airbus Helicopters	AS332L2 and EC225LP
2022-03-18		British Aerospace (Operations) Limited and British Aerospace Regional Aircraft	Jetstream Series 200, Jetstream Model 3101, and Jetstream Model 3201
2022-04-01		DG Flugzeugbau GmbH and Schempp-Hirth Flugzeugbau GmbH	DG-1000T and Duo Discus T
2022-04-04		Continental Aerospace Technologies, Inc. and Continental Motors	C-125-1, C-125-2, C145-2, C145-2H, IO-360-C, IO-360-D, IO-360-DB, IO-360-H, IO-360-HB, IO-360-K, IO-360-KB, IO-470-E, IO-470-S, IO-550-B, IO-550-G, O-300-B, O-300-C, O-300-D, O-300-E, O-470-A, O-470-B, O-470-G, O-470-J, O-470-K, O-470-L, O-470-M, O-470-N, O-470-R, O-470-S, O-470-U, O-470-11, O-470-15, TSIO-360-E, TSIO-360-EB, TSIO-360-F, TSIO-360-FB, TSIO-360-GB, TSIO-360-LB, TSIO-360-MB, TSIO-360-SB, TSIO-520-C, TSIO-520-CE, TSIO-520-E, and TSIO-520-UB
2022-05-01		Learjet, Inc.	35, 35A (C-21A), 36, 36A, 55, 55B, 55C, and 60
2022-05-02	R 2021-11-25	Airbus Helicopters	AS350B3 and EC130T2
BiWeekly 2022-06			
2022-04-06	R 2021-06-06	Bell Textron Canada Limited	505

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AD No.	Information	Manufacturer	Applicability
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2022-04-09		AVOX Systems Inc.	oxygen cylinder
2022-05-05		Schempp-Hirth Flugzeugbau GmbH	Ventus-2a and Ventus-2b
2022-05-11		Viking Air Limited	DHC-3
2022-05-12	R 2020-12-08	Embraer S.A.	EMB-505
2022-05-14		GROB Aircraft SE	G 115EG
BiWeekly 2022-07			
2021-03-16R1	R 2021-03-16	Airbus Helicopters	AS350B, AS350B1, AS350B2, AS350B3, AS350BA, AS350D, AS355E, AS355F, AS355F1, AS355F2, AS355N, and AS355NP
2022-05-10		Goodrich Externally-Mounted Hoist Assemblies	hoist assembly
2022-05-13		Honda Aircraft Company LLC	HA-420
2022-06-01		Airbus Helicopters Deutschland GmbH	MBB-BK 117 D-3
2022-06-03	R 2022-02-02	Bell Textron Inc.	204B, 205A, 205A-1, 205B, 210, and 212
2022-06-05	R 2021-15-52	Various Restricted Category Helicopters	Various Models
2022-06-13		Airbus Helicopters Deutschland GmbH	MBB-BK 117 C-2 and MBB-BK 117 D-2
2022-06-20	R 2020-20-06	Bell Textron Canada Limited	429
2022-07-03		Bell Textron Inc.	412, 412EP, and 412CF
2022-07-05	R 2022-05-09	MARS A.S.	ATL-88/90-1B
BiWeekly 2022-08			
2022-06-04		Schempp-Hirth Flugzeugbau GmbH	Janus, Mini-Nimbus HS-7, Nimbus-2, and Standard Cirrus
2022-06-08	R 2017-18-10	Diamond Aircraft Industries GmbH	DA 42, DA 42 M-NG, and DA 42 NG
2022-06-12		Airbus Helicopters	SA330J
2022-06-17		Airbus Helicopters	EC130T2
2022-06-19		Leonardo S.p.a.	AW109SP
2022-07-01	R 2020-23-07	Leonardo S.p.a.	AB139 and AW139
2022-07-02		Bell Textron Inc.	205A and 205A-1; 205B; 210; 212l; 412 and 412EP; 412CF
2022-07-04		Pilatus Aircraft Ltd.	PC-12/47E
2022-07-09		Airbus Helicopters	AS332L2 and EC225LP
2022-07-11	R 2021-17-18	Leonardo S.p.a.	A109C, A109K2, A109E, A109S, and AW109SP
2022-07-12	R 2021-02-20	Hélicoptères Guimbal	Cabri G2
2022-07-14		Viking Air Limited	DHC-6-400
BiWeekly 2022-09			
2022-08-01	R 2020-22-01	Airbus Helicopters	AS332C, AS332C1, AS332L, and AS332L1
2022-08-02		Airbus Helicopters	EC 155B and EC155B1
2022-08-03		Textron Aviation Inc.	120 and 140; 140A
2022-08-10	R 2020-12-07	Hamilton Sundstrand Corporation	54H
2022-08-11		Bell Textron Canada Limited	429
2022-08-13		Pratt & Whitney Canada Corp.	PT6A-34, -34B, -34AG, -114, and -114A
2022-08-15		Airbus Helicopters Deutschland GmbH	MBB-BK 117 C-2

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BiWeekly 2022-10

2022-09-04	R 2021-05-05	Airbus Helicopters	SA-365N1, AS-365N2, AS 365 N3, SA-366G1, EC 155B, and EC155B1
2022-09-07	R 2019-11-05 A 2020-17-10	Bell Textron Canada Limited	429
2022-09-13		Piper Aircraft, Inc.	PA-34-200
2022-09-17		Scheibe-Aircraft-GmbH	SF 25 C
2022-10-51	E	Airbus Helicopters; Airbus Helicopters Deutschland GmbH	AS350B, AS350B1, AS350B2, AS350B3, AS350BA, AS350D, AS355E, AS355F, AS355F1, AS355F2, AS355N, AS355NP, EC130B4, and EC130T2; EC135P1, EC135P2, EC135P2+, EC135P3, EC135T1, EC135T2, EC135T2+, EC135T3, MBB-BK 117 C-2, MBB-BK 117 D-2, and MBB-BK 117 D-3

BiWeekly 2022-11

2022-08-09		Pilatus Aircraft Ltd.	PC-24
2022-10-01		Pilatus Aircraft Ltd.	PC-12/47E
2022-10-03		Viking Air Limited	DHC-6-1, DHC-6-100, DHC-6-200, DHC-6-300, and DHC-6-400
2022-10-07	R 89-24-06 R1	Viking Air Limited	DHC-6-1, DHC-6-100, DHC-6-200, DHC-6-300, and DHC-6-400

BiWeekly 2022-12

2022-10-02	R 2002-03-01	Honeywell International Inc.	T5311A, T5311B, T5313B, T5317A, T5317A-1, T5317B, T5317BCV, and former military T53-L-11, T53-L-11A, T53-L-11B, T53-L-11C, T53-L-11D, T53-L-11A S/SA, T53-L-13B, T53-L-13B S/SA, T53-L-13B S/SB, and T53-L-703
2022-10-06	R 2017-18-14	Rolls-Royce Corporation	250-C20, 250-C20B, 250-C20C (T63-A-720), 250-C20F, 250-C20J, 250-C20R, 250-C20R/1, 250-C20R/2, 250-C20R/4, 250-C20W, 250-C300/A1, and 250-C300/B1
2022-10-09		Airbus Helicopters	SA-365C1 and SA-365C2
2022-10-51	E	Airbus Helicopters and Airbus Helicopters Deutschland GmbH	AS350B, AS350B1, AS350B2, AS350B3, AS350BA, AS350D, AS355E, AS355F, AS355F1, AS355F2, AS355N, AS355NP, EC130B4, and EC130T2; EC135P1, EC135P2, EC135P2+, EC135P3, EC135T1, EC135T2, EC135T2+, EC135T3, MBB-BK 117 C-2, MBB-BK 117 D-2, and MBB-BK 117 D-3
2022-11-04	R 2020-26-13	Sikorsky Aircraft Corporation	S-92A
2022-11-06		Leonardo S.p.a.	A109S
2022-11-07		Airbus Helicopters Deutschland GmbH	MBB-BK117 A-1, MBB-BK117 A-3, MBB-BK117 A-4, MBB-BK117 B-1, MBB-BK117 B-2, MBB-BK117 C-1, MBB-BK117 C-2, and MBB-BK117 D-2
2022-11-08	A 2011-22-05 R1 A 2016-25-20	Airbus Helicopters	AS350B, AS350BA, AS350B1, AS350B2, AS350B3, AS350D, EC130B4, and EC130T2
2022-11-09		Viking Air Limited	DHC-6-1, DHC-6-100, DHC-6-200, DHC-6-300, and DHC-6-400
2022-11-10		Piper Aircraft, Inc.	PA-46-600TP
2022-11-19		Bell Textron Inc.	212, 412, 412CF, and 412EP

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BiWeekly 2022-13

2022-11-12		Viking Air Limited	DHC-6-1, DHC-6-100, DHC-6-200, DHC-6-300, and DHC-6-400
2022-11-16		British Aerospace (Operations) Limited and British Aerospace Regional Aircraft	Jetstream Model 3101; Jetstream Model 3201
2022-11-18		Airbus Helicopters	AS355E, AS355F, AS355F1, AS355F2, AS-365N2, AS 365 N3, SA-365N, SA-365N1, EC 155B, and EC155B1
2022-12-06		Costruzioni Aeronautiche Tecnam S.P.A.	P2012 Traveller
2022-12-07	R 75-23-03	Alexander Schleicher GmbH & Co. Segelflugzeugbau	Ka2B, Ka 6, Ka 6 B, Ka 6 BR, Ka 6 C, Ka 6 CR, K 7, K 8, K 8 B, and AS-K 13
2022-12-08		Robinson Helicopter Company	R22 BETA; R44; R44 II
2022-12-09	R 2017-15-06	British Aerospace (Operations) Limited and British Aerospace Regional Aircraft	HP.137 Jetstream Mk.1, Jetstream Series 200, and Jetstream Model 3101; Jetstream Model 3201
2022-13-01		Leonardo S.p.a	AW169
2022-13-03		Cameron Balloons Ltd.	fuel cylinder

BiWeekly 2022-14

2022-13-16		GE Aviation Czech s.r.o.	M601D-11
2022-13-07		AutoGyro Certification Limited	Calidus,Cavalon,MTOsport 2017
2022-11-20		Leonardo S.p.a.	AB139,AW139
2022-14-51	E	Airbus Helicopters	EC225LP

BiWeekly 2022-15

2022-14-12		GE Aviation Czech s.r.o.	M601F,M601E-11,M601E-11A,M601D-11,M601E-11AS,M601E-11S
2022-14-03		Leonardo S.p.a.	AB412,AB412 EP
2022-14-11		Stemme AG	Stemme S 12
2022-13-14		Airbus Helicopters	AS-365N2,AS-365N3,EC 155B,EC155B1,SA-365N1
2022-13-06		Diamond Aircraft Industries Inc	DA 40,DA 40 NG,DA 40F
2022-13-15		Williams International Company, L.L.C.	FJ44-2A,FJ44-2C,FJ44-3A,FJ44-3A-24

BiWeekly 2022-16

2022-16-03		Continental Aerospace Technologies, Inc.,Lycoming Engines,Textron Lycoming Subsidiary of Textron Inc.	GTSIO-520-C,GTSIO-520-D,GTSIO-520-F,GTSIO-520-H,GTSIO-520-K,GTSIO-520-L,GTSIO-520-M,GTSIO-520-N,IO-346-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-M,IO-470-N,IO-470-P,IO-470-R,IO-470-S,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-P,IO-550-B,IO-550-C,IO-550-D,IO-550-E,IO-550-F,IO-550-L,LTSIO-520-AE,O-470-B,O-470-E,O-470-G,O-470-J,O-470-K,O-470-L,O-470-M,O-470-R,O-470-S,O-470-U,TSIO-520-A,TSIO-520-AE,TSIO-520-AF,TSIO-520-B,TSIO-520-BB,TSIO-520-C,TSIO-520-CE,TSIO-520-DB,TSIO-520-G,TSIO-520-H,TSIO-520-KB,TSIO-520-LB,TSIO-520-NB,TSIO-520-P,TSIO-520-R,

			TSIO-520-T,TSIO-520-UB,TSIO-520-VB,TSIO-520-WB,TSIOL-550-A,TSIOL-550-B,TSIOL-550-C,AEIO-320-D1B,AEIO-320-D2B,AEIO-360-A1B,AEIO-360-A1B6,AEIO-360-A2B,AEIO-360-B1F,AEIO-360-B2F,AEIO-360-B2F6,AEIO-540-D4B5,AIO-320-A1A,AIO-320-A1B,AIO-320-A2A,AIO-320-A2B,AIO-320-B1B,AIO-320-C1B,AIO-360-A1A,AIO-360-A1B,AIO-360-A2A,AIO-360-A2B,AIO-360-B1B,GO-480-G1J6,GSO-480-B1J6,HIO-540-A1A,HIO-360-C1B,HIO-360-D1A,IGO-480-A1A6,IGO-540-A1C,IGSO-480-A1G6,IGSO-540-A1A,IGSO-540-A1C,IGSO-540-A1D,IGSO-540-A1E,IGSO-540-A1F,IGSO-540-A1H,IGSO-540-B1A,IGSO-540-B1C,IO-320-B1D,IO-320-B1E,IO-320-D1A,IO-320-D1B,IO-320-D1C,IO-360-A1B,IO-360-A1B6,IO-360-A1C,IO-360-A1D6,IO-360-A2B,IO-360-A2C,IO-360-B1E,IO-360-B1F,IO-360-B2E,IO-360-B2F,IO-360-B2F6,IO-360-C1B,IO-360-C1C,IO-360-C1C6,IO-360-C1D6,IO-360-C1E6,IO-360-C1F,IO-360-D1A,IO-360-E1A,IO-360-F1A,IO-540-B1A5,IO-540-D4B5,IO-540-D4C5,IO-540-E1B5,IO-540-E1C5,IO-540-G1B5,IO-540-G1C5,IO-540-G1D5,IO-540-G1E5,IO-540-G1F5,IO-540-J4A5,IO-540-K1A5,IO-540-K1B5,IO-540-K1C5,IO-540-K1D5,IO-540-K1E5,IO-540-K1F5,IO-540-K1G5,IO-540-K1H5,IO-540-K1J5,IO-540-K1K5,IO-540-L1A5,IO-540-L1C5,IO-540-M1A5,IO-540-M1C5,IO-540-P1A5,IO-540-R1A5,IO-540-S1A5,IO-540-T4B5,IO-540-W1A5,IO-540-AA1A5,LIO-360-C1E6,LTIO-540-J2B,LTIO-540-U2A,LTIO-540-W2A,O-235-C2B,O-235-E2B,O-235-F2B,O-235-G2B,O-235-J2B,O-235-K2B,O-320-D1C,O-320-D1F,O-320-D2C,O-320-D2F,O-320-E1C,O-320-E1F,O-320-E1J,O-320-E2C,O-320-E2F,O-360-A1F,O-360-A1F6,O-360-A1G,O-360-A1G6,O-360-A2F,O-360-A2G,O-360-A4G,O-360-C1F,O-540-B1D5,O-540-B2C5,O-540-E4C5,O-540-G1A5,O-540-G2A5,TIGO-541-B1A,TIGO-541-C1A,TIGO-541-D1A,TIGO-541-D1B,TIGO-541-E1A,TIO-360-A1A,TIO-360-A1B,TIO-540-A1A,TIO-540-A1B,TIO-540-A1C,TIO-540-A2A,TIO-540-A2B,TIO-540-A2C,TIO-540-C1A,TIO-540-E1A,TIO-540-G1A,TIO-540-H1A,TIO-540-J2B,TIO-540-U2A,TIO-540-W2A,TIO-541-A1A,TIO-541-E1A4,TIO-541-E1B4,TIO-541-E1C4,TIO-541-E1D4,TVO-435-B1B,TVO-435-D1A,TVO-435-F1A,TVO-435-G1A,VO-435-B1A,VO-540-B1H3,VO-540-B2G,VO-540-C2C,IO-720-A1B,IO-720-B1B,IO-720-C1B,TSIO-520-M
2022-15-02		Cameron Balloons Ltd.,Aerostar International,Ballonbau Worner GmbH,Balony Kubicek spol s.r.o.,Eagle Balloons Corp.,Kubíek Factory	N/A

		s.r.o.,JR Aerosports, LTD,Lindstrand Balloons Ltd.,Adams Aerostats LLC	N/A
2022-14-14		Alexander Schleicher GmbH & Co. Segelflugzeugbau	ASW -15
2022-14-51		Airbus Helicopters	EC225LP

BiWeekly 2022-17

No ADs

BiWeekly 2022-18

2022-17-05	R 2002-14-28	Viking Air Limited	DHC-2 Mk.I,DHC-2 Mk.II,DHC-2 Mk.III
2022-17-01		Airbus Helicopters Deutschland GmbH	EC135P1,EC135P2,EC135P2+,EC135P3, EC135T1,EC135T2,EC135T2+/EC635T2 +,EC135T3

BiWeekly 2022-19

2022-18-07		Airbus Helicopters	AS332C,AS332C1,AS332L,AS332L1
2022-17-13		Piaggio Aero Industries S.p.A.	P-180
2022-18-02		MT-Propeller Entwicklung GmbH	MTV-5-1-( ),MTV-9-( ),MTV-12-( ),MTV-14-B,MTV-14-D,MTV-15-( ),MTV-16-(), MTV-18-( ),MTV-27-( )
2022-18-03	R 2022-05-13	Honda Aircraft Company LLC	HA-420
2022-18-16		General Electric Company	CT7-8A

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2022-19-13	A 2011-22-05 R1 A 2016-25-20	Airbus Helicopters	AS355E,AS355F,AS355F1,AS355F2,AS355N,AS355NP
2022-19-03	R 2016-26-08	Pilatus Aircraft Ltd.	PC-12,PC-12/45,PC-12/47,PC-12/47E
2022-19-08		Airbus Helicopters	SA341G,SA342J
2022-19-12	R 2021-19-08	Robinson Helicopter Company	R44,R44 II,R66
2022-19-11		Costruzioni Aeronautiche Tecnam S.P.A.	P2006T

PART 39-AIRWORTHINESS DIRECTIVES

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

Authority: 49 U.S.C. 106(g), 40113, 44701.

§39.13
[Amended]

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

2022-19-13 Airbus Helicopters: Amendment 39-22182; Docket No. FAA-2022-0805; Project Identifier MCAI-2021-00951-R.

(a) Effective Date

This airworthiness directive (AD) is effective October 27, 2022.

(b) Affected ADs

This AD affects AD 2011-22-05 R1, Amendment 39-17765 (79 FR 14169, March 13, 2014) (AD 2011-22-05 R1); and AD 2016-25-20, Amendment 39-18746 (81 FR 94954, December 27, 2016) (AD 2016-25-20).

(c) Applicability

This AD applies to all Airbus Helicopters Model AS355E, AS355F, AS355F1, AS355F2, AS355N, and AS355NP helicopters, certificated in any category.

(d) Subject

Joint Aircraft Service Component (JASC) Code: 6410, Tail Rotor Blades.

(e) Unsafe Condition

This AD was prompted by the identification of certain parts needing maintenance actions, including life limits and maintenance tasks. The FAA is issuing this AD to address the failure of certain parts, which could result in the loss of control of the helicopter.

(f) Compliance

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

(g) Required Action

Within 30 days after the effective date of this AD, incorporate into maintenance records required by 14 CFR 91.417(a)(2) or 135.439(a)(2), as applicable for your rotorcraft, the requirements (airworthiness limitations) specified in paragraph (1) of European Union Aviation Safety Agency (EASA) AD 2021-0193, dated August 20, 2021 (EASA AD 2021-0193).

(h) Provisions for Alternative Requirements (Airworthiness Limitations)

After the actions required by paragraph (g) of this AD have been done, no alternative requirements (airworthiness limitations) are allowed unless they are approved as specified in the provisions of the "Ref. Publications" section of EASA AD 2021-0193.

(i) Terminating Action for ADs 2011-22-05 R1 and 2016-25-20

(1) Accomplishing the actions required by this AD terminates all requirements of AD 2011-22-05 R1 for Model AS355E, AS355F, AS355F1, AS355F2, AS355N, and AS355NP helicopters only.

(2) Accomplishing the actions required by this AD terminates all requirements of AD 2016-25-20 for Model AS355E, AS355F, AS355F1, AS355F2, AS355N, and AS355NP helicopters only.

(j) Special Flight Permit

Special flight permits in accordance with 14 CFR 21.197 and 21.199, are prohibited.

(k) Alternative Methods of Compliance (AMOCs)

(1) The Manager, International Validation Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 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) of this AD. Information may be emailed to: *9-AVS-AIR-730-AMOC@faa.gov*.

(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 Kristi Bradley, Program Manager, COS Program Management Section, Operational Safety Branch, Compliance & Airworthiness Division, FAA, 10101 Hillwood Parkway, Fort Worth, TX 76177; telephone (817) 222-5110; email *kristin.bradley@faa.gov*.

(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 5 U.S.C. 552(a) and 1 CFR part 51.

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

(i) European Union Aviation Safety Agency (EASA) AD 2021-0193, dated August 20, 2021.

(ii) [Reserved]

(3) For EASA AD 2021-0193, 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 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. This material may be found in the AD docket at *regulations.gov* by searching for and locating Docket No. FAA-2022-0805.

(5) You may view this material that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, email *fr.inspection@nara.gov*, or go to: *www.archives.gov/federal-register/cfr/ibr-locations.html*.

Issued on September 9, 2022.

Christina Underwood,

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

[FR Doc. 2022-20542 Filed 9-21-22; 8:45 am]

BILLING CODE 4910-13-P

PART 39-AIRWORTHINESS DIRECTIVES

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

Authority: 49 U.S.C. 106(g), 40113, 44701.

§39.13
[Amended]

2. The FAA amends §39.13 by:

a. Removing Airworthiness Directive 2016-26-08, Amendment 39-18766 (82 FR 1172, January 5, 2017; corrected February 16, 2017, 82 FR 10859); and

b. Adding the following new airworthiness directive:

2022-19-03 Pilatus Aircraft Ltd.: Amendment 39-22172; Docket No. FAA-2022-0153; Project Identifier MCAI-2021-01051-A.

(a) Effective Date

This airworthiness directive (AD) is effective October 27, 2022.

(b) Affected ADs

This AD replaces AD 2016-26-08, Amendment 39-18766 (82 FR 1172, January 5, 2017; corrected February 16, 2017, 82 FR 10859).

(c) Applicability

This AD applies to Pilatus Aircraft Ltd. Model PC-12, PC-12/45, PC-12/47, and PC-12/47E airplanes, all serial numbers, certificated in any category.

(d) Subject

Joint Aircraft System Component (JASC) Code 2722, Rudder Actuator; 3210, Main Landing Gear; and 3211, Main Landing Gear Attach Section.

(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

unsafe condition in the MCAI is failure of main landing gear (MLG) actuator bottom attachment bolts and failure to accomplish a new life limit for the rudder bellcrank. The FAA is issuing this AD to prevent MLG collapse during all phases of airplane operations, including take-off and landing and also to prevent rudder bellcrank failure, which could lead to loss of airplane control.

(f) Actions and Compliance

(1) Before further flight, unless already done, revise the Airworthiness Limitations section of the existing airplane maintenance manual (AMM) or Instructions for Continued Airworthiness for your airplane by incorporating the following documents.

(i) For Model PC-12, PC-12/45, and PC-12/47 airplanes: PC-12, PC-12/45, PC-12/47 Structural, Component and Miscellaneous Limitations-AMM Document No. 02049-Airworthiness Limitations, Document Module Code 12-A-04-00-00-00A-000A-A, of the Pilatus Model type-PC-12, PC-12/45, PC-12/47 MSN-101-888 Aircraft Maintenance Manual Document No. 02049, Revision 41, dated July 16, 2021; or PC-12, PC-12/45, PC-12/47 Structural, Component and Miscellaneous Limitations-AMM Document No. 02049-Airworthiness Limitations, Document Module Code 12-A-04-00-00-00A-000A-A, of the Pilatus Model type-PC-12, PC-12 /45, PC-12/47 MSN-101-888 Aircraft Maintenance Manual Document No. 02049, Revision 42, dated December 10, 2021.

(ii) For Model PC-12/47E airplanes with serial numbers 545, 1001 through 1719, and 1721 through 1999: PC-12/47E Structural, Component and Miscellaneous Limitations-AMM Document No. 2300-Airworthiness Limitations, Document Module Code 12-B-04-00-00-00A-000A-A, of the Pilatus Model type-PC-12/47E MSN-545/1001-1719 and 1721-1942 Aircraft Maintenance Manual Document No. 02300, Revision 25, dated July 16, 2021; or PC-12/47E Structural, Component and Miscellaneous Limitations-AMM Document No. 2300-Airworthiness Limitations, Document Module Code 12-B-04-00-00-00A-000A-A, of the Pilatus Model type-PC-12/47E MSN-1001-1942 (except MSN 1720) Aircraft Maintenance Manual Document No. 02300, Revision 26, dated December 10, 2021.

(iii) For Model PC-12/47E airplanes with serial numbers 1720 and 2001 and larger: PC-12/47E Structural, Component and Miscellaneous Limitations-AMM Document No. 02436-Airworthiness Limitations, Document Module Code 12-C-04-00-00-00A-000A-A, of the Pilatus Model type-PC-12/47E MSN 1720, 2001-Up Aircraft Maintenance Manual Document No. 02436, Revision 03, dated July 16, 2021; or PC-12 /47E Structural, Component and Miscellaneous Limitations-AMM Document No. 02436-Airworthiness Limitations, Document Module Code 12-C-04-00-00-00A-000A-A, of the Pilatus Model type-PC-12/47E MSN 1720, 2001-Up Aircraft Maintenance Manual Document No. 02436, Revision 04, dated December 10, 2021.

(2) The actions required by paragraph (f)(1) of this AD may be performed by the owner/operator (pilot) holding at least a private pilot certificate and must be entered into the aircraft records showing compliance with this AD in accordance with 14 CFR 43.9(a)(1) through (4), and 14 CFR 91.417(a)(2)(v). The record must be maintained as required by 14 CFR 91.417, 14 CFR 121.380, or 14 CFR 135.439.

(3) After revising the airworthiness limitations required by paragraph (f)(1) of this AD, no alternative life limits or inspection intervals may be used unless they are approved as provided in paragraph (g) of this AD.

(g) 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 14 CFR 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 certification office, send it to the attention of the person identified in paragraph (h)(1) of this AD and email to: *9-AVS-AIR-730-AMOC@faa.gov*.

(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.

(h) Related Information

(1) For more information about this AD, contact Doug Rudolph, Aviation Safety Engineer, General Aviation & Rotorcraft Section, International Validation Branch, 901 Locust, Room 301, Kansas City, MO 64106; phone: (816) 329-4059; email: *doug.rudolph@faa.gov*.

(2) Refer to MCAI European Union Aviation Safety Agency (EASA) AD 2021-0214, dated September 17, 2021, for more information. You may view the EASA AD at *regulations.gov* in Docket No. FAA-2022-0153.

(i) 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 5 U.S.C. 552(a) and 1 CFR part 51.

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

(i) PC-12, PC-12/45, PC-12/47 Structural, Component and Miscellaneous Limitations-AMM Document No. 02049-Airworthiness Limitations, Document Module Code 12-A-04-00-00-00A-000A-A, of the Pilatus Model type-PC-12, PC-12/45, PC-12/47 MSN-101-888 Aircraft Maintenance Manual Document No. 02049, Revision 41, dated July 16, 2021.

(ii) PC-12, PC-12/45, PC-12/47 Structural, Component and Miscellaneous Limitations-AMM Document No. 02049-Airworthiness Limitations, Document Module Code 12-A-04-00-00-00A-000A-A, of the Pilatus Model type-PC-12, PC-12/45, PC-12/47 MSN-101-888 Aircraft Maintenance Manual Document No. 02049, Revision 42, dated December 10, 2021.

(iii) PC-12/47E Structural, Component and Miscellaneous Limitations-AMM Document No. 2300-Airworthiness Limitations, Document Module Code 12-B-04-00-00-00A-000A-A, of the Pilatus Model type-PC-12/47E MSN-545/1001-1719 and 1721-1942 Aircraft Maintenance Manual Document No. 02300, Revision 25, dated July 16, 2021.

(iv) PC-12/47E Structural, Component and Miscellaneous Limitations-AMM Document No. 2300-Airworthiness Limitations, Document Module Code 12-B-04-00-00-00A-000A-A, of the Pilatus Model type-PC-12/47E MSN-1001-1942 (except MSN 1720) Aircraft Maintenance Manual Document No. 02300, Revision 26, dated December 10, 2021.

(v) PC-12/47E Structural, Component and Miscellaneous Limitations-AMM Document No. 02436-Airworthiness Limitations, Document Module Code 12-C-04-00-00-00A-000A-A, of the Pilatus Model type-PC-12/47E MSN 1720, 2001-Up Aircraft Maintenance Manual Document No. 02436, Revision 03, dated July 16, 2021.

(vi) PC-12/47E Structural, Component and Miscellaneous Limitations-AMM Document No. 02436-Airworthiness Limitations, Document Module Code 12-C-04-00-00-00A-000A-A, of the Pilatus Model type-

PC-12/47E MSN 1720, 2001-Up Aircraft Maintenance Manual Document No. 02436, Revision 04, dated December 10, 2021.

(3) For service information identified in this AD, contact Pilatus Aircraft Ltd., CH-6371, Stans, Switzerland; phone: +41848247365; email: *techsupport.ch@pilatus-aircraft.com;* website: *pilatus-aircraft.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: *fr.inspection@nara.gov*, or go to: *www.archives.gov/federal-register/cfr/ibr-locations.html*.

Issued on August 31, 2022.

Christina Underwood,

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

[FR Doc. 2022-20517 Filed 9-21-22; 8:45 am]

BILLING CODE 4910-13-P

PART 39-AIRWORTHINESS DIRECTIVES

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

Authority: 49 U.S.C. 106(g), 40113, 44701.

§39.13
[Amended]

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

2022-19-08 Airbus Helicopters: Amendment 39-22177; Docket No. FAA-2022-1157; Project Identifier MCAI-2022-01093-R.

(a) Effective Date

This airworthiness directive (AD) is effective October 3, 2022.

(b) Affected ADs

None.

(c) Applicability

This AD applies to all Airbus Helicopters Model SA341G and SA342J helicopters, certificated in any category.

(d) Subject

Joint Aircraft System Component (JASC) Code: 6410, Tail Rotor Blades.

(e) Unsafe Condition

This AD was prompted by a report of manufacturing defects on multiple tail rotor blades (TRBs). The FAA is issuing this AD to detect linear indications on a TRB. The unsafe condition, if not addressed, could result in an in-flight TRB loss, unbalance or damage to the tail or other parts of the helicopter, 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 Emergency AD 2022-0169-E, dated August 12, 2022 (EASA AD 2022-0169-E).

(h) Exceptions to EASA AD 2022-0169-E

(1) Where EASA AD 2022-0169-E requires compliance in terms of flight hours, this AD requires using hours time-in-service.

(2) Where EASA AD 2022-0169-E refers to its effective date, this AD requires using the effective date of this AD.

(3) Where paragraph (1) of EASA AD 2022-0169-E states to "accomplish a visual check of the root area of each affected part," for this AD, replace that text with "accomplish a visual inspection of the root area of each affected part."

(4) Where paragraph (2) of EASA AD 2022-0169-E states, "linear indication," for the purposes of this AD, a linear indication is any linear indication perpendicular to the fiber direction of the blade that is detected regardless of size.

(5) Where paragraph (2) of EASA AD 2022-0169-E states to "accomplish a dye penetrant inspection of the root area of each discrepant part in accordance with the instructions of the ASB," for this AD replace that text with "perform a fluorescent penetrant inspection (FPI) of the root area of each affected part that has any linear indication (perpendicular to the fiber direction of the blade and regardless of size), in accordance with the Accomplishment Instructions, paragraph 3.B.3. of the ASB. This FPI must be accomplished by a Level II or Level III inspector certified in the FAA-acceptable standards for nondestructive inspection personnel."

Note 1 to paragraph (h)(5): Advisory Circular 65-31B contains examples of FAA-acceptable Level II and Level III qualification standards criteria for inspection personnel doing nondestructive test inspections.

(6) This AD does not mandate paragraph (3) of EASA AD 2022-0169-E; instead, for this AD, if as a result of the action required by paragraph (2) of EASA AD 2022-0169-E, there is any linear indication (perpendicular to the fiber direction of the blade and regardless of size), before further flight, remove the affected TRB from service and replace it with a serviceable part as defined in EASA AD 2022-0169-E.

(7) This AD does not allow paragraph (5) of EASA AD 2022-0169-E, instead for this AD use paragraph (j) of this AD.

(8) Where the service information referenced in EASA AD 2022-0169-E specifies to discard the TRB if a linear indication is detected, this AD requires before further flight, removing that part from service.

(9) Where the service information referenced in EASA AD 2022-0169-E specifies to use tooling, this AD allows the use of equivalent tooling.

(10) This AD does not mandate compliance with the "Remarks" section of EASA AD 2022-0169-E.

(i) No Reporting Requirement

Although the service information referenced in EASA AD 2022-0169-E specifies to submit certain information to the manufacturer, this AD does not include that requirement.

(j) Special Flight Permit

A special flight permit may be issued in accordance with 14 CFR 21.197 and 21.199 to operate the helicopter to a location where the visual inspection or FPI can be performed, provided no passengers are onboard. Special flight permits are prohibited if a linear indication has been detected by an FPI or a visible crack has been detected on a TRB.

(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 14 CFR 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) of this AD. Information may be emailed to: *9-AVS-AIR-730-AMOC@faa.gov*.

(2) Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office.

(l) Related Information

For more information about this AD, contact Dan McCully, Program Manager, COS Program Management Section, Operational Safety Branch, Compliance & Airworthiness Division, FAA, 1701 Columbia Ave., Mail Stop: ACO, College Park, GA 30337; telephone (404) 474-5548; email *william.mccully@faa.gov*.

(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 5 U.S.C. 552(a) and 1 CFR part 51.

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

(i) European Union Aviation Safety Agency (EASA) Emergency AD 2022-0169-E, dated August 12, 2022.

(ii) [Reserved]

(3) For EASA AD 2022-0169-E, 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 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. This material may be found in the AD docket at *regulations.gov* by searching for and locating Docket No. FAA-2022-1157.

(5) You may view this material that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, email *fr.inspection@nara.gov*, or go to: *www.archives.gov/federal-register/cfr/ibr-locations.html*.

Issued on September 6, 2022.

Christina Underwood,

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

[FR Doc. 2022-20152 Filed 9-14-22; 11:15 am]

BILLING CODE 4910-13-P

PART 39-AIRWORTHINESS DIRECTIVES

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

Authority: 49 U.S.C. 106(g), 40113, 44701.

§39.13
[Amended]

2. The FAA amends §39.13 by:

a. Removing Airworthiness Directive 2021-19-08, Amendment 39-21726 (86 FR 49915, September 7, 2021); and

b. Adding the following new airworthiness directive:

2022-19-12 Robinson Helicopter Company: Amendment 39-22181; Docket No. FAA-2022-0872; Project Identifier AD-2022-00431-R.

(a) Effective Date

This airworthiness directive (AD) is effective October 20, 2022.

(b) Affected ADs

This AD replaces AD 2021-19-08, Amendment 39-21726 (86 FR 49915, September 7, 2021) (AD 2021-19-08).

(c) Applicability

This AD applies to the following Robinson Helicopter Company (Robinson) helicopters, certificated in any category:

(1) Robinson Model R44 and R44 II helicopters with a tail rotor blade (blade) part number (P/N) C029-3 with serial number (S/N) 9410 through 9909 inclusive, installed;

(2) Robinson Model R44 and R44 II helicopters with a blade P/N C029-3 with S/N 9910 through 10659 inclusive, installed; and

(3) Robinson Model R66 helicopters with a blade P/N F029-1 with S/N 2410 through 2589 inclusive, installed.

(d) Subject

Joint Aircraft System Component (JASC) Code: 6410, Tail Rotor Blades.

(e) Unsafe Condition

This AD was prompted by reports of cracked blades. The FAA is issuing this AD to detect and prevent cracks in the affected blades. The unsafe condition, if not addressed, could result in reduced controllability and subsequent loss of control of the helicopter.

(f) Compliance

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

(g) Required Actions

(1) Before further flight after the effective date of this AD and thereafter before each flight, check each blade at the leading edge for a crack. This action may be performed by the owner/operator (pilot) holding at least a private pilot certificate and must be entered into the aircraft records showing compliance with this AD in accordance with 14 CFR43.9(a) and 14 CFR 91.417(a)(2)(v). The record must be maintained as required by 14 CFR 91.417, 121.380, or 135.439.

(2) If there is any crack, before further flight, remove the blade from service.

(3) For helicopters identified in paragraph (c)(1) of this AD, within 3 months after September 22, 2021 (the effective date of AD 2021-19-08) remove from service any blade identified in paragraph (c)(1) of this AD.

(4) For helicopters identified in paragraphs (c)(2) and (3) of this AD, within 6 months after the effective date of this AD, remove from service any blade identified in paragraph (c)(2) or (3) of this AD, as applicable to your model helicopter.

(5) For helicopters identified in paragraph (c)(1) of this AD, as of September 22, 2021 (the effective date of AD 2021-19-08), do not install a blade identified in paragraph (c)(1) of this AD on any helicopter.

(6) For helicopters identified in paragraphs (c)(2) and (3) of this AD, as of the effective date of this AD, do not install a blade identified in paragraph (c)(2) or (3) of this AD, as applicable to your model helicopter, on any helicopter.

(h) Special Flight Permits

Special flight permits are prohibited.

(i) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Los Angeles ACO Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 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 certification office, send it to the attention of the person identified in paragraph (j) of this AD. Information may be emailed to: *9-ANM-LAACO-AMOC-REQUESTS@faa.gov*.

(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 previously for AD 2021-19-08 are approved as AMOCs for the corresponding requirements in paragraph (g) of this AD.

(j) Related Information

For more information about this AD, contact James Guo, Aerospace Engineer, Airframe Section, Los Angeles ACO Branch, Compliance & Airworthiness Division, FAA, 3960 Paramount Blvd., Lakewood, CA 90712; telephone (562) 627-5357; email *james.guo@faa.gov*.

(k) Material Incorporated by Reference

None.

Issued on September 9, 2022.

Christina Underwood,

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

[FR Doc. 2022-19936 Filed 9-14-22; 8:45 am]

BILLING CODE 4910-13-P

PART 39-AIRWORTHINESS DIRECTIVES

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

Authority: 49 U.S.C. 106(g), 40113, 44701.

§39.13
[Amended]

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

2022-19-11 Costruzioni Aeronautiche Tecnam S.P.A.: Amendment 39-22180; Docket No. FAA-2022-1162; Project Identifier MCAI-2022-01087-A.

(a) Effective Date

This airworthiness directive (AD) is effective September 30, 2022.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Costruzioni Aeronautiche Tecnam S.P.A. Model P2006T airplanes, all serial numbers (S/N) up to 345 inclusive, and S/N 348, 352, 353, 355, and 357, certificated in any category.

(d) Subject

Joint Aircraft System Component (JASC) Code 2710, Aileron Control System.

(e) Unsafe Condition

This AD was prompted by mandatory continuing airworthiness information originated by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The FAA is issuing this AD to detect and correct screws of excessive length installed on the ceiling panel covering the aileron control assembly, which could cause the aileron control rod to become jammed, cracked, or damaged. The unsafe condition, if not addressed, could result in unintended jamming of the aileron control assembly, the inability to use the aileron control surfaces, and loss of control of the airplane.

(f) Compliance

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

(g) Inspection/Measurement

Before further flight after the effective date of this AD, perform a detailed visual inspection of the aileron control assembly, part number 26-9-1502-000, for cracks and damage (including missing paint, nicks, or scrapes) and measure the length of the screws installed on the ceiling cover panel.

(1) If, during the inspection required by paragraph (g) of this AD, any crack or damage (including missing paint, nicks, or scrapes) is found on the aileron control rod assembly, before further flight, repair using a method approved by the FAA; the European Union Aviation Safety Agency (EASA); or Tecnam's Design Organization Approval (DOA). If approved by the DOA, the approval must include the DOA-authorized signature.

(2) If, during the inspection required by paragraph (g) of this AD, any screws installed on the ceiling cover panel do not match the limits specified in paragraph (g)(2)(i) or (ii) of this AD, before further flight, replace that screw with the correct screw identified in paragraph (g)(2)(i) or (ii) of this AD, as applicable.

(i) If blind rivet nuts are installed on the ceiling panel covering the aileron control assembly, then the correct panel screw would be 12mm in length with part number UNI7689-3-12.

(ii) If blind rivet nuts are not installed on the ceiling panel covering the aileron control assembly, then the correct panel screw would be equal to or less than 10mm in length with part number UNI6594-2.9-9.5.

Note to paragraph (g): Tecnam Service Bulletin 574-CS-Edition 1, Revision 3, dated August 1, 2022, contains information related to this subject.

(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 §39.19. In accordance with §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, mail it to the address identified in paragraph (j)(2) of this AD or email to: *9-AVS-AIR-730-AMOC@faa.gov*. 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 2022-0167, dated August 11, 2022, for related information. This EASA AD may be found in the AD docket at *regulations.gov* under Docket No. FAA-2022-1162.

(2) For more information about this AD, contact Jim Rutherford, Aviation Safety Engineer, General Aviation & Rotorcraft Section, International Validation Branch, FAA, 901 Locust, Room 301, Kansas City, MO 64106; phone: (816) 329-4165; email: *jim.rutherford@faa.gov*.

(3) Service information identified in this AD that is not incorporated by reference is available at Costruzioni Aeronautiche Tecnam S.P.A., Airworthiness Office Via S. D'acquisto 62, 80042 Boscotrecase, Italy; phone: +39 0823 997538; email: *technical.support@tecnam.com;* website: tecnam.com. 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.

(k) Material Incorporated by Reference

None.

Issued on September 8, 2022.

Christina Underwood,

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

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