FEDERAL AVIATION ADMINISTRATION
AIRWORTHINESS DIRECTIVES

SMALL AIRPLANES, ROTORCRAFT, GLIDERS, BALLOONS, & AIRSHIPS

BIWEEKLY 2020-26

12/7/2020 - 12/20/2020

Federal Aviation Administration
Continued Operational Safety Policy Section, AIR-141
P.O. Box 25082
Oklahoma City, OK 73125-0460

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AD No.	Information	Manufacturer	Applicability

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

Biweekly 2020-01

2019-22-08		Leonardo S.p.A	AW169 and AW189 helicopters

Biweekly 2020-02

We published no ADs for the Small AD Biweekly during this period.

Biweekly 2020-03

We published no ADs for the Small AD Biweekly during this period.

Biweekly 2020-04

2020-02-11	R 2015-04-04	Bell Helicopter Textron Inc.	412 and 412EP helicopters
2020-02-17		Sikorsky Aircraft Corporation	S-70, S-70A, S-70C, S-70C(M), and S-70C(M1) helicopters
2020-02-23		Airbus Helicopters	AS350B, AS350BA, AS350B1, AS350B2, AS350B3, AS350C, AS350D, and AS350D1; AS355E, AS355F, AS355F1, AS355F2, AS355N, and AS355NP helicopters
2020-03-50		Cirrus Design Corporation	SF50 airplanes

Biweekly 2020-05

2020-03-13		Leonardo S.p.A.	AW189 helicopters
2020-03-16		Textron Aviation Inc.	210G, T210G, 210H, T210H, 210J, T210J, 210K, T210K, 210L, T210L, 210M, and T210M airplanes

Biweekly 2020-06

2020-04-21		Bell Helicopter Textron Canada Limited	429 helicopters
2020-05-11		Robinson Helicopter Company	R44 and R44 II helicopters

Biweekly 2020-07

2020-04-13		Daher Aircraft Design, LLC	KODIAK 100 airplanes
2020-04-14		Honda Aircraft Company LLC	HA-420 airplanes
2020-04-21		Bell Helicopter Textron Canada Limited	429 helicopters
2020-05-20		Airbus Helicopters	AS332C, AS332C1, AS332L, AS332L1, and AS332L2 helicopters
2020-05-23		Airbus Helicopters	AS332C, AS332C1, AS332L, and AS332L1 helicopters
2020-06-11		MD Helicopters Inc.	600N helicopters

Biweekly 2020-08

2020-06-12		Airbus Helicopters	AS332L2 and EC225LP helicopters
2020-06-13		Airbus Helicopters	AS332C, AS332C1, AS332L, and AS332L1 helicopters

Biweekly 2020-09

2020-07-15		PZL Swidnik S.A.	PZL W-3A helicopters
2020-07-22		PZL Swidnik S.A.	PZL W-3A helicopters
2020-08-02		Thales AVS France SAS	Global Positioning System/Satellite Based Augmentation System receivers
2020-08-10		Robinson Helicopter Company	R44 and R44 II helicopters
2020-09-01	R 2008-24-04	Airbus Helicopters	AS355E, AS355F, AS355F1, AS355F2, and AS355N helicopters
2020-09-02	R 2017-16-04	Anjou Aeronautique	Torso restraint systems

Biweekly 2020-10

2020-09-04		Aermacchi S.p.A.	F.260, F.260B, F.260C, F.260D, F.260E, and F.260F

Biweekly 2020-11

2020-09-15		Airbus Helicopters	AS332C, AS332C1, AS332L, and AS332L1
2020-10-02	R 2011-12-07	Airbus Helicopters	SA-365C, SA-365C1, SA-365C2, SA-365N, SA-365N1, AS-365N2, AS 365 N3, and SA-366G1
2020-10-03		Weatherly Aircraft Company	201, 201A, 201B, 201C, 620, 620A, 620B, 620B-TG, and 620TP
2020-10-05		Rockwell Collins, Inc	Flight Management Systems

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2020-11-02		Airbus Helicopters	AS332C, AS332C1, AS332L, AS332L1, AS332L2, and EC225LP
2020-11-04		Learjet Inc.	60
2020-11-05		Airbus Helicopters	EC120B
Biweekly 2020-12			
2020-11-06		Pilatus Aircraft Ltd	PC-6, 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, PC-6/C1-H2, PC-6-H1, and PC-6-H2
2020-11-07		MD Helicopter Inc.	369D, 369E, 369FF, 369H, 369HE, 369HM, 369HS, 500N, and 600N
Biweekly 2020-13			
2020-03-50		Cirrus Design Corporation	SF50
2020-12-02		Airbus Helicopters	EC120B
2020-12-07		Hamilton Sundstrand Corporation	54H60
2020-12-08	R 2011-20-01	Embraer S.A.	EMB-505
2020-12-10	R 2011-12-08	Bell Textron Inc.	205A, 205A-1, 205B, 212, 412, 412CF, and 412EP
Biweekly 2020-14			
2020-12-09		Airbus Helicopters	EC130B4 and EC130T2
2020-13-02		Leonardo S.p.A.	A119 and AW119 MKII
2020-13-03	R 2018-07-15	XtremeAir GmbH Airplanes	XA42
Biweekly 2020-15			
2020-13-01		Quest Aircraft Design, LLC	KODIAK 100
2020-14-01		Bell Textron Inc.	214ST
2020-14-06		Diamond Aircraft Industries Inc.	DA 40, DA 40 F, and DA 40 NG
2020-15-01		Airbus Helicopters	EC 155B and EC155B1
Biweekly 2020-16			
2020-14-07		Austro Engine GmbH	E4 and E4P
2020-15-03	R 2016-07-13 R 2018-03-22	GE Aviation Czech s.r.o.	M601D-11, M601E-11, M601E-11A, M601E-11AS, M601E-11S, and M601F
2020-15-04		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, and H85-200
2020-15-05	R 2018-18-02	Austro Engine GmbH	E4 and E4P
2020-15-06		PZL Swidnik S.A.	W-3A
2020-15-11		PZL Swidnik S.A.	PZL W-3A
2020-15-13	R 2017-02-07	Airbus Helicopters Deutschland GmbH	MBB-BK 117 C-2 and MBB-BK 117 D-2
2020-15-15		Airbus Helicopters	EC225LP
2020-15-16	R 2018-07-08	Leonardo S.p.A.	A109E, A109K2, A109S, AW109SP, A119, and AW119 MKII
2020-15-18		Leonardo S.p.A.	AB139, AW139, AW169, and AW189
2020-15-19		Pacific Aerospace Limited	750XL
2020-16-03		PZL Swidnik S.A.	PZL W-3A
2020-16-08		Aspen Avionics, Inc.	Evolution Flight Display (EFD) EFD1000 Primary Flight Display, EFD1000 Multi-Function Display, and EFD1000 Emergency Backup Display
2020-16-10		Bell Textron Inc.	204B, 205A, 205A-1, 205B, 212, 214B, 214B-1, 412, 412CF, and 412EP
Biweekly 2020-17			
2020-13-01	COR	Daher Aircraft Design, LLC	KODIAK 100
2020-13-09		DG Flugzeugbau GmbH	DG-500 Elan Orion, DG-500 Elan Trainer, DG-500/20 Elan, DG-500/22 Elan, DG-500M, and DG-500MB
2020-15-17		Sikorsky Aircraft Corporation	S-76C
2020-16-02		Pilatus Aircraft Ltd.	PC-6, 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-

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			H2, PC-6/B2-H4, PC-6/C-H2, PC-6/C1-H2, PC-6-H1, and PC-6-H2
2020-16-04		Pacific Aerospace Limited	750XL
2020-16-05		Blanik Aircraft CZ s.r.o.	L 23 Super-Blanik
2020-16-09	R 2009-25-09	Airbus Helicopters	SA330J
2020-17-05		Airbus Helicopters Deutschland GmbH	MBB-BK 117 D-2
Biweekly 2020-18			
2020-15-18	COR	Leonardo S.p.A.	AB139, AW139, AW169, and AW189
2020-16-06		Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, and A-1C-200
2020-16-07		Pacific Aerospace Limited	750X
2020-16-08	COR	Aspen Avionics, Inc.	Evolution Flight Display (EFD) EFD1000 Primary Flight Display, EFD1000 Multi-Function Display, and EFD1000 Emergency Backup Display
2020-16-11		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, IO-550-G, IO-550-N, IO-550-P, IO-550-R, IOF-550-N, IOF-550-P, IOF-550-R, TSIO-520-BE, TSIO-550-A, TSIO-550-B, TSIO-550-C, TSIO-550-E, TSIO-550-G, TSIO-550-K, TSIO-550-N, TSIOF-550-D, TSIOF-550-J, TSIOF-550-K, and TSIOF-550-P
2020-16-12		Pacific Aerospace Limited	750XL
2020-16-15		Viking Air Limited	DHC-2 Mk. I and DHC-2 Mk. III
2020-16-16		Pacific Aerospace Limited	750XL
2020-16-19		Sikorsky Aircraft Corporation	S-92A
2020-16-20	R 2018-04-09	Pacific Aerospace Limited	750XL
2020-17-08		Pacific Aerospace Limited	750XL
2020-17-09		GA 8 Airvan (Pty) Ltd	GA8 and Model GA8-TC320
2020-17-10	R 2016-02-06	Bell Helicopter Textron Canada Limited	429
2020-17-11	R 2017-14-05	Airbus Helicopters	SA330J
2020-18-08	R 2019-12-18	Robinson Helicopter Company	R44 II
2020-18-51	E	Sandia Attitude Indicator	Attitude Indicator
Biweekly 2020-19			
2015-17-01R1	R 2015-17-01	Airbus Helicopters	AS350B, AS350BA, AS350B1, AS350B2, AS350B3, AS350C, AS350D, AS350D1, AS355E, AS355F, AS355F1, AS355F2, AS355N, and AS355NP
2020-18-05		Pratt & Whitney Canada Corp	PT6B-37A
2020-18-19	R 2014-12-07	Leonardo S.p.a.	AB412 and AB412EP
2020-18-51		Sandia Attitude Indicator	Attitude indicator
2020-19-04		Leonardo S.p.a.	AB139 and AW139
Biweekly 2020-20			
2020-18-20		MD Helicopters Inc.	369A, 369D, 369E, 369FF, 369H, 369HE, 369HM, 369HS, 500N, and 600N
2020-19-01		Airbus Helicopters Deutschland GmbH	MBB-BK 117 D-2
2020-19-02	R 2000-22-19	Airbus Helicopters	SA330J
2020-19-05		Bell Helicopter Textron Canada Limited	505
2020-19-07		Leonardo S.p.a.	AW169
2020-19-08		Bell Textron Inc.	204B, 205A-1, and 212
2020-19-09		Leonardo S.p.A.	AW169 and AW189
2020-19-11		Leonardo S.p.a.	A119 and AW119 MKII
2020-19-12	R 2018-21-04	Glasflugel	Club Libelle 205, H 301 “Libelle,” H 301B “Libelle,” Kestrel, Mosquito, Standard “Libelle,” and Standard Libelle-201B
2020-20-06		Bell Helicopter Textron Canada	429

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Biweekly 2020-21

2020-18-01		Textron Aviation Inc.	172N. 172P. 172Q, 172RG, F172N, F172P FR172K, R172K, 182E, 182F, 182G, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, T182, F182P, F182Q, FR182, R182, TR182, 206, P206, P206A, P206B, P206C, P206D, P206E, TP206A, TP206B, TP206C, TP206D, TP206E, U206, U206A, U206B, U206C, U206D, U206E, U206F, U206G, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, TU206G, 207, 207A, T207, T207A, 210-5A (205), 210-5A (205A), 210B, 210C, 210D, 210E, 210F, T210F
2020-18-11		Airbus Helicopters Deutschland GmbH	MBB-BK 117 A-3, MBB-BK 117 A-4, MBB-BK 117 B-1, MBB-BK 117 B-2, and MBB-BK 117 C-1
2020-19-06		McCauley Propeller Systems	Governors
2020-19-10		Piaggio Aero Industries S.p.A.	P-180
2020-20-02		Leonardo S.p.a.	A109E, A109S, and AW109SP
2020-20-03		Airbus Helicopters	AS350B2
2020-20-14		Airbus Helicopters	SA-365N, SA-365N1, AS-365N2, AS 365 N3, EC 155B, EC155B1, AS350B3, AS355F, AS355F1, AS355F2, AS355N, AS355NP, EC130B4, and EC130T2
2020-21-01		Airbus Helicopters	AS-365N2, AS 365N3, EC 155B, EC155B1, and SA-365N1

Biweekly 2020-22

2020-21-21		Leonardo S.p.a.	A109E, A109S, A119, AW109SP, and AW119MKII

Biweekly 2020-23

2020-20-08		Airbus Helicopters	AS332C, AS332C1, AS332L, AS332L1, AS332L2, and EC225LP
2020-21-12		Pilatus Aircraft Ltd	PC-24
2020-21-15		Airbus Helicopters	AS-365N2, AS 365 N3, EC 155B, EC155B1, and SA-365N1
2020-21-22		Textron Aviation Inc.	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K, 182, 182A, 182B, 182C, 182D, 185, 185A, 185B, 185C, 185D, 185E, A185E, and A185F
2020-21-23		Pilatus Aircraft Ltd.	PC-12, PC-12/45, PC-12/47, and PC-12/47E
2020-22-01		Airbus Helicopters	AS332C, AS332C1, AS332L, and AS332L1
2020-22-04		Airbus Helicopters Deutschland GmbH	EC135P1, EC135P2, EC135P2+, EC135P3, EC135T1, EC135T2, EC135T2+, EC135T3, and EC635T2+
2020-22-05		Pilatus Aircraft Ltd.	PC-12/47E
2020-22-07		Bell Textron Inc.	412, 412CF, and 412EP
2020-22-12		Polskie Zaklady Lotnicze Sp. z o.o	PZL M28 05
2020-22-13		Airbus Helicopters	AS332C1 and AS332L1
2020-22-14	R 2018-07-16	Austro Engine GmbH	E4 and E4P
2020-22-17		Pilatus Aircraft Ltd.	PC-24
2020-22-19		Various Restricted Category Helicopters	EH-60A, HH-60L, S-70, S-70A, S-70C, S-70C(M), S-70C(M1), and UH-60A
2020-22-20		Airbus Helicopters	AS350B, AS350B1, AS350B2, AS350B3, AS350BA, AS350D, AS350D1, AS355E, AS355F, AS355F1, AS355F2, AS355N, AS355NP, EC130B4, and EC130T2
2020-23-01		GE Aviation Czech s.r.o	M601D-11, M601E-11, M601E-11A, M601E-11AS, M601E-11S, M601F, H75-200, H80-100, H80-200, and H85-200

Biweekly 2020-24

2020-22-17		Pilatus Aircraft Ltd.	PC-24
2020-22-20		Airbus Helicopters	AS350B, AS350B1, AS350B2, AS350B3, AS350BA, AS350D, AS350D1, AS355E, AS355F, AS355F1, AS355F2, AS355N, AS355NP, EC130B4, and EC130T2
2020-23-01		GE Aviation Czech s.r.o	M601D-11, M601E-11, M601E-11A, M601E-11AS, M601E-11S, M601F, H75-200, H80-100, H80-200, and H85-200
2020-23-02		Airbus Helicopters	EC225LP

AD No.	Information	Manufacturer	Applicability

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2020-23-05	R 2018-08-01	Airbus Helicopters	EC225LP
2020-23-06		Airbus Helicopters	AS332C, AS332C1, AS332L, and AS332L1
2020-23-07		Leonardo S.p.a.	AB139 and AW139
2020-23-09		Airbus Helicopters	EC130B4
Biweekly 2020-25			
2020-23-03	R 2017-09-05	Airbus Helicopters	AS332C, AS332C1, AS332L, AS332L1, AS332L2, and EC225LP
2020-24-01		Pilatus Aircraft Ltd.	PC-24
2020-24-03		Airbus Helicopters	AS350B, AS350BA, AS350B1, AS350B2, AS350D, AS355E, AS355F, AS355F1, and AS355F2
2020-24-05		Piper Aircraft, Inc.	PA-28-140, PA-28-150 and PA-28-160; PA-28-180, PA-28-235, PA-32-260, PA-32-300
2020-24-06	R 2019-08-13	Textron Aviation, Inc.	525, 525A, and 525B
2020-24-09		Piper Aircraft, Inc.	PA-34-220T
Biweekly 2020-26			
2020-24-07	R 2018-26-02	Airbus Helicopters	AS350B3, EC130B4, EC130T2
2020-24-10		Aerostar Aircraft Corporation	PA-60-601P (Aerostar 601P), PA-60-602P (Aerostar 602P), and PA-60-700P (Aerostar 700P)
2020-25-01		Textron Aviation, Inc.	F90, 65-90, 65-A90, B90, C90, H90 (T-44A), E90, 65-A90-1 (JU-21A, U-21A, RU-21A, RU-21D, U-21G, RU-21H), 65-A90-2 (RU-21B), 65-A90-3 (RU-21C), 65-A90-4 (RU-21E, RU-21H), 99, 99A, 99A (FACH), A99, A99A, B99, C99, 100, A100 (U-21F), B100
2020-25-05		Hoffmann GmbH & Co. KG	HO-V 72
2020-25-11	R 2014-12-12	Airbus Helicopters	EC120B and EC130B4
2020-25-12		Superior Air Parts, Inc.	IO-360-B2F, IO-360-L2A, O-360-A2A, O-360-A2D, O-360-A2E, O-360-A2F, O-360-A2G, O-360-B2A, O-360-C2A, O-360-C2C, O-360-C2D, O-360-C2E, O-360-D2A, O-360-D2B; AEIO-360-H1A, IO-360-B1A, IO-360-B1B, IO-360-B1D, IO-360-B1E, IO-360-B1F, IO-360-M1A, O-360-A1A, O-360-A1C, O-360-A1D, O-360-C1A, O-360-C1G, O-360-C1C, O-360-C1E, O-360-C1F
2020-26-03	R 2007-26-51	Airbus Helicopters Deutschland GmbH	EC135P1, EC135T1, EC135P2, EC135T2, EC135P2+, EC135T2+, EC135P3, and EC135T3
2020-26-06		Technify Motors GmbH	TAE 125-02-99 and TAE 125-02-114

2020-24-07 Airbus Helicopters: Amendment 39-21337; Docket No. FAA-2020-0570; Product Identifier 2019-SW-121-AD.

(a) Applicability

This airworthiness directive (AD) applies to the following Airbus Helicopters, certificated in any category:

(1) Model AS350B3 helicopters with an ARRIEL 2B1 engine with the two-channel Full Authority Digital Engine Control (FADEC) and with new twist grip modification (MOD) 073254 or with an ARRIEL 2D engine installed;

(2) Model EC130B4 helicopters with an ARRIEL 2B1 engine with the two-channel FADEC and with new twist grip MOD 073773 installed; and

(3) Model EC130T2 helicopters with an ARRIEL 2D engine installed.

(b) Unsafe Condition

This AD defines the unsafe condition as failure of one of the two contactors, 53Ka or 53Kb, which can prevent switching from "IDLE" mode to "FLIGHT" mode during autorotation training making it impossible to recover from a practice autorotation and compelling the pilot to continue the autorotation to the ground. This condition could result in unintended touchdown to the ground at a flight-idle power setting during a practice autorotation, damage to the helicopter, and injury to occupants.

(c) Affected ADs

This AD replaces AD 2018-26-02, Amendment 39-19532 (83 FR 66093, December 26, 2018).

(d) Effective Date

This AD becomes effective January 12, 2021.

(e) Compliance

You are responsible for performing each action required by this AD within the specified compliance time unless it has already been accomplished prior to that time.

(f) Required Actions

(1) Before the next practice autorotation, within 100 hours time-in-service (TIS), or 6 months, whichever occurs first, inspect the wiring, perform an insulation test, inspect the pilot and copilot throttle twist grip controls, and test the pilot and copilot throttle twist grip controls for proper functioning by following the Accomplishment Instructions, paragraph 3.B.1 through 3.B.6, of Airbus Helicopters Emergency Alert Service Bulletin (EASB) No. 05.00.61, Revision 3, dated June 15, 2015, for Model AS350B3 helicopters with an ARRIEL 2B1 engine; EASB No. 05.00.77, Revision

1, dated June 15, 2015, for Model AS350B3 helicopters with an ARRIEL 2D engine; EASB No. 05A009, Revision 3, dated June 15, 2015, for Model EC130B4 helicopters; or EASB No. 05A014, Revision 1, dated June 15, 2015, for Model EC130T2 helicopters, as appropriate for your model helicopter.

(2) Repeat the inspections in paragraph (f)(1) of this AD at intervals not to exceed the following compliance times. For purposes of this AD, salt laden conditions exist when a helicopter performs a flight from a takeoff and landing area, heliport, or airport less than 0.5 statute mile from salt water or performs a flight within 0.5 statute mile from salt water below an altitude of 1,000 ft. above ground or sea level.

(i) For helicopters that have operated in salt laden conditions since the previous inspection required by this AD, at intervals not to exceed 330 hours TIS or 6 months, whichever occurs first.

(ii) For helicopters that have not operated in salt laden conditions since the previous inspection required by this AD, at intervals not to exceed 660 hours TIS or 12 months, whichever occurs first.

(g) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Rotorcraft Standards Branch, FAA, may approve AMOCs for this AD. Send your proposal to: George Schwab, Aviation Safety Engineer, Safety Management Section, Rotorcraft Standards Branch, FAA, 10101 Hillwood Parkway, Fort Worth, Texas 76177; telephone 817-222-5110; email 9-ASW-FTW-AMOC-Requests@faa.gov.

(2) For operations conducted under a 14 CFR part 119 operating certificate or under 14 CFR part 91, subpart K, the FAA suggests that you notify your principal inspector, or lacking a principal inspector, the manager of the local flight standards district office or certificate holding district office, before operating any aircraft complying with this AD through an AMOC.

(h) Additional Information

The subject of this AD is addressed in European Aviation Safety Agency (now European Union Aviation Safety Agency) AD No. 2017-0059, dated April 6, 2017. You may view the EASA AD on the internet at https://www.regulations.gov in Docket No. FAA-2020-0570.

(i) Subject

Joint Aircraft Service Component (JASC) Code: 7697, Engine Control System Wiring.

(j) 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 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.

(3) The following service information was approved for IBR on February 2, 2017 (81 FR 95854, December 29, 2016).

(i) Airbus Helicopters Emergency Alert Service Bulletin (EASB) No. 05.00.61, Revision 3, dated June 15, 2015.

(ii) Airbus Helicopters EASB No. 05A009, Revision 3, dated June 15, 2015.

Note 1 to paragraph (j)(3): Airbus Helicopters EASB Nos. 05.00.61 and 05A009, both Revision 3 and dated June 15, 2015, are co-published as one document along with Airbus Helicopters EASB No. 05.00.41, Revision 2, dated June 15, 2015, which is not incorporated by reference in this AD.

(4) The following service information was approved for IBR on January 30, 2019 (83 FR 66093, December 26, 2018).

(i) Airbus Helicopters EASB No. 05.00.77, Revision 1, dated June 15, 2015.

(ii) Airbus Helicopters EASB No. 05A014, Revision 1, dated June 15, 2015.

Note 2 to paragraph (j)(4): Airbus Helicopters EASB Nos. 05.00.77 and 05A014, both Revision 1 and dated June 15, 2015, are co-published as one document along with Airbus Helicopters EASB No. 05.00.52, Revision 1, dated June 15, 2015, which is not incorporated by reference in this AD.

(5) For service information identified in this AD, contact Airbus Helicopters, 2701 N Forum Drive, Grand Prairie, TX 75052; telephone 972-641-0000 or 800-232-0323; fax 972-641-3775; or at https://www.airbus.com/helicopters/services/technical-support.html.

(6) 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.

(7) 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 fedreg.legal@nara.gov, or go to: https://www.archives.gov/federal-register/cfr/ibr-locations.html.

Issued on November 17, 2020.

Lance T. Gant,

Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2020-26867 Filed 12-7-20; 8:45 am]

2020-24-10 Aerostar Aircraft Corporation: Amendment 39-21340; Docket No. FAA-2020-0574; Product Identifier 2019-CE-015-AD.

(a) Effective Date

This airworthiness directive (AD) is effective January 22, 2021.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Aerostar Aircraft Corporation Model PA-60-601P (Aerostar 601P), PA-60-602P (Aerostar 602P), and PA-60-700P (Aerostar 700P) airplanes, all serial numbers, certificated in any category.

(d) Subject

Air Transport Association (ATA) of America Code 27; Flight Controls.

(e) Unsafe Condition

This AD was prompted by reports of corrosion on the elevator and aileron balance tubes. The FAA is issuing this AD to detect corrosion on the elevator and aileron balance tubes. The unsafe condition, if not addressed, could result in failure of the aileron and elevator balance tubes, jamming of the aileron and/or elevator balance tubes, and loss of control of the airplane.

(f) Compliance

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

(g) Repetitive Inspections

Within 10 hours time-in-service after the effective date of this AD, inspect the elevator and aileron balance tubes for corrosion (pitting and flaking) and rust (discoloration) by following steps 1. through 3. of Part I (Inspection) of the Instructions in Aerostar Aircraft Corporation Service Bulletin SB600-138, dated August 30, 2018 (Aerostar SB600-138). For each tube replaced as required by paragraph (h) of this AD, using a borescope, repeat the inspection within 10 years after replacing the tube and thereafter as follows:

(1) At intervals not to exceed 10 years as long as no rust is found.

(2) At intervals not to exceed 2 years if only rust is found (without any signs of corrosion).

(h) Replacements

At the following compliance times, replace each elevator and aileron balance tube by following Part II (Replacement) of the Instructions in Aerostar SB600-138, except you are not required to report information to the manufacturer:

(1) Before further flight if corrosion or rust is found (inside or outside the tubes) during the initial inspection required by paragraph (g) of this AD.

(2) At the next 100-hour inspection or at the next annual inspection, whichever occurs first, if no corrosion and no rust is found (inside or outside the tubes) during the initial inspection required by paragraph (g) of this AD.

(3) Before further flight if corrosion is found (inside or outside the tubes) during any repetitive inspection required by paragraph (g) of this AD.

(i) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Seattle 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-Seattle-ACO-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.

(j) Related Information

For more information about this AD, contact David Herron, Aerospace Engineer, Seattle ACO Branch, FAA, 2200 S 216th St, Des Moines, WA 98198; phone: (206) 231-3544; email: david.herron@faa.gov.

(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 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) Aerostar Aircraft Corporation Service Bulletin SB600-138, dated August 30, 2018.

(ii) [Reserved]

(3) For service information identified in this AD, contact Aerostar Aircraft Corporation, 2265 West Aerostar Way, Hayden Lake, ID 83835; telephone: (208) 762-0338; fax: (208) 762-8349; internet: https://aerostaraircraft.com.

(4) You may view this service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the FAA, call (816) 329-4148.

(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: fedreg.legal@nara.gov, or go to: https://www.archives.gov/federal-register/cfr/ibr-locations.html.

Issued on December 15, 2020.

Gaetano A. Sciortino,

Deputy Director for Strategic Initiatives, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2020-27894 Filed 12-17-20; 8:45 am]

2020-25-01 Textron Aviation, Inc., (Type Certificate Previously Held by Beechcraft Corporation): Amendment 39-21343; Docket No. FAA-2020-0718; Project Identifier 2019-CE-045-AD.

(a) Effective Date

This airworthiness directive (AD) is effective January 11, 2021.

(b) Affected ADs

None.

(c) Applicability

This AD applies to the Textron Aviation Inc., (Textron) (type certificate previously held by Beechcraft Corporation) airplanes, certificated in any category, identified in table 1 to paragraph (c) of this AD:

Models	Serial Numbers (S/Ns)
F90	LA-2 through LA-225
65-90, 65-A90, B90, C90	All S/Ns
H90 (T-44A)	LL-1 through LL-61
E90	LW-1 through LW-347
65-A90-1 (JU-21A, U-21A, RU-21A, RU-21D, U-21G, RU-21H)	LM-1 through LM-144
65-A90-2 (RU-21B)	LS-1, LS-2, LS-3
65-A90-3 (RU-21C)	LT-1 and LT-2
65-A90-4 (RU-21E, RU-21H)	LU-1 through LU-16
99, 99A, 99A (FACH), A99, A99A, B99, C99	U-1 through U-239
100, A100 (U-21F)	B-1 through B-247
B100	BE-1 through BE-137

Table 1 to paragraph (c)

(d) Subject

Joint Aircraft System Component (JASC): 5700, Wings.

(e) Unsafe Condition

This AD was prompted by information provided by Textron that a washer assembly may provide premature torque indication that could lead to cracking of the wing fitting. The FAA is issuing this AD to prevent such fatigue cracks. The unsafe condition, if not addressed, could result in failure of the forward lower wing fitting, which could lead to wing separation and loss of airplane control.

(f) Compliance

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

(g) Action

(1) Within the next 200 flight hours after the effective date of this AD or within 12 months after the effective date of this AD, whichever occurs later, inspect each washer assembly attached to the left and right lower forward wing bolts and remove all part number 90-380058-1 washers in accordance with the Accomplishment Instructions, paragraphs 3 through 5, of Beechcraft Mandatory Service Letter MTL-57-01, Revision 1, dated September 19, 2018 (MTL-57-01, Revision 1). In all locations where a washer part number 90-380058-1 was removed, do the following:

(i) Inspect the bolt, nut, and fitting in accordance with the Accomplishment Instructions, paragraph 6, of MTL-57-01, Revision 1. If there is a crack in the fitting, replace the fitting before further flight.

(ii) Install a part number 90-380019-1 washer in accordance with the Accomplishment Instructions, paragraph 7, of MTL-57-01, Revision 1.

(2) As of the effective date of this AD, do not install washer part number 90-380058-1 on any airplane listed in table 1 to paragraph (c) of this AD.

(h) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Wichita ACO Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. Send information to ATTN: Brian C. Adamson, Aviation Safety Engineer, Wichita ACO Branch, AIR-7K3, FAA, 1801 Airport Rd., Wichita, KS 67209; phone: 316-946-4193; fax: 316-946-4107; email: brian.adamson@faa.gov or Wichita-COS@faa.gov.

(2) Before using any approved AMOC on any airplane to which the AMOC applies, notify your appropriate principal inspector (PI) in the FAA Flight Standards District Office (FSDO), or lacking a PI, your local FSDO.

(i) Related Information

For more information about this AD, contact Brian C. Adamson, Aviation Safety Engineer, Wichita ACO Branch, AIR-7K3, FAA, 1801 Airport Rd., Wichita, KS 67209; phone: 316-946-4193; fax: 316-946-4107; email: brian.adamson@faa.gov or Wichita-COS@faa.gov.

(j) Material Incorporated by Reference

(1) The Director of the Federal Register approved the incorporation by reference of the service information listed in this paragraph under 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) Beechcraft Mandatory Service Letter MTL-57-01, Revision 1, dated September 19, 2018.

(ii) [Reserved]

(3) For Beechcraft service information identified in this AD, contact Textron Aviation Inc., P.O. Box 7706, Wichita, KS 67277: phone: 316-517-5800; internet: https://txtav.com/.

(4) You may view this service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the FAA, call (816) 329-4148.

(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: fedreg.legal@nara.gov or go to: https://www.archives.gov/federal-register/cfr/ibr-locations.html.

Issued on November 23, 2020.
Lance T. Gant,
Director, Compliance & Airworthiness Division, Aircraft Certification Service.
[FR Doc. 2020-26773 Filed 12-4-20; 8:45 am]

2020-25-05 Hoffmann GmbH & Co. KG: Amendment 39-21347; Docket No. FAA-2020-1104; Project Identifier MCAI-2020-01421-P.

(a) Effective Date

This airworthiness directive (AD) is effective December 22, 2020.

(b) Affected ADs

None.

(c) Applicability

This AD applies to all Hoffmann GmbH & Co. KG (Hoffmann) model HO-V 72 propellers.

(d) Subject

Joint Aircraft System Component (JASC) Code 6114, Propeller Hub Section.

(e) Unsafe Condition

This AD was prompted by reports of cracks at different positions on two affected propeller hubs. The FAA is issuing this AD to prevent failure of the propeller hub. The unsafe condition, if not addressed, could result in release of the propeller, damage to the airplane, and injury to persons on the ground.

(f) Compliance

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

(g) Required Actions

(1) Before the next flight after the effective date of this AD, amend the existing aircraft flight manual by inserting the procedure: "Abnormal propeller vibrations: As applicable, reduce engine RPM."

(2) Before the next flight after the effective date of this AD, and thereafter, before the next flight after any flight where abnormal propeller vibrations have been experienced, visually inspect propeller hub HO-V 72 ( ) ( )-( )-( ) for cracks using paragraph 2.1 of Hoffmann Propeller GmbH & Co. KG Service Bulletin SB E53, Rev. B, dated October 14, 2020 (the SB).

(3) Within 20 flight hours after the effective date of this AD, perform a non-destructive test (NDT) inspection of propeller hub HO-V 72 ( ) ( )-( )-( ) using paragraph 2.3 of the SB.

(4) If, during any inspection required by paragraph (g)(2) or (3) of this AD, any crack is detected, replace propeller hub HO-V 72 ( ) ( )-( )-( ) with a part eligible for installation.

(5) During each overhaul of propeller hub HO-V 72 ( ) ( )-( )-( ) after the effective date of this AD, perform an NDT inspection using paragraph 2.3 of the SB.

(6) Before exceeding 30 years since the date of manufacture, or within 30 days after the effective date of this AD, whichever occurs later, replace propeller hub HO-V 72 ( ) ( )-( )-( ) with a part eligible for installation.

(h) Definition

For the purpose of this AD, a "part eligible for installation" is a propeller hub HO-V 72 ( ) ( )-( )-( ) with zero hours time since new or a propeller hub HO-V 72 ( ) ( )-( )-( ) that has accumulated fewer than 30 years since the date of manufacture and has passed an NDT inspection using paragraph 2.3 of the SB.

(i) Non-Required Actions

(1) Sending the propeller to Hoffmann for investigation, as contained in paragraph 2.1 of the SB, is not required by this AD.

(2) Reporting propeller hubs with cracks to Hoffmann, as contained in paragraph 2.3 of the SB, is not required by this AD.

(j) Credit for Previous Actions

You may take credit for the initial visual inspection and NDT inspection of the propeller hub required by paragraphs (g)(2), (3), and (5) of this AD if you performed any of these actions before the effective date of this AD using Hoffmann Propeller GmbH & Co. KG SB E53 Rev. A, dated October 9, 2020.

(k) Special Flight Permit

A special flight permit may be issued in accordance with 14 CFR 21.197 and 21.199 to operate the airplane to a service facility to perform the NDT inspection. Special flight permits are prohibited to perform the visual inspection of the propeller hub.

(l) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Boston 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 Related Information.

(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.

(m) Related Information

(1) For more information about this AD, contact Michael Schwetz, Aviation Safety Engineer, Boston ACO Branch, FAA, 1200 District Avenue, Burlington, MA 01803; phone: (781) 238-7761; fax: (781) 238-7199; email: michael.schwetz@faa.gov.

(2) Refer to European Union Aviation Safety Agency (EASA) AD 2020-0226-E, dated October 16, 2020, for more information. You may examine the EASA AD in the AD docket at https://www.regulations.gov by searching for and locating it in Docket No. FAA-2020-1104.

(n) 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 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) Hoffmann Propeller GmbH & Co. KG (Hoffmann) Service Bulletin SB E53, Rev. B, dated October 14, 2020.

(ii) [Reserved]

(3) For Hoffmann service information identified in this AD, contact Hoffmann Propeller GmbH & Co. KG, Sales and Service, Küpferlingstrasse 9, 83022, Rosenheim, Germany; phone: +49 (0) 8031 1878 0; fax: +49 (0) 8031 1878 78; email: info@hoffmann-prop.com; website: https://hoffmann-prop.com/.

(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 (781) 238-7759.

(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: fedreg.legal@nara.gov, or go to: https://www.archives.gov/federal-register/cfr/ibr-locations.html.

Issued on November 30, 2020.

Lance T. Gant,

Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2020-26765 Filed 12-4-20; 8:45 am]

2020-25-11 Airbus Helicopters: Amendment 39-21353; Docket No. FAA-2016-3343; Product Identifier 2015-SW-078-AD.

(a) Effective Date

This airworthiness directive (AD) is effective January 21, 2021.

(b) Affected ADs

This AD replaces AD 2014-12-12, Amendment 39-17873 (79 FR 36638, June 30, 2014).

(c) Applicability

This AD applies to Airbus Helicopters Model EC120B and EC130B4 helicopters, certificated in any category, as identified in European Union Aviation Safety Agency (EASA) AD 2020-0095, dated April 29, 2020 (EASA AD 2020-0095).

(d) Subject

Joint Aircraft System Component (JASC) Code 5200, Doors.

(e) Reason

This AD was prompted by reports of passengers not being able to open a helicopter's left-hand door after landing. The FAA is issuing this AD to address failure of the sliding door star support, which could inhibit the operation of the sliding door from the inside, delaying the evacuation of passengers during an emergency.

(f) Compliance

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

(g) Requirements

Except as specified in paragraph (h) of this AD: Comply with all required actions and compliance times specified in, and in accordance with, EASA AD 2020-0095.

(h) Exceptions to EASA AD 2020-0095

(1) Where EASA AD 2020-0095 refers to its effective date, this AD requires using the effective date of this AD.

(2) Where paragraph (1) of EASA AD 2020-0095 specifies to complete the actions within 24 months after its effective date, this AD requires completion within 460 hours time-in-service after the effective date of this AD.

(3) The “Remarks” section of EASA AD 2020-0095 does not apply to this AD.

(4) Although the service information referenced in EASA AD 2020-0095 specifies to discard certain parts, this AD does not include that requirement.

(5) Where EASA AD 2020-0095 allows credit for Airbus Helicopters Alert Service Bulletin No. EC120-52A018, Revision 0, dated November 13, 2015 (ASB EC120-52A018 at original issue), this AD does not.

(i) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Strategic Policy Rotorcraft Section, FAA, may approve AMOCs for this AD. Send your proposal to: Manager, Strategic Policy Rotorcraft Section, FAA, 10101 Hillwood Pkwy, Fort Worth, TX 76177; telephone 817-222-5110; email 9/ASW/FTW/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.

(j) Related Information

For more information about this AD, contact Kathleen Arrigotti, Aerospace Engineer, Large Aircraft Section, International Validation Branch, FAA, 2200 South 216th St., Des Moines, WA; telephone 206-231-3218; email kathleen.arrigotti@faa.gov.

(k) Material Incorporated by Reference

(1) The Director of the Federal Register approved the incorporation by reference (IBR) of the service information listed in this paragraph under 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 2020-0095, dated April 29, 2020.

(ii) [Reserved]

(3) For EASA AD 2020-0095, contact the EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; telephone +49 221 8999 000; email ADs@easa.europa.eu; internet www.easa.europa.eu. You may find this EASA AD on the EASA website at https://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 on the internet at https://www.regulations.gov by searching for and locating Docket No. FAA-2016-3343.

(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 fedreg.legal@nara.gov, or go to https://www.archives.gov/federal-register/cfr/ibr-locations.html.

Issued on December 3, 2020.

Gaetano A. Sciortino,

Deputy Director for Strategic Initiatives, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2020-27659 Filed 12-15-20; 8:45 am]

2020-25-12 Superior Air Parts, Inc.: Amendment 39-21354; Docket No. FAA-2018-1077; Project Identifier 2018-NE-40-AD.

(a) Effective Date

This airworthiness directive (AD) is effective January 15, 2021.

(b) Affected ADs

None.

(c) Applicability

This AD applies to the reciprocating engine models identified in paragraphs (c)(1) and (2) of this AD with a Superior Air Parts, Inc. (SAP) crankshaft assembly, part number (P/N) SL36500-A20 or P/N SL36500-A31, with serial numbers 82976-01; 82976-02; SP12-0003 through SP12-0089, inclusive; SP13-0034 through SP13-0150, inclusive; or SP14-0151 through SP14-0202, inclusive; installed.

(1) With SAP crankshaft assembly, P/N SL36500-A20, installed:

(i) SAP Model IO-360-series and O-360-series reciprocating engines.

(ii) Lycoming Engines (Lycoming) Model IO-360-B2F, IO-360-L2A, O-360, O-360-A2A, O-360-A2D, O-360-A2E, O-360-A2F, O-360-A2G, O-360-B2A, O-360-C2A, O-360-C2C, O-360-C2D, O-360-C2E, O-360-D2A, and O-360-D2B reciprocating engines.

(2) With SAP crankshaft assembly, P/N SL36500-A31, installed:

(i) SAP Model IO-360-series and O-360-series reciprocating engines.

(ii) Lycoming Model AEIO-360-H1A, IO-360-B1A, IO-360-B1B, IO-360-B1D, IO-360-B1E, IO-360-B1F, IO-360-M1A, O-360, O-360-A1A, O-360-A1C, O-360-A1D, O-360-A2A, O-360-C1A, O-360-C1G, O-360-C1C, O-360-C1E, and O-360-C1F reciprocating engines.

Note 1 to paragraph (c): This SAP crankshaft assembly may be installed as a replacement part under parts manufacturer approval on the affected Lycoming engines.

(d) Subject

Joint Aircraft System Component (JASC) Code 8520, Reciprocating Engine Power Section.

(e) Unsafe Condition

This AD was prompted by three crankshaft assembly failures that resulted in the loss of engine power and immediate or emergency landings. The FAA is issuing this AD to prevent failure of the crankshaft assembly. The unsafe condition, if not addressed, could result in failure of the engine, in-flight shutdown, and loss of the airplane.

(f) Compliance

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

(g) Required Action

Within 25 engine operating hours after the effective date of this AD, remove the crankshaft assembly from service.

(h) Special Flight Permit

A one-time special flight permit may be issued to fly the aircraft to a maintenance facility to perform the actions of this AD with the following limitations: No passengers, visual flight rules (VFR) day conditions only, and avoid areas of known turbulence.

(i) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Fort Worth 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 Related Information.

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

(j) Related Information

For more information about this AD, contact Justin Carter, Aviation Safety Engineer, Fort Worth ACO Branch, FAA, 10101 Hillwood Parkway, Fort Worth, TX 76177; phone: (817) 222-5146; fax: (817) 222-5245; email: justin.carter@faa.gov.

(k) Material Incorporated by Reference

None.

Issued on December 3, 2020.
Lance T. Gant,
Director, Compliance & Airworthiness Division, Aircraft Certification Service.
[FR Doc. 2020-27149 Filed 12-10-20; 8:45 am]

2020-26-03 Airbus Helicopters Deutschland GmbH: Amendment 39-21358; Docket No. FAA-2020-0572; Product Identifier 2017-SW-056-AD.

(a) Effective Date

This airworthiness directive (AD) becomes effective January 22, 2021.

(b) Affected ADs

This AD replaces AD 2007-26-51, Amendment 39-15357 (73 FR 6008, February 1, 2008) (AD 2007-26-51).

(c) Applicability

This AD applies to Airbus Helicopters Deutschland GmbH Model EC135P1, EC135T1, EC135P2, EC135T2, EC135P2+, EC135T2+, EC135P3, and EC135T3 helicopters, certificated in any category, all serial numbers.

(d) Subject

Joint Aircraft Service Component (JASC) Code: 6700, Rotorcraft Flight Control.

(e) Reason

This AD was prompted by an accident involving the failure of a tail rotor control rod. The FAA is issuing this AD to address failure of a tail rotor control rod and subsequent loss of control of the helicopter.

(f) Compliance

You are responsible for performing each action required by this AD within the specified compliance time unless it has already been accomplished prior to that time.

(g) Definitions

(1) Group 1: Helicopters that, on the effective date of this AD, have a tail rotor control rod installed having part number (P/N) L672M2005207.

(2) Group 2: Helicopters that, on the effective date of this AD, do not have a tail rotor control rod installed having P/N L672M2005207.

(h) Ball Pivot Inspection

Within 50 hours time-in-service after the effective date of this AD: Inspect the ball pivot, P/N 92-201-00 and P/N 92-207-00, for damage and freedom of movement, in accordance with step

3.C.(3) or step 3.D.(3), as applicable, of the Accomplishment Instructions of the Appendix (watermarked as Appendix to SB EC135-67A-017 Revision 4) to Airbus Helicopters Alert Service Bulletin ASB EC135-67A-017, Revision 4, dated April 3, 2017. For purposes of this inspection, damage to the ball pivot may be indicated by cracks, missing hardware, loose bearings, or play.

(i) Corrective Action

If, during the inspection required by paragraph (h) of this AD, there is any damage on any ball pivot or the ball pivot cannot be moved: Before further flight, replace the ball pivot in accordance with step 3.C.(3) or step 3.D.(3), as applicable, of the Accomplishment Instructions of the Appendix (watermarked as Appendix to SB EC135-67A-017 Revision 4) to Airbus Helicopters Alert Service Bulletin ASB EC135-67A-017, Revision 4, dated April 3, 2017, and the tail rotor control rod as required by paragraph (j) of this AD.

(j) Tail Rotor Control Rod Replacement

Group 1: Unless already done as required by paragraph (i) of this AD, within 50 hours time-in-service after the effective date of this AD, replace the tail rotor control rod having P/N L672M2005207 with a tail rotor control rod having P/N L672M2006101.

Note 1 to paragraph (j): Guidance for replacing the tail rotor control rod can be found in Eurocopter Service Bulletin EC135-67-018, Revision 01, dated May 15, 2008.

(k) Parts Installation Prohibition

(1) Group 1: After modification of a helicopter as required by paragraphs (i) or (j) of this AD, no person may install on any helicopter a tail rotor control rod having P/N L672M2005207.

(2) Group 2: As of the effective date of this AD, no person may install on any helicopter a tail rotor control rod having P/N L672M2005207.

(l) Credit for Previous Actions

This paragraph provides credit for the inspection and ball pivot replacements required by paragraphs (h) and (i) of this AD, if those actions were performed before the effective date of this AD using Eurocopter Alert Service Bulletin EC135-67A-017, Revision 03, dated July 26, 2010.

(m) Special Flight Permit

Special flight permits, as described in 14 CFR 21.197 and 21.199, are not allowed.

(n) No Reporting Requirement

Although the Appendix (watermarked as Appendix to SB EC135-67A-017 Revision 4) to Airbus Helicopters Alert Service Bulletin ASB EC135-67A-017, Revision 4, dated April 3, 2017, specifies to contact the manufacturer, this AD does not include that requirement.

(o) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Strategic Policy Rotorcraft, FAA, may approve AMOCs for this AD. Send your proposal to: David Hatfield, Aviation Safety Engineer, Aircraft Systems Section, Technical Innovation Policy Branch, FAA, 10101 Hillwood Pkwy., Fort Worth, TX 76177; telephone 817-222-5116; email 9-ASW-FTW-AMOC-Requests@faa.gov.

(2) For operations conducted under a 14 CFR part 119 operating certificate or under 14 CFR part 91, subpart K, the FAA suggests that you notify your principal inspector, or lacking a principal inspector, the manager of the local flight standards district office or certificate holding district office, before operating any aircraft complying with this AD through an AMOC.

(p) Related Information

(1) The subject of this AD is addressed in European Aviation Safety Agency (now European Union Aviation Safety Agency) (EASA) AD No. 2010-0227R1, dated April 7, 2017. This EASA AD may be found in the AD docket on the internet at https://www.regulations.gov by searching for and locating Docket No. FAA-2020-0572.

(2) For service information identified in this AD, contact Airbus Helicopters, 2701 N Forum Drive, Grand Prairie, TX 75052; telephone 972-641-0000 or 800-232-0323; fax 972-641-3775; or at https://www.airbus.com/helicopters/services/technical-support.html. You may view a copy of the service information at the FAA, Office of the Regional Counsel, Southwest Region, 10101 Hillwood Pkwy., Room 6N-321, Fort Worth, TX 76177.

(q) 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) Airbus Helicopters Alert Service Bulletin ASB EC135-67A-017, Revision 4, dated April 3, 2017.

(ii) [Reserved]

(3) For service information identified in this AD, contact Airbus Helicopters, 2701 N Forum Drive, Grand Prairie, TX 75052; telephone 972-641-0000 or 800-232-0323; fax 972-641-3775; or at https://www.airbus.com/helicopters/services/technical-support.html.

(4) You may view this service information at the FAA, Office of the Regional Counsel, Southwest Region, 10101 Hillwood Pkwy., Room 6N-321, Fort Worth, TX 76177. For information on the availability of this material at the FAA, call 817-222-5110.

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

Issued on December 8, 2020.
Lance T. Gant,
Director, Compliance & Airworthiness Division, Aircraft Certification Service.
[FR Doc. 2020-27808 Filed 12-17-20; 8:45 am]

2020-26-06 Technify Motors GmbH (Type Certificate previously held by Thielert Aircraft Engines GmbH): Amendment 39-21361; Docket No. FAA-2020-1117; Project Identifier MCAI-2020-01429-E.

(a) Effective Date

This airworthiness directive (AD) is effective December 29, 2020.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Technify Motors GmbH (Type Certificate previously held by Thielert Aircraft Engines GmbH) TAE 125-02-99 and TAE 125-02-114 model reciprocating engines with engine serial number (S/N) 02-02-02793, 02-02-11120, 02-02-11424, 02-02-11425, 02-02-11426, 02-02-11494, 02-02-11497, 02-02-11498, 02-02-11500, 02-02-11514, 02-02-11553, 02-02-11574, 02-02-11576, 02-02-11579, 02-02-11580, 02-02-11581, 02-02-11582, and 02-02-11606 with turbocharger hose, part number (P/N) TAE EPA 40-7520-H0131 01, manufactured by BOOST products GmbH with batch number 3101-001, installed.

(d) Subject

Joint Aircraft System Component (JASC) 8100, Exhaust Turbine System (RECIP).

(e) Unsafe Condition

This AD was prompted by a report of a defective turbocharger hose that was discovered on an airplane during a pre-flight inspection. The FAA is issuing this AD to prevent failure of the turbocharger hose during flight. The unsafe condition, if not addressed, could result in loss of engine power and reduced control of the airplane.

(f) Compliance

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

(g) Required Action

Within 20 flight hours or 30 days after the effective date of this AD, whichever occurs first, remove the affected turbocharger hose and replace with a part eligible for installation.

(h) Installation Prohibition

After the effective date of this AD, do not install onto any engine a turbocharger hose, P/N TAE EPA 40-7520-H0131 01, manufactured by BOOST products GmbH with batch number 3101-001.

(i) Alternative Methods of Compliance (AMOCs)

(1) The Manager, ECO 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 Related Information. You may email your request to: ANE-AD-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.

(j) Related Information

(1) For more information about this AD, contact Kevin Clark, Aviation Safety Engineer, ECO Branch, FAA, 1200 District Avenue, Burlington, MA 01803; phone: (781) 238-7088; fax: (781) 238-7199; email: kevin.m.clark@faa.gov.

(2) Refer to European Union Aviation Safety Agency (EASA) AD 2020-0228, dated December 3, 2020, for more information. You may examine the EASA AD in the AD docket at https://www.regulations.gov by searching for and locating it in Docket No. FAA-2020-1117.

(k) Material Incorporated by Reference

None.

Issued on December 8, 2020.
Lance T. Gant,
Director, Compliance & Airworthiness Division, Aircraft Certification Service.
[FR Doc. 2020-27312 Filed 12-11-20; 8:45 am]