FEDERAL AVIATION ADMINISTRATION
AIRWORTHINESS DIRECTIVES

SMALL AIRPLANES, ROTORCRAFT, GLIDERS, BALLOONS, & AIRSHIPS

BIWEEKLY 2022-05

2/14/2022 - 2/27/2022

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

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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, 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

2022-03-13 Airbus Helicopters: Amendment 39-21930; Docket No. FAA-2022-0019; Project Identifier MCAI-2021-00371-R.

(a) Effective Date

This airworthiness directive (AD) is effective March 1, 2022.

(b) Affected ADs

This AD replaces AD 2014-21-03, Amendment 39-17995 (79 FR 63809, October 27, 2014) (AD 2014-21-03).

(c) Applicability

This AD applies to all Airbus Helicopters Model AS332L2 helicopters, certificated in any category.

(d) Subject

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

(e) Unsafe Condition

This AD was prompted by several reports of cracks in the front attachment points of certain yaw control damper supports (supports) and the subsequent development of an improved (reinforced) support with improved fatigue and load carrying capabilities. The FAA is issuing this AD to prevent failure of the support, separation of the yaw damper unit, blocking of the yaw flight control channel, and reduced control of the helicopter.

(f) Compliance

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

(g) Requirements

Except as specified in paragraph (h) of this AD: Comply with all required actions and compliance times specified in, and in accordance with, European Union Aviation Safety Agency (EASA) AD 2021-0086, dated March 24, 2021 (EASA AD 2021-0086).

(h) Exceptions to EASA AD 2021-0086

(1) Where EASA AD 2021-0086 requires compliance from its effective date, this AD requires using the effective date of this AD.

(2) The "Remarks" section of EASA AD 2021-0086 does not apply to this AD.

(3) Where EASA AD 2021-0086 requires compliance in terms of flight hours (FH), this AD requires using hours time-in-service (TIS).

(4) Where the service information referenced in EASA AD 2021-0086 specifies using a light source and a mirror to ensure that there are no cracks on the support at the four attachments of the yaw damper, and "if there is any doubt" removing the yaw damper, this AD requires the yaw damper to be removed prior to that inspection.

(5) Where the service information referenced in EASA AD specifies discarding certain parts, this AD requires removing those parts from service.

(6) Where Table 1 of EASA AD 2021-0086 requires a compliance time of within 100 FH after April 3, 2014 (the effective date of EASA AD 2014-0080, dated March 27, 2014 [EASA AD 2014-0080]), this AD requires a compliance time of within 100 hours TIS after the effective date of this AD.

(7) Where Note 1 of EASA AD 2021-0086 identifies the FH specified in Table 1 are those accumulated by support part number 332A25-1334-00 on April 3, 2014 (the effective date of EASA AD 2014-0080) since first installation on a helicopter, this AD requires using the total hours TIS accumulated by the helicopter as of the effective date of this AD.

(8) Where paragraph (3) of EASA AD 2021-0086 allows credit for inspections accomplished before the effective date of its AD, this AD allows credit for the initial inspection if accomplished before the effective date of this AD.

(i) No Reporting Requirement

Although the service information referenced in EASA AD 2021-0086 specifies to submit certain information to the manufacturer, this AD does not include that requirement.

(j) Alternative Methods of Compliance (AMOCs)

(1) The Manager, International Validation Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 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 (k) 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.

(k) Related Information

For more information about this AD, contact Hal Jensen, Aerospace Engineer, Operational Safety Branch, Compliance & Airworthiness Division, FAA, 950 L'Enfant Plaza N SW, Washington, DC 20024; telephone (202) 267-9167; email hal.jensen@faa.gov.

(l) 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 2021-0086, dated March 24, 2021.

(ii) [Reserved]

(3) For EASA AD 2021-0086, 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-2022-0019.

(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 https://www.archives.gov/federal-register/cfr/ibr-locations.html.

Issued on January 24, 2022.

Lance T. Gant,

Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2022-03113 Filed 2-11-22; 8:45 am]

2022-03-15 Various Airplanes: Amendment 39-21932; Docket No. FAA-2021-0715; Project Identifier AD-2021-00259-A.

(a) Effective Date

This airworthiness directive (AD) is effective March 21, 2022.

(b) Affected ADs

None.

(c) Applicability

This AD applies to all serial numbers of the airplane models listed in table 1 to paragraph (c), certificated in any category, that are either:

(1) Modified with a Garmin G3X Touch Electronic Flight Instrument System under Supplemental Type Certificate (STC) No. SA01899WI, installed in accordance with Master Drawing List (MDL) Document No. 005-01320-00, Revision 9 or earlier, interfaced with a Garmin Engine Adapter GEA 24 connected to resistive fuel probes; or

(2) Modified with a Garmin GI 275 Multi-Function Display under STC No. SA02658SE, installed in accordance with MDL Revision 9 or earlier, interfaced with a Garmin Engine Adapter GEA 24 connected to resistive fuel probes.

Note 1 to paragraph (c): Garmin Mandatory STC Service Bulletin No. 2134, Revision A, and Garmin Mandatory STC Service Bulletin No. 2135, Revision A, both dated April 23, 2021, contain information for how to determine if your airplane has a resistive probe interface.

Table 1 to Paragraph (c)—*Affected Airplanes*

Type Certificate Holder	Airplane Model
Aermacchi S.p.A.	F.260, F.260B, F.260C, F.260D, F.260E, F.260F, S.205-18/F, S.205-18/R, S.205-20/F, S.205-20/R, S.205-22/R, S.208, and S.208A
Aeronautica Macchi S.p.A./Aerfer-Industrie Aerospaziali Meridionali S.p.A.	AM-3
Aerostar Aircraft Corporation	PA-60-600 (Aerostar 600), PA-60-601 (Aerostar 601), PA-60-601P (Aerostar 601P), and PA-60-602P (Aerostar 602P)
Air Tractor, Inc.	AT-401
Alexandria Aircraft, LLC	14-19, 14-19-2, 14-19-3, 14-19-3A, 17-30, 17-30A, 17-31, 17-31A, 17-31ATC, and 17-31TC
Alpha Aviation Concept Limited	R2160
American Champion Aircraft Corp.	402, 7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7KCAB, 8GCBC, and 8KCAB
Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200, S-1S, S-1T, S-2, S-2A, S-2B, S-2C, and S-2S
Bellanca Aircraft Corporation	14-13, 14-13-2, 14-13-3, and 14-13-3W
B-N Group Ltd.	BN-2 and BN-2A
CEAPR (type certificate previously held by APEX Aircraft)	R3000/160
Cirrus Design Corporation	SR20, SR22, and SR22T
Commander Aircraft Corporation	112, 112B, 112TC, 112TCA, 114, 114A, 114B, and 114TC
Cougar Aircraft Corporation	GA-7
Cub Crafters, Inc.	CC19-180
De Havilland Support Limited	B.121 Series 1, B.121 Series 2, and B.121 Series 3
Diamond Aircraft Industries Inc.	DA20-A1, DA20-C1, DA 40, DA 40 F, and DA 40 NG
Discovery Aviation, Inc.	XL-2

Dynac Aerospace Corporation	Aero Commander Model 100, Aero Commander Model 100-180, Aero Commander Model 100A, Volaire Model 10, and Volaire Model 10A
EADS-PZL Warszawa-Okęcie S.A.	PZL-104M Wilga 2000, PZL-104MA Wilga 2000, PZL-KOLIBER 150A, and PZL-KOLIBER 160A
Extra Flugzeugproduktions- und Vertriebs-GmbH	EA-300, EA-300/200, EA-300/L, EA 300/LC, and EA-300/S
FLS Aerospace (Lovaux) Ltd.	OA7 Optica Series 300
Found Brothers Aviation Limited	FBA Centennial 100
Frakes Aviation	G-44 (Army OA-14, Navy J4F-2) (including SCAN Type 30) and G-44A
FS 2003 Corporation	PA-12 and PA-12S
Fuji Heavy Industries, Ltd.	FA-200-160, FA-200-180, and FA-200-180AO
GA8 Airvan (Pty) Ltd.	GA8 and GA8-TC 320
Gomolzig Flugzeug- und Maschinenbau GmbH	AS 202/15 BRAVO, AS 202/18A BRAVO, and AS 202/18A4 BRAVO
GROB Aircraft SE	G 115, G 115A, G 115B, G 115C, G 115C2, G 115D, and G 115D2
Helio Aircraft Corporation	15A and 20
Helio Alaska, Inc.	H-250, H-295 (USAF U10D), H-391 (USAF YL-24), H-391B, H-395 (USAF L-28A or U-10B), H-395A, H-700, and HT-295
Interceptor Aircraft Inc.	200, 200A, 200B, 200C, 200D, and 400
The King's Engineering Fellowship	44 Angel, 4500-300, and 4500-300 Series II
Legend Aviation & Marine, LLC	UC-1
Luscombe Aircraft Corporation	8, 8A, 8B, 8C, 8D, 8E, 8F, and T-8F
Maule Aerospace Technology, Inc.	Bee Dee M-4, M-4, M-4-180C, M-4-180S, M-4-180T, M-4-180V, M-4-210, M-4-210C, M-4-210S, M-4-210T, M-4-220, M-4-220C, M-4-220S, M-4-220T, M-4C, M-4S, M-4T, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-235C, M-6-180, M-6-235, M-7-235, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-

	7-420A, M-7-420AC, M-8-235, M-9-235, MT-7-235, MT-7-260, MT-7-420, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180AC, MX-7-180B, MX-7-180C, MX-7-235, MX-7-420, MXT-7-160, MXT-7-180, and MXT-7-180A
Micco Aircraft Company, Inc.	MAC-125C, MAC-145, MAC-145A, and MAC-145B
Mooney Aircraft Corporation	M22
Mooney International Corporation	M20, M20A, M20B, M20C, M20D, M20E, M20F, M20G, M20J, M20K, M20L, M20M, M20R, M20S, and M20TN
Nardi S.A.	FN-333
Pacific Aerospace Ltd.	FBA-2C, FBA-2C1, FBA-2C2, and FBA-2C3
Piaggio & C.	P.136-L and P.136-L1
Pilatus Aircraft Limited	PC-6, PC-6/350, PC-6/350-H1, PC-6/350-H2, PC-6-H1, and PC-6-H2
Piper Aircraft, Inc.	PA-16, PA-16S, PA-18, PA-18-105 (Special), PA-18-125 (Army L-21A), PA-18-135, PA-18-150, PA-18A, PA-18A-135, PA-18A-150, PA-18AS-125, PA-18AS-135, PA-18AS-150, PA-18S, PA-18S-105 (Special), PA-18S-125, PA-18S-135, PA-18S-150, PA-19 (Army L-18C), PA-19S, PA-20, PA-20-115, PA-20-135, PA-20S, PA-20S-115, PA-20S-135, PA-22, PA-22-108, PA-22-135, PA-22-150, PA-22-160, PA-22S-135, PA-22S-150, PA-22S-160, PA-23, PA-23-160, PA-23-235, PA-23-250, PA-23-250 (Navy UO-1), PA-24, PA-24-250, PA-24-260, PA-24-400, PA-28-140, PA-28-150, PA-28-151, PA-28-160, PA-28-161, PA-28-180, PA-28-181, PA-28-201T, PA-28-235, PA-28-236, PA-28R-180, PA-28R-200, PA-28R-201, PA-28R-201T, PA-28RT-201, PA-28RT-201T, PA-28S-160, PA-28S-180, PA-30, PA-31-300, PA-32-260, PA-32-300, PA-32-301, PA-32-301FT, PA-32-301T, PA-32-301XTC, PA-32R-300, PA-32R-301 (HP), PA-32R-301 (SP), PA-32R-301T, PA-32RT-300, PA-32RT-300T, PA-32S-300, PA-34-200,

	PA-34-200T, PA-34-220T, PA-38-112, PA-39, PA-40, PA-44-180, PA-44-180T, PA-46-310P, PA-46-350P, PA-46R-350T, and PA-E23-250
Polskie Zaklady Lotnicze Spolka zo.o	PZL M26 01
Revo, Incorporated	Colonial Model C-1, Colonial Model C-2, Lake Model 250, Lake Model LA-4, and Lake Model LA-4-200
Robert E. Rust, Jr.	DHC-1 Chipmunk Mk 21, DHC-1 Chipmunk Mk 22, and DHC-1 Chipmunk Mk 22A
RUAG Aerospace Services GmbH	Do 27 Q-6, Do 28 A-1, and Do 28 B-1
Sierra Hotel Aero, Inc.	Navion (Army L-17A), Navion A (Army L-17B and L-17C), Navion B, Navion D, Navion E, Navion F, Navion G, and Navion H
Sky Enterprises, Inc.	RC-3
Slingsby Aviation Ltd.	T67M260
SOCATA (type certificate currently held by Daher)	MS 880B, MS 885, MS 892A-150, MS 892E-150, MS 893A, MS 893E, MS 894A, MS 894E, Rallye 100S, Rallye 150 ST, Rallye 150 T, Rallye 235C, Rallye 235 E, TB9, TB 10, TB 20, TB 21, and TB 200
Spartan Aircraft Company	7W (Army UC-71)
Swift Museum Foundation, Inc.	GC-1A and GC-1B
Symphony Aircraft Industries Inc.	OMF-100-160 and SA 160
Textron Aviation Inc.	19A, 23, 35, 36, 50, 58, 76, 77, 95, 120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172RG, 172S, 175, 175A, 175B, 175C, 177, 177A, 177B, 177RG, 180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K, 182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 182S, 182T, 185, 185A, 185B, 185C, 185D, 185E, 190, 195,

	195A, 195B, 206, 206H, 207, 207A, 210, 210-5 (205), 210-5A (205A), 210A, 210B, 210C, 210D, 210E, 210F, 210G, 210H, 210J, 210K, 210L, 210M, 210N, 210R, 310, 310A, 310B, 310C, 310D, 310E, 310F, 310G, 310H, 310I, 310J, 310J-1, 310K, 310L, 310N, 310P, 310Q, 310R, 320, 320-1, 320A, 320B, 320C, 320D, 320E, 320F, 335, 336, 337, 337A, 337B, 337C, 337D, 337E, 337F, 337G, 337H, 340, 340A, 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, 35R, 45 (Military YT-34), 56TC, 58A, 58PA, 58TCA, 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B, 95-C55, 95-C55A, A150K, A150L, A150M, A152, A185E, A185F, A23, A23-19, A23-24, A23A, A24, A24R, A35, A36, A36TC, A45 (Military T-34A, B-45), A56TC, B19, B23, B24R, B35, B36TC, B50, B95, B95A, C23, C24R, C35, C50, D17S, D35, D45 (Military T-34B), D50E-5990, D55, D55A, D95A, E310H, E310J, E33, E33A, E33C, E35, E55, E55A, E95, F150F, F150G, F150H, F150J, F150K, F150L, F150M, F152, F172D, F172E, F172F, F172G, F172H, F172K, F172L, F172M, F172N, F172P, F177RG, F182P, F182Q, F33, F33A, F33C, F337E, F337F, F337G, F337H, F35, FA150K, FA150L, FA150M, FA152, FP172D, FR172E, FR172F, FR172G, FR172H, FR172J, FR172K, FR182, FRA150L, FRA150M, FT337E, FT337F, FT337GP, FT337HP, G33, G35, G36, G58, H35, J35, K35, LC40-550FG, LC41-550FG, LC42-550FG, M19A, M337B, M35, N35, P172D, P206, P206A, P206B, P206C, P206D, P206E, P210N, P210R, P337H, P35, R172E, R172F, R172G, R172H, R172J, R172K, R182, S35, SD17S, T182, T182T, T206H, T207, T207A, T210F, T210G, T210H, T210J, T210K, T210L, T210M, T210N, T210R, T240, T303, T310P, T310Q, T310R, T337B, T337C, T337D, T337E, T337F, T337G, T337H, T337H-SP, TP206A, TP206B, TP206C, TP206D, TP206E, TR182, TU206A, TU206B,

	TU206C, TU206D, TU206E, TU206F, TU206G, U206, U206A, U206B, U206C, U206D, U206E, U206F, U206G, V35, V35A, and V35B
Topcub Aircraft, Inc.	CC18-180 and CC18-180A
True Flight Holdings LLC	AA-1, AA-1A, AA-1B, AA-1C, AA-5, AA-5A, AA-5B, and AG-5B
Twin Commander Aircraft LLC	500, 500-A, 520, 560, and 560-A
Univair Aircraft Corporation	108, 108-1, 108-2, 108-3, 108-5, 415-C, 415-CD, 415-D, A-2, A2-A, E, F-1, F-1A, G, and M10
Viking Air Limited	DHC-2 Mk.I, DHC-2 Mk.II, DHC-2 Mk.III, and TR-1
Vulcanair S.p.A.	P.68, P.68 "Observer," P.68B, P.68C, P.68C-TC, P.68R, P.68 Observer 2, P.68TC Observer, and Vulcanair V1.0
WACO Classic Aircraft Corporation	2T-1A, 2T-1A-1, and 2T-1A-2
WSK PZL Mielec and OBR SK Mielec	PZL M20 03
W.Z.D. Enterprises Inc	11A and 11E
Zenair Ltd.	CH2000
Zlin Aircraft a.s.	Z-143L, Z-242L, and Zlin 526L

(d) Subject

Joint Aircraft System Component (JASC) Code 2841, Fuel Quantity Indicator.

(e) Unsafe Condition

This AD was prompted by reports of fuel quantity disparities between the amount of fuel indicated and the actual amount of fuel. The FAA is issuing this AD to ensure that the amount of fuel indicated is the amount of fuel available. The unsafe condition, if not addressed, could result in fuel starvation and engine shutdown which could result in the inability to arrive at the destination airport or a suitable alternative airport.

(f) Compliance

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

(g) Action

Within 100 hours time-in-service after the effective date of this AD or within 12 months after the effective date of this AD, whichever occurs first, modify the fuel probe interface by following the Modification Instructions in Garmin Mandatory STC Service Bulletin 2134, Revision A, or Garmin Mandatory STC Service Bulletin 2135, Revision A, both dated April 23, 2021, whichever is applicable.

(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. 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 (i) of this AD.

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

(i) Related Information

For more information about this AD, contact Kevin Marks, Aviation Safety Engineer, Wichita ACO Branch, FAA, 1801 Airport Road, Wichita, KS 67209; phone: (316) 946-4153; email: kevin.marks@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) Garmin Mandatory STC Service Bulletin 2134, Revision A, dated April 23, 2021.

(ii) Garmin Mandatory STC Service Bulletin 2135, Revision A, dated April 23, 2021.

(3) For service information identified in this AD, contact Garmin International, Garmin Aviation Support, 1200 E 151st Street, Olathe, KS 66062; phone: (866) 739-5687; email: avionics@garmin.com; website: https://fly.garmin.com/fly-garmin/support/.

(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: https://www.archives.gov/federal-register/cfr/ibr-locations.html.

Issued on January 25, 2022.

Lance T. Gant,

Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2022-03000 Filed 2-11-22; 8:45 am]

2022-03-17 Airbus Helicopters: Amendment 39-21934; Docket No. FAA-2021-1018; Project Identifier MCAI-2021-00902-R.

(a) Effective Date

This airworthiness directive (AD) is effective March 22, 2022.

(b) Affected ADs

None.

(c) Applicability

This AD applies to all Airbus Helicopters Model AS332L2 and EC225LP helicopters, certificated in any category.

(d) Subject

Joint Aircraft Service Component (JASC) Code: 6400, Tail Rotor System.

(e) Unsafe Condition

This AD was prompted by a report of loss of tightening torque on the nut that attaches the tail gear box (TGB) bevel wheel. The FAA is issuing this AD to address loss of tightening torque on the nut that attaches the TGB bevel wheel, which, if not corrected, could lead to structural failure of the TGB drive, resulting in reduced, or loss of, control of the helicopter.

(f) Compliance

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

(g) Requirements

Except as specified in paragraph (h) of this AD: Comply with all required actions and compliance times specified in, and in accordance with, European Union Aviation Safety Agency (EASA) AD 2021-0184R2, dated January 12, 2022 (EASA AD 2021-0184R2).

(h) Exceptions to EASA AD 2021-0184R2

(1) Where EASA AD 2021-0184R2 requires compliance in terms of flight hours, this AD requires using hours time-in-service.

(2) Where EASA AD 2021-0184R2 refers to August 19, 2021 (the effective date of EASA AD 2021-0184, dated August 5, 2021), this AD requires using the effective date of this AD.

(3) Where the service information referenced in EASA AD 2021-0184R2 specifies sending parts to the manufacturer or an approved repair station to be examined, this AD does not include that requirement.

(4) This AD does not mandate compliance with the "Remarks" section of EASA AD 2021-0184R2.

(i) No Reporting Requirement

Although the service information referenced in EASA AD 2021-0184R2 specifies to submit certain information to the manufacturer, this AD does not include that requirement.

(j) Special Flight Permit

Special flight permits may be permitted provided that there are no passengers on board.

(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 Andrea Jimenez, Aerospace Engineer, COS Program Management Section, Operational Safety Branch, Compliance & Airworthiness Division, FAA, 1600 Stewart Ave., Suite 410, Westbury, NY 11590; telephone (516) 228-7330; email andrea.jimenez@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 2021-0184R2, dated January 12, 2022.

(ii) [Reserved]

(3) For EASA AD 2021-0184R2, contact 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 the EASA material 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 at https://www.regulations.gov by searching for and locating Docket No. FAA-2021-1018.

(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: https://www.archives.gov/federal-register/cfr/ibr-locations.html.

Issued on January 26, 2022.
Lance T. Gant,
Director, Compliance & Airworthiness Division, Aircraft Certification Service.
[FR Doc. 2022-03137 Filed 2-14-22; 8:45 am]

2022-03-18 British Aerospace (Operations) Limited and British Aerospace Regional Aircraft: Amendment 39-21935; Docket No. FAA-2021-0961; Project Identifier MCAI-2021-00924-A.

(a) Effective Date

This airworthiness directive (AD) is effective March 21, 2022.

(b) Affected ADs

None.

(c) Applicability

This AD applies to British Aerospace (Operations) Limited and British Aerospace Regional Aircraft Model Jetstream Series 200, Jetstream Model 3101, and Jetstream Model 3201 airplanes, serial numbers 1 through 927 and 929 through 936 inclusive, certificated in any category.

(d) Subject

Joint Aircraft System Component (JASC) Code 2770, Gust Lock/Damper System.

(e) Unsafe Condition

This AD was prompted by mandatory continuing airworthiness information (MCAI) originated by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as a bent control rod within the gust lock system, which may enable both power levers to be pushed into the flight range with the gust lock lever fully engaged. The FAA is issuing this AD to detect and correct bent push rod assemblies of the power lever baulk system. The unsafe condition, if not addressed, could result in loss of airplane control.

(f) Compliance

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

(g) Action

Within 2 years after the effective date of this AD, replace push rod assembly part number (P/N) 137201E419 with push rod assembly P/N 137201E429 by following the Accomplishment Instructions, sections 2.A. through 2.C. in Jetstream Series 3100/3200 Service Bulletin 27-JM 5350, Revision 1, dated May 6, 1994.

(h) 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 (i)(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.

(i) Related Information

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

(2) Refer to Civil Aviation Authority (CAA) AD G-2021-0005, dated August 3, 2021, for more information. You may examine the CAA AD at https://www.regulations.gov by searching for and locating Docket No. FAA-2021-0961.

(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) Jetstream Series 3100/3200 Service Bulletin 27-JM 5350, Revision 1, dated May 6, 1994.

(ii) [Reserved]

(3) For service information identified in this AD, contact BAE Systems (Operations) Ltd., Customer Information Department, Prestwick International Airport, Ayrshire, KA9 2RW, Scotland, United Kingdom; phone: +44 3300 488727; fax: +44 1292 675704; email: RApublications@baesystems.com; website: https://www.baesystems.com/Businesses/RegionalAircraft/.

(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: https://www.archives.gov/federal-register/cfr/ibr-locations.html.

Issued on January 26, 2022.

Lance T. Gant,

Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2022-03030 Filed 2-11-22; 8:45 am]

2022-04-01 DG Flugzeugbau GmbH and Schempp-Hirth Flugzeugbau GmbH Gliders: Amendment 39-21942; Docket No. FAA-2021-1015; Project Identifier 2019-CE-014-AD.

(a) Effective Date

This airworthiness directive (AD) is effective March 29, 2022.

(b) Affected ADs

None.

(c) Applicability

This AD applies to DG Flugzeugbau GmbH Model DG-1000T gliders and Schempp-Hirth Flugzeugbau GmbH Model Duo Discus T gliders, certificated in any category, with a Solo Kleinmotoren GmbH Solo Model 2350C or 2350D engine, all serial numbers, installed.

(d) Subject

Joint Aircraft System Component (JASC) Code 7200, Engine (Turbine/Turboprop).

(e) Unsafe Condition

This AD was prompted by mandatory continuing airworthiness information (MCAI) issued by the aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as failure of the bearing of the upper pulley of the belt driven reduction gear. The FAA is issuing this AD to prevent separation of the propeller from the engine. The unsafe condition, if not addressed, could result in loss of control of the glider.

(f) Compliance

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

(g) Actions and Compliance

(1) Within 12 months after the effective date of this AD, remove the nut installed at the excentric axle from service and replace it with a nut in accordance with the Condition section, paragraph a), of Solo Kleinmotoren GmbH Service Bulletin 4603-18, dated January 22, 2019.

(2) Before either ball bearing assembly at the bearing block of the reduction gear accumulates 15 years since first installation on an engine or within 12 months after the effective date of this AD, whichever occurs later, and thereafter at intervals not to exceed 15 years, remove both ball bearing assemblies from service and replace with new (zero hours time-in-service) ball bearing assemblies in accordance with the Condition section, paragraph b), of Solo Kleinmotoren GmbH Service Bulletin 4603-18, dated January 22, 2019.

(3) After replacing the ball bearing assemblies required by paragraph (g)(2) of this AD, record compliance in the aircraft log book. The entry must include: (1) Reduction gear part number (P/N) and serial number; and (2) date ball bearing assemblies were replaced.

(4) As of the effective date of this AD, do not install a hex-nut P/N 0028143 on any engine.

(5) As of the effective date of this AD, do not install ball bearing assembly P/N 0050110 on any engine unless it is new (zero hours time-in-service).

(h) 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 (i)(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.

(i) Related Information

(1) 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.

(2) Refer to European Aviation Safety Agency (EASA) AD 2019-0029, dated February 8, 2019, for more information. You may examine the EASA AD in the AD docket at https://www.regulations.gov by searching for and locating Docket No. FAA-2021-1015.

(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) Solo Kleinmotoren GmbH Service Bulletin 4603-18, dated January 22, 2019.

Note 1 to paragraph (j)(2)(i): This service information contains German to English translation. EASA used the English translation in referencing the document from Solo Kleinmotoren GmbH. For enforceability purposes, the FAA will cite the service information in English as it appears on the document.

(ii) [Reserved]

(3) For service information identified in this AD, contact Solo Kleinmotoren GmbH, Postfach 600152, D71050 Sindelfingen, Germany; phone: +49 703 1301-0; fax: +49 703 1301-136; email: aircraft@solo-germany.com; website: http://aircraft.solo-online.com.

(4) You may view this service information at 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: https://www.archives.gov/federal-register/cfr/ibr-locations.html.

Issued on February 1, 2022.

Lance T. Gant,

Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2022-03591 Filed 2-18-22; 8:45 am]

2022-04-04 Continental Aerospace Technologies, Inc. and Continental Motors: Amendment 39-21945; Docket No. FAA-2021-0875; Project Identifier AD-2021-00675-E.

(a) Effective Date

This airworthiness directive (AD) is effective March 29, 2022.

(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 an F&M Enterprises, Inc. (F&M) or Stratus Tool Technologies, LLC (Stratus) oil filter adapter installed per Supplemental Type Certificate SE8409SW, SE09356SC, or SE10348SC.

(1) Continental Aerospace Technologies, Inc. (Type Certificate previously held by Continental Motors, Inc., and Teledyne 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 model reciprocating engines; and

(2) Continental Motors (Type Certificate previously held by Teledyne Continental Motors) IO-520-A, IO-520-B, IO-520-BA, IO-520-BB, IO-520-C, IO-520-D, IO-520-J, and IO-520-L model reciprocating engines.

(d) Subject

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

(e) Unsafe Condition

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

(f) Compliance

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

(g) Required Actions

Before accumulating 50 flight hours after the effective date of this AD or at the next scheduled oil change after the effective date of this AD, whichever occurs first, remove any F&M or Stratus oil filter adapter fiber gasket from service and replace it with a Stratus AN900-28 or AN900-29 oil filter adapter copper gasket in accordance with the Compliance Instructions, paragraph 6., pages 7 through 10 (including all detailed instructions for Figure 5 through Figure 16), of Stratus Tool Technologies Mandatory Service Bulletin SB-001 Rev B, dated June 17, 2021.

(h) Installation Prohibition

After the effective date of this AD, do not install or reuse an F&M or Stratus oil filter adapter fiber gasket in any F&M or Stratus Tool Technologies oil filter adapter.

(i) Special Flight Permit

A special flight permit may be issued in accordance with 14 CFR 21.197 and 21.199 to permit a one-time non-revenue ferry flight to operate the airplane to a location where the maintenance action can be performed.

(j) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Atlanta 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 (k) of this AD.

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

(k) Related Information

For more information about this AD, contact George Hanlin, Aviation Safety Engineer, Atlanta ACO, FAA, 1701 Columbia Avenue, College Park, GA 30337; phone: (404) 474-5584; fax: (404) 474-5605; email: george.hanlin@faa.gov.

(l) 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) Stratus Tool Technologies Mandatory Service Bulletin SB-001 Rev B, dated June 17, 2021.

(ii) [Reserved]

(3) For Stratus Tool Technologies, LLC service information identified in this AD, contact Stratus Tool Technologies, LLC, 2208 Air Park Drive, Burlington, NC 27215; phone: (800) 822-3200; website: https://www.tempestplus.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 (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: https://www.archives.gov/federal-register/cfr/ibr-locations.html.

Issued on February 4, 2022.
Lance T. Gant,
Director, Compliance & Airworthiness Division, Aircraft Certification Service.
[FR Doc. 2022-03640 Filed 2-18-22; 8:45 am]

2022-05-01 Learjet, Inc.: Amendment 39-21952; Docket No. FAA-2022-0144; Project Identifier AD-2022-00042-T.

(a) Effective Date

This airworthiness directive (AD) is effective March 9, 2022.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Learjet, Inc., Model 35, 35A (C-21A), 36, 36A, 55, 55B, 55C, and 60 airplanes, certificated in any category, with any spoiler assembly that meets any of the criteria identified in paragraph (c)(1) or (2) of this AD.

(1) The spoiler assembly's life limit was extended by Restored Aircraft Sales and Service, LLC.

(2) The maintenance records related to the life limit for the spoiler assembly are missing or incomplete.

(d) Subject

Air Transport Association (ATA) of America Code 5755, Spoilers.

(e) Unsafe Condition

This AD was prompted by a report indicating that a repair station performed a life extension program on spoiler assemblies that had reached or were close to reaching their life limit. The FAA is issuing this AD to prevent use of a spoiler assembly beyond its FAA-approved life limit, which could lead to undetected cracking and consequent failure or separation of the spoiler assembly, resulting in a reduction or complete loss of control of the airplane.

(f) Compliance

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

(g) Spoiler Assembly Removal

For each spoiler assembly identified in paragraph (c) of this AD: Remove the spoiler assembly from service before further flight.

(h) Parts Installation Prohibition

As of the effective date of this AD, no person may install, on any airplane, a spoiler assembly identified in paragraph (c) of this AD.

(i) Special Flight Permit

Special flight permits, as described in 14 CFR 21.197 and 21.199, may be issued to operate the airplane to a location where the requirements of this AD can be accomplished, but concurrence by the Manager, Wichita ACO Branch, FAA, is required before issuance of the special flight permit.

(j) 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. In accordance with 14 CFR 39.19, send your request to your principal inspector or responsible Flight Standards 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 (k) of this AD.

(2) Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the responsible Flight Standards Office.

(k) Related Information

For more information about this AD, contact Tara Shawn, Aerospace Engineer, Airframe and Services Section, FAA, Wichita ACO Branch, 1801 Airport Road, Room 100, Wichita, KS 67209; phone: 316-946-4141; email: Tara.Shawn@faa.gov.

(l) Material Incorporated by Reference

None.

Issued on February 16, 2022.
Lance T. Gant,
Director, Compliance & Airworthiness Division, Aircraft Certification Service.
[FR Doc. 2022-03805 Filed 2-17-22; 11:15 am]

2022-05-02 Airbus Helicopters (Type Certificate Previously Held by Eurocopter France): Amendment 39-21953; Docket No. FAA-2021-1166; Project Identifier MCAI-2021-00952-R.

(a) Effective Date

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

(b) Affected ADs

This AD replaces AD 2021-11-25, Amendment 39-21587 (86 FR 33097, June 24, 2021) (AD 2021-11-25).

(c) Applicability

This AD applies to Airbus Helicopters (type certificate previously held by Eurocopter France) Model AS350B3 and EC130T2 helicopters, certificated in any category, with an ARRIEL 2D engine and with THALES full authority digital engine control (FADEC) part number (P/N) C13165DA00 without amendment A, P/N C13165DA00PC00 without amendment A, or P/N C13165FA00 without amendment B, that has a serial number below 1736, installed.

Note 1 to paragraph (c): Helicopters with a Model AS350B3e designation are Model AS350B3 helicopters.

(d) Subject

Joint Aircraft Service Component (JASC) Code: 7321, Engine Fuel Control/Turbine Engines.

(e) Unsafe Condition

This AD was prompted by a report of failure of an engine digital electronic control unit. The FAA is issuing this AD to prevent incorrect indicator illumination, display failure, and loss of fuel flow regulation (frozen fuel metering unit). The unsafe condition, if not addressed, could result in misleading information to the pilot, rotor overspeed or unavailability of engine power, and subsequent loss of control of the helicopter.

(f) Compliance

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

(g) Retained Revision to the Existing Rotorcraft Flight Manual (RFM) for Your Helicopter and Optional Terminating Action for Certain Helicopters With New Optional Terminating Action

For helicopters with FADEC P/N C13165DA00 without amendment A or P/N C13165FA00 without amendment B installed:

(1) Within 25 hours time-in-service after July 29, 2021 (the effective date of AD 2021-11-25), revise the Emergency Procedures of the existing RFM for your helicopter by inserting Appendix 4. of Airbus Helicopters Alert Service Bulletin (ASB) No. AS350-01.00.67 or ASB No. EC130-04A004, each Revision 2 and dated February 17, 2014 (ASB AS350-01.00.67 or ASB EC130-04A004), as applicable to your helicopter model. Inserting a different document with information identical to that in Appendix 4. of ASB AS350-01.00.67 or ASB EC130-04A004, as applicable to your helicopter model, is acceptable for compliance with the requirement of this paragraph.

(2) As an optional terminating action for the requirement of paragraph (g)(1) of this AD, install amendment A on FADEC P/N C13165DA00 or amendment B on FADEC P/N C13165FA00.

(3) As an optional terminating action for the requirement of paragraph (g)(1) of this AD, install a FADEC unit having P/N C13165DA00 with amendment A, P/N C13165DA00PC00 with amendment A, or ;P/N C13165FA00 with amendment B; or install a FADEC unit other than a FADEC unit having P/N C13165DA00, P/N C13165DA00PC00, or P/N C13165FA00, that has a serial number below 1736.

(h) New Requirement: Revision to the Existing RFM for Your Helicopter and Optional Terminating Action for Certain Other Helicopters

For helicopters that have FADEC P/N C13165DA00PC00 without amendment A installed:

(1) Within 25 hours time-in-service after the effective date of this AD, revise the existing RFM for your helicopter by inserting Appendix 4. of ASB AS350-01.00.67 or ASB EC130-04A004, as applicable to your helicopter model. Inserting a different document with information identical to that in Appendix 4. of ASB AS350-01.00.67 or ASB EC130-04A004, as applicable to your helicopter model, is acceptable for compliance with the requirement of this paragraph.

(2) As an optional terminating action for the requirement of paragraph (h)(1) of this AD, install amendment A on FADEC P/N C13165DA00PC00.

(3) As an optional terminating action for the requirement of paragraph (h)(1) of this AD, install a FADEC unit having P/N C13165DA00 with amendment A, P/N C13165DA00PC00 with amendment A, or ;P/N C13165FA00 with amendment B; or install a FADEC unit other than a FADEC unit having P/N C13165DA00, P/N C13165DA00PC00, or P/N C13165FA00, that has a serial number below 1736.

(i) New Requirement: Removal of Temporary Revision From the Existing RFM for Your Helicopter

(1) For helicopters that accomplish the optional terminating action specified in paragraph (g)(2) or (3) of this AD: Concurrently with the installation, before further flight, remove the temporary revision to the existing RFM for your helicopter that was inserted in accordance with the requirement of paragraph (g)(1) of this AD.

(2) For helicopters that accomplish the optional terminating action specified in paragraph (h)(2) or (3) of this AD: Concurrently with the installation, before further flight, remove the temporary revision to the existing RFM for your helicopter that was inserted in accordance with the requirement of paragraph (h)(1) of this AD.

(j) Parts Installation Prohibition

As of the effective date of this AD, no person may install on any helicopter a FADEC identified in paragraph (c) of this AD (affected FADEC part).

Note 2 to paragraph (j): Removal of an affected FADEC part from a helicopter and reinstallation of that same affected FADEC part on the same helicopter during the same maintenance visit is not considered “install” as specified in paragraph (j) of this AD.

(k) Special Flight Permits

Special flight permits may be issued to operate the helicopter to a location where the actions specified in this AD can be performed, provided no passengers are onboard.

(l) 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 (m)(1) 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.

(m) Related Information

(1) For more information about this AD, contact Andrea Jimenez, Aerospace Engineer, COS Program Management Section, Operational Safety Branch, Compliance & Airworthiness Division, FAA, 1600 Stewart Ave., Suite 410, Westbury, NY 11590; telephone (516) 228-7330; email andrea.jimenez@faa.gov.

(2) The subject of this AD is addressed in European Union Aviation Safety Agency (EASA) AD 2021-0195, dated August 20, 2021. You may view the EASA AD on the internet at https://www.regulations.gov in Docket No. FAA-2021-1166.

(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.

(3) The following service information was approved for IBR on July 29, 2021 (86 FR 33097, June 24, 2021).

(i) Airbus Helicopters Alert Service Bulletin No. AS350-01.00.67, Revision 2, dated February 17, 2014.

(ii) Airbus Helicopters Alert Service Bulletin No. EC130-04A004, Revision 2, dated February 17, 2014.

(4) For Airbus Helicopters 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.

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

(6) You may view this 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: https://www.archives.gov/federal-register/cfr/ibr-locations.html.

Issued on February 16, 2022.
Lance T. Gant,
Director, Compliance & Airworthiness Division, Aircraft Certification Service.
[FR Doc. 2022-03761 Filed 2-22-22; 8:45 am]