

Avis d'émission d'une Directive de Navigabilité (AD)* par

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l'EASA, European Aviation Safety Agency

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l'autorité primaire d'un matériel étranger

Les examens ou modifications décrits ou rappelés ci-dessous sont impératifs. La non application des exigences contenues dans la Directive de Navigabilité citée ci-dessous entraîne l'incapacité au vol de l'aéronef concerné.

(Envoi 05/2022 du 02 mars 2022)

Directive de Navigabilité de la FAA de référence 2022-03-15

GARMIN INTERNATIONAL INC.

Avions (voir Paragraphe c)

Carburant - Interface de la sonde de carburant résistive - Modification

Nota pour les exploitants et organismes d'entretien d'aéronefs inscrits au registre français :

Si l'AD jointe invite à un contact vers l'autorité primaire de l'AD, contacter le bureau concerné du département certification-produits de l'EASA.

Si pour l'exécution d'une tâche donnée, l'AD jointe se réfère à une qualification de personnel répondant à une réglementation nationale, il est possible de faire intervenir, pour cette tâche, du personnel de qualification équivalente acceptée dans l'Union Européenne.

Si l'AD jointe se réfère à une donnée de navigabilité ou une instruction pour le maintien de la navigabilité (Manuel de Vol, Manuel de Maintenance, ...) qui n'est pas celle approuvée ou pas celle en vigueur en France ou si l'AD jointe présente une difficulté d'application liée à sa spécificité nationale, exposer le problème auprès de la direction des méthodes d'OSAC (par courriel à "contact@osac.aero" ou par fax au 01 46 42 65 39) ou auprès du bureau concerné du département certification-produits de l'EASA.

* Cette AD est exigible au titre du règlement Européen 748/2012.



FAA
Aviation Safety

AIRWORTHINESS DIRECTIVE

www.faa.gov/aircraft/safety/alerts/
www.gpoaccess.gov/fr/advanced.html

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-Okecie 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 Zakłady 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]

TRADUCTION DE COURTOISIE

de la DIRECTIVE de NAVIGABILITE de la FAA de référence 2022-03-15

GARMIN INTERNATIONAL INC.

Avions (voir Paragraphe c)

(a) Date d'entrée en vigueur

21 mars 2022.

(b) ADs Affectées

Aucune.

(c) Applicabilité

Cette CN s'applique aux avions énumérés dans le tableau 1 du paragraphe (c), tous numéros de série, certifiés dans n'importe quelle catégorie:

(1) Modifié avec un système d'instruments de vol électroniques Garmin G3X Touch en vertu du certificat de type supplémentaire (STC) n° SA01899WI, installé conformément au document n° 005-01320-00 de la liste de plans principaux (MDL), révision 9 ou antérieure, interfacé avec un adaptateur de moteur Garmin GEA 24 relié à des sondes de carburant résistives; ou

(2) Modifié avec un écran multifonctions Garmin GI 275 sous le STC n° SA02658SE, installé conformément à la MDL révision 9 ou antérieure, interfacé avec un adaptateur moteur Garmin GEA 24 connecté à des sondes de carburant résistives.

Note 1 au paragraphe (c): Le bulletin de service STC obligatoire de Garmin n° 2134, révision A, et le bulletin de service STC obligatoire de Garmin n° 2135, révision A, tous deux datés du 23 avril 2021, contiennent des informations sur la manière de déterminer si votre avion possède une interface de sonde résistive.

Tableau 1 au paragraphe (c)- avions concernés

Détenteur du certificat de type	Modèle d'avion
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.208, et S.208A
Aeronautica Macchi S.p.A./Aerfer-Industrie Aeropaziali Meridionali S.p.A.	AM-3
Aerostar Aircraft Corporation	PA-60-600 (Aerostar 600), PA-60-601 (Aerostar 601), PA-60-601P (Aerostar 601P), et PA-60-602P (Aerostar 602P)
Air Tractor, Inc.	AT-401
Alex, etandria Aircraft, LLC	14-19, 14-19-2, 14-19-3, 14-19-3A, 17-30, 17-30A, 17-31, 17-31A, 17-31ATC, et 17-31TC
Alpha Aviation Concept Limited	R2160
American Champion Aircraft Corp.	402, 7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCB, 7GCBC, 7KCAB, 8GCBC, et 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, et S-2S
Bellanca Aircraft Corporation	14-13, 14-13-2, 14-13-3, et 14-13-3W
B-N Group Ltd.	BN-2 et BN-2A
CEAPR (certificat de type précédemment détenu par APEX Aircraft)	R3000/160
Cirrus Design Corporation	SR20, SR22, et SR22T
Commander Aircraft Corporation	112, 112B, 112TC, 112TCA, 114, 114A, 114B, et 114TC
Cougar Aircraft Corporation	GA-7
Cub Crafters, Inc.	CC19-180
De Havilland Support Limited	B.121Series 1, B.121 Series 2, et B.121 Series 3
Diamond Aircraft Industries Inc.	DA20-A1, DA20-C1, DA 40, DA 40 F, et 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, et Volaire Model 10A
EADS-PZL Warszawa-Okecie S.A.	PZL-104M Wilga 2000, PZL-104MA Wilga 2000, PZL-KOLIBER 150A, et PZL-KOLIBER 160A
Extra Flugzeugproduktions- und Vertriebs-GmbH	EA-300, EA-300/200, EA-300/L, EA-300/LC, et 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) (y compris SCAN Type 30) et G-44A
FS 2003 Corporation	PA-12, et PA-12S
Fuji Heavy Industries, Ltd.	FA-200-160, FA-200-180, et FA-200-180AO
GA8 Airvan (Pty) Ltd.	GA8 et GA8-TC 230
Gomolzig Flugzeug- und Maschienbau GmbH	AS 202/15 BRAVO, AS 202/18A BRAVO, et AS 202/18A4 BRAVO
GROB Aircraft SE	G 115, G 115A, G 115B, G 115C, G 115C2, G 115D, et G 115D2
Helio Aircraft Corporation	15A et 20
Helio Alaska, Inc.	H-250, H-295 (USAF U10D), H-391 (USAF YL-24), H-391B, H-395 (USAF L-28A ou U-10), H-395A, H-700, et HT-295
Interceptor Aircraft Inc.	200, 200A, 200B, 200C, 200D, et 400
The King's Engineering Fellowship	44 Angel, 4500-300, et 4500-300 Series II
Legend Aviation & Marine, LLC	UC-1
Luscombe Aircraft Corporation	8, 8A, 8B, 8C, 8D, 8E, 8F, et 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, et MXT-7-180A
Micco Aircraft Company, Inc.	MAC-125C, MAC-145, MAC-145A, et MAC-145B
Mooney Aircraft Corporation	M22
Mooney International Corporation	M20, M20A, M20B, M20C, M20D, M20E, M20F, M20G, M20J, M20K, M20L, M20M, M20R, M20S, et M20TN
Nardi S.A.	FN-333
Pacific Aeropsace Ltd.	FBA-2C, FBA-2C1, FBA-2C2, et FBA-2C3
Piaggio & C.	P.136-L et P.136L1
Pilatus Aircraft Limited	PC-6, PC-6/350, PC-6/350-H1, PC-6/350-H2, PC-6-H1, et 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-38-112, PA-39, PA-40, PA-44-180, PA-44-180T, PA-46-310P, PA-46-350P, PA-46R-350T, et 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, et Lake Model LA-4-200
Robert E. Rust, Jr.	DHC-1 Chipmunk Mk 21, DHC-1 Chipmunk Mk 22, et DHC-1 Chipmunk Mk 22A
RUAG Aerospace Services GmbH	Do 27 Q-6, Do 28 A-1, et Do 28 B-1
Sierra Hotel Aero, Inc.	Navion (Army L-17A), Navion A (Army L-17B et L-17C), Navion B, Navion D, Navion E, Navion F, Navion G, et Navion H
Sky Entreprises, Inc.	RC-3
Slingsby Aviation Ltd.	T67M260
SOCATA (certificat de type actuellement détenu par 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 235 C, Rallye 235 E, TB9, TB 10, TB 20, TB 21, et TB 200
Spartam Aircraft Company	7W (Army UC-71)
Swift Museum Fondation, Inc.	GC-1A et GC-1B
Symphony Aircraft Industries Inc.	OMF-100-160 et 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, 337G, 337H, 340, 340A, 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, 35R, 45 (Militaire 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 (Militaire T-34A, B-45), A56TC, B19, B23, B24R, B35, B36TC, B50, B95, B95A, C23, C24R, C35, C50, D17S, D35, D35 (Militaire 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, F3, 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, T210Hn T210J, T210K, T10L, T210M, T210N, T210R, T240, T303, T310P, 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, et V35B
Topcub Aircraft, Inc.	CC18-180 et CC18-180A

True Flight Holdings LLC	AA-1, AA-1A, AA-1B, AA-1C, AA-5, AA-5A, AA-5B, et AG-5B
Twin Commander Aircraft LLC	500, 500-A, 520, 560, et 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, et M10
Viking Air Limited	DHC-2 Mk.I, DHC-2 Mk.II, DHC-2 Mk.III, et 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, et Vulcanair V1.0
WACO Classic Aircraft Corporation	2T-1A, 2T-1A-1, et 2T-1A-2
WSK PZL Mielec et OBR SK Mielec	PZL M20 03
W.Z.D. Entreprises Inc	11A et 11E
Zenair Ltd.	CH2000
Zlin Aircraft a.s.	Z-143L, Z-242L, et Zlin 526L

(d) Sujet

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

(e) Condition Dangereuse

Cette CN a été émise par des rapports faisant état de disparités entre la quantité de carburant indiquée et la quantité réelle de carburant. La FAA publie cette CN pour s'assurer que la quantité de carburant indiquée correspond à la quantité de carburant disponible. La condition dangereuse, si elle n'est pas corrigée, pourrait entraîner une panne de carburant et l'arrêt du moteur, ce qui pourrait empêcher l'avion d'arriver à l'aéroport de destination ou à un autre aéroport adapté.

(f) Conformité

Appliquer les délais de conformité spécifiés par cette CN, à moins que ce soit déjà fait.

(g) Action

Dans les 100 heures fonctionnement après la date d'entrée en vigueur de cette CN ou dans les 12 mois après la date d'entrée en vigueur de cette CN, selon la première éventualité, modifier l'interface de la sonde de carburant en suivant les instructions de modification du bulletin de service obligatoire STC Garmin 2134, révision A, ou du bulletin de service obligatoire STC Garmin 2135, révision A, tous deux datés du 23 avril 2021, selon le cas.

(h) Méthodes Alternatives de Conformité (AMOCs)

[...]

(i) Informations connexes

[...]

(j) Document de référence

- (1) [...]
- (2) Vous devez utiliser ces informations de service, le cas échéant, pour effectuer les actions requises par cette CN, à moins que la CN n'en dispose autrement.
 - (i) Bulletin de service obligatoire STC de Garmin 2134, révision A, daté du 23 avril 2021.
 - (ii) Bulletin de service obligatoire STC de Garmin 2135, révision A, daté du 23 avril 2021.
- (3) [...]
- (4) [...]
- (5) [...]

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Lance T. Gant,

Directeur, Division de la conformité et de la navigabilité, Service de certification des aéronefs.

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