



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: SA01818WI

This certificate issued to: Garmin International, Inc.
1200 East 151st Street
Olathe, KS 66062

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 23* of the Federal Aviation Regulations.

Original Product – Type Certificate Number:

Multiple - AML STC

Make:

Model: See Approved Model List (AML) SA01818WI for approved aircraft models and applicable airworthiness regulations

Description of Type Design Change:

Installation of Garmin G5 Electronic Flight Instrument

Data Required:

- (1) Garmin Master Drawing List (MDL) 005-01112-01, Revision 1, dated July 22, 2016
 - (2) Garmin G5 STC Maintenance Manual including ICA190-01112-11, Revision 1, dated July 22, 2016
 - (3) Garmin G5 Airplane Flight Manual Supplement 190-01112-13, Revision 1, dated July 22, 2016
- Later FAA-approved revisions to the data listed above are incorporated without amendment to this certificate

Limitations and Conditions:

- (1) Compatibility of this design change with previously approved modifications must be determined by the installer.
- (2) The installation of the G5 requires the retention of the mechanical airspeed indicator, altimeter, and vertical speed indicator. The installation of the G5 in configurations not approved by this STC, such as an electronic standby instrument, requires separate airworthiness approval.
- (3) For installations in aircraft approved for IFR operations:
 - (a) If the G5 is installed as the primary attitude indicator, the existing rate of turn indicator must be retained.
 - (b) If the G5 is installed as the rate of turn indicator, the existing primary attitude indicator must be retained.

(continued on Page 3)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application: May 5, 2016

Date Reissued:

Date of Issuance: July 22, 2016

Date Amended: Apr 28, 2017; Oct 18, 2017; Mar 15, 2019; Jul 19, 2019

By Direction of the Administrator

Signature

Title David G. Armstrong
ODA STC Unit Administrator
ODA-240087-CE

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



United States of America
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Supplemental Type Certificate

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this Supplemental Type Certificate. The FAA will reissue the certificate in the name of the transferee and forward it to him.

Transfer Endorsement

Transfer the ownership of Supplemental Type Certificate Number:

To (Name and address of transferee)

From (Name and address of grantor)

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: _____

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



United States of America
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Supplemental Type Certificate

(Continuation Sheet)

Number: SA01818WI

July 19, 2019

Limitations and Conditions (Cont.)

- (4) For installations in aircraft approved for VFR-only operations, the G5 can be installed as the attitude indicator and rate of turn indicator without retention of either the existing attitude indicator or rate of turn indicator.
- (5) Aircraft modified by this STC must be operated in accordance with the Airplane Flight Manual Supplement (AFMS) identified above.
- (6) Aircraft modified by this STC must be maintained in accordance with the Instructions for Continued Airworthiness (ICA) identified above.
- (7) If the holder agrees to permit another person to use this certificate to alter the product, the holder must give the other person written evidence of that permission.
- (8) Unless a limitation is shown on the Approved Model List (AML), installations performed in accordance with MDL Revision 14 or later, or modified by Service Bulletin 1910, comply with 14 CFR 23.2515(a)(b) and 23.2520(a)(b), Amdt. 23-64, and are compatible with Garmin G3X and FIKI systems.

*Certification Basis

Based on 14 CFR 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this change is as follows:

- a. The certification basis for parts not changed or not affected by this change remains unchanged from the original approval.
- b. The certification basis for parts changed or affected by this change is:*

Section	Amdt.	Section	Amdt.
23.251(a)	23-62	23.1323(a)(b)(c)	23-62
23.301(a)	23-48	23.1325(a)(b)	23-50
23.303	Orig.	23.1327(a)(1)(2)	23-20
23.305(a)(b)	23-45	23.1329(g)(h)	23-49
23.307(a)	Orig.	23.1331(a)(b)(1)(c)	23-62
23.337(a)(b)	23-48	23.1351(a)	23-49
23.561(a)(b)(3)(e)	23-62	23.1353(h)	23-62
23.601	Orig.	23.1357(a)(b)(c)(d)	23-43
23.603	23-23	23.1359	23-49
23.605(a)	23-23	23.1365(a)(b)(d)(e)	23-49
23.607(b)	23-48	23.1381(a)(b)	Orig.
23.613(a)(b)	23-45	23.1419(a)(c)	23-43
23.771(a)	23-14	23.1431(a)(b)	23-62
23.773(a)(2)	23-45	23.1529	23-26
23.777(a)(b)	23-62	23.1541	23-21
23.853(a)	23-62	23.1543(b)	23-50
23.867(a)(b)	23-49	23.1545(a)(b)(c)	23-62
23.1301	23-62	23.1555(a)(b)	23-62
23.1303(a)(b)(c)(f)	23-62	23.1581(a)(b)(d)(f)	23-50
23.1307	23-49	23.1585(a)	23-62
23.1309(a)(1)(2)	23-62	23.2510	23-64
23.1309(a)(b)(c)(d)(e)	23-49	23.2515(a)(b)	23-64
23.1311(a)(1)(2)(3)(6)(7)(b)	23-62	23.2520(a)(b)	23-64
23.1321(c)(d)(e)	23-49	23.2335	23-64
23.1322	23-43		

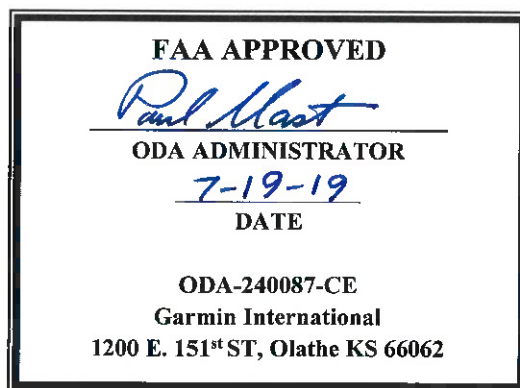
*Earlier amendments may apply to certain models; refer to the AML.

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FAA Approved Model List (AML)

STC Number SA01818WI

Installation of Garmin G5 Electronic Instrument System



Issued Date: July 22, 2016

Amended Date: July 19, 2019

FAA Approved Model List (AML) STC Number SA01818WI

AML Amendment Log

Date	Description
July 22, 2016	Original
Aug 22, 2016	Add models under the following TCDS: 1A2, 1A4, 1A6, A34CE, A-767
Apr 28, 2017	Add models under the following TCDS: A1EU, A27EU, A-773, A13EU, A67EU, TC 788, A-780, A4PC, A-694, 1A2, 1A13, A-766, 5A2, A-768, 3A21, A-787, A-718, A18EA, A68EU
Oct 18, 2017	Add models under the following TCDS: A17WE, A8SO, A18EU, A22EU, A43CE, A-734, 1A8, TC 628, 3A17, 3A25, A31EU
Mar 15, 2019	Add models under the following TCDS: 1A1, 1A3, 1A4, 5A4, A6CE, A57EU. Added limitations (4) and (5). Updated various Aircraft Makes/TCDS holders to match ACP-0019.
Jul 19, 2019	Add models under the following TCDS: A48EU, A-743, A00009, A62CE, A00066CE, A00053SE, A47CE, A00008DE, A34EU, A-754, A00003SE, 3A23, A46CE, A3SW, A4SW, A00006SE, 4A19

FAA Approved Model List (AML) STC SA01818WI

Aircraft Make (TCDS Holder) [common name or previous make]	Aircraft Model (alias)	Type Certificate Number	TC Certification Basis*	MDL 005-01112-01 Rev.**	AML Amended Date	Limitations
Aermacchi S.p.A (Aermacchi S.p.A) [Siai Marchetti]	F.260, F.260B, F.260C, F.260D, F.260E, F.260F	A10EU	CAR 3	1	July 22, 2016	
Aermacchi S.p.A (Aermacchi S.p.A) [Siai Marchetti]	S.205-18/F, S.205-18/R, S.205-20/F, S.205-20/R, S.205-22/R, S.208, S.208A	A9EU	FAR 23	1	July 22, 2016	
Aero Commander (Dynac Aerospace Corp) [Voltaire]	10, 10A, 100, 100A, 100-180	1A21	CAR 3	1	July 22, 2016	
Aeromere (Aeromere S.A.) [Falco]	Falco F.8.L	7A11	CAR 3/10	1	July 22, 2016	(4)
Aeronautica Macchi Aerfer (Aeronautica Macchi S.p.A. & Aerfer- Industrie Aerospaziali Meridionali S.p.A.)	AM-3	A19EU	FAR 23	1	July 22, 2016	
Aerostar (Aerostar Aircraft Corporation)	PA-60-600 (Aerostar 600), PA-60-601 (Aerostar 601), PA-60-601P (Aerostar 601P), PA-60-602P (Aerostar 602P)	A17WE	FAR 23	8	October 18, 2017	(4)
Airbus Defense and Space GMBH (Airbus Defense and Space GMBH) [Bolkow]	Bolkow Jr.	A1EU	CAR 3/10	5	April 28, 2017	(4)
Airbus Defense and Space GMBH (Airbus Defense and Space GMBH) [Bolkow]	BO-209-150 FV & RV, BO-209-160 FV & RV, BO-209-150 FF	A27EU	FAR 23	5	April 28, 2017	(4)
Alexandria Aircraft (Alexandria Aircraft, LLC) [Bellanca]	17-30, 17-31, 17-31TC	1A3	CAR 3	1	July 22, 2016	
	14-19, 14-19-2, 14-19-3, 14-19-3A			14	March 15, 2019	
Alexandria Aircraft (Alexandria Aircraft LLC) [Bellanca]	17-30A, 17-31A, 17-31ATC	A18CE	FAR 23	1	July 22, 2016	
Alpha Aviation Concept Ltd (Alpha Aviation Concept Limited)	R2160	A48EU	FAR 23	17	July 19, 2019	
American Champion (American Champion Aircraft Corporation)	7ECA, 7GCAA, 7GCBC, 7KCAB	A-759	CAR 4a	1	July 22, 2016	
American Champion (American Champion Aircraft Corporation)	8KCAB, 8GCBC	A21CE	FAR 23	1	July 22, 2016	
Aviat Aircraft, Inc. (Aviat Aircraft, Inc.) [Sky International]	A-1, A-1A, A-1B, A-1C-180, A-1C-200	A22NM	FAR 23	1	July 22, 2016	
Aviat Aircraft, Inc. (Aviat Aircraft, Inc.) [Sky International]	S-1S, S-1T, S-2, S-2A, S-2S, S-2B, S-2C	A8SO	FAR 23	8	October 18, 2017	
Bellanca (Bellanca Aircraft Corporation)	14-13-2, 14-13-3W, 14-13-3, 14-13	A-773	CAR4a	5	April 28, 2017	

FAA Approved Model List (AML) STC SA01818WI

Aircraft Make (TCDS Holder) [common name or previous make]	Aircraft Model (alias)	Type Certificate Number	TC Certification Basis*	MDL 005-01112-01 Rev.**	AML Amended Date	Limitations
Boeing (The Boeing Company) [Rockwell International]	BC-1A, AT-6 (SNJ-2), AT-6A (SNJ-3), AT-6B, AT-6C (SNJ-4), AT-6D (SNJ-5), AT-6F (SNJ-6), SNJ-7, T-6G	A-2-575	CAR 4a	1	July 22, 2016	
Boeing (The Boeing Company) [Stearman]	A75L3, 75, A75, B75, E75, A75J1, A75L300, A75N1, B75N1, D75N1, IB75A, E75N1	A-743	CAR 4a	17	July 19, 2019	
Cessna (Cessna Aircraft Company)	T-50 (Army AT-17, and UC-78 series, and Navy JRC-1)	A-722	CAR 4a	1	July 22, 2016	(4)
Cessna (Cessna Aircraft Company)	F150F, F152, F150G, FA150K, F150H, FA150L, F150J, FA150M, F150K, FA152, F150L, FRA150L, F150M, FRA150M	A13EU	CAR 3	5	April 28, 2017	
Cessna (Cessna Aircraft Company)	Cessna FR172K	A18EU	CAR 3	1	July 22, 2016	
	Cessna FR172E, FR172F, FR172G, FR172H, FR172J			8	October 18, 2017	
Cessna (Cessna Aircraft Company)	F172D, F172E, F172F, F172G, F172H, F172K, F172L, F172M, F172N, F172P, FP172D	A4EU	CAR 3 CAR 10	1	July 22, 2016	
Cessna (Cessna Aircraft Company)	F177RG	A26EU	FAR 23	1	July 22, 2016	
Cessna (Cessna Aircraft Company)	F182P, F182Q, FR182	A42EU	CAR 3 FAR 23	1	July 22, 2016	
Cessna (Cessna Aircraft Company)	F337E, FT337E, F337F, FT337F, F337G, FT337GP, F337H, FT337HP	A23EU	FAR 23	1	July 22, 2016	(4)
Cirrus Design Corporation (Cirrus Design Corporation)	SR20, SR22, SR22T	A00009CH	FAR 23	17	July 19, 2019	
Commander (Commander Aircraft Corporation) [CPAC, Inc.]	112, 112TC, 112B, 112TCA, 114, 114A, 114B, 114TC	A12SO	FAR 23	1	July 22, 2016	
Costruzioni Aeronautiche Tecnam S.P.A. (Costruzioni Aeronautiche Tecnam S.P.A.) [Tecnam]	P2006T	A62CE	FAR 23	17	July 19, 2019	(8)
Costruzioni Aeronautiche Tecnam S.P.A. (Costruzioni Aeronautiche Tecnam S.P.A.) [Tecnam]	P2010	A00066CE	FAR 23	17	July 19, 2019	(8)
Cub Crafters (Cub Crafters Inc.)	CC19-180	A00053SE	FAR 23	17	July 19, 2019	
DeHavilland Support Limited	Beagle B.121 Series 1, Beagle B.121 Series 2, Beagle B.121 Series 3	A22EU	FAR 23	8	October 18, 2017	
Diamond (Diamond Aircraft Industries; Inc.)	DA20-A1, DA20-C1	TA4CH	FAR 23	1	July 22, 2016	
Diamond (Diamond Aircraft Industries, Inc.)	DA 40 NG, DA 40F, DA 40	A47CE	JAR23 FAR 23	17	July 19, 2019	(6)

FAA Approved Model List (AML) STC SA01818WI

Aircraft Make (TCDS Holder) [common name or previous make]	Aircraft Model (alias)	Type Certificate Number	TC Certification Basis*	MDL 005-01112-01 Rev.**	AML Amended Date	Limitations
Discovery (Discovery Aviation, Inc.) [Liberty]	XL-2	A00008DE	FAR 23	17	July 19, 2019	
EADS-PZL "Warszawa-Okęcie" (EADS-PZL "Warszawa-Okęcie" S.A.)	PZL-104 WILGA 80, PZL-104M WILGA 2000, PZL-104MA WILGA 2000	A55EU	FAR 23	1	July 22, 2016	
EADS-PZL "Warszawa-Okęcie" (EADS-PZL "Warszawa-Okęcie" S.A.)	PZL-KOLIBER 150A, PZL-KOLIBER 160A	A69EU	FAR 23	1	July 22, 2016	
Extra (Extra Flugzeugproduktions- und Vertriebs- GmbH)	EA 300, EA 300/S, EA 300/L, EA 300/200, EA 300/LC	A67EU	FAR 23	5	April 28, 2017	
Extra (Extra Flugzeugproduktions- und Vertriebs- GmbH)	EA 400, EA 400-500	A43CE	FAR 23	8	October 18, 2017	(4)(8)
Fleet Aircraft, Ltd (Flight Aircraft Ltd)	FLEET 80	TC 788	CAR 3 EQUIVAL ENT	5	April 28, 2017	
Found Brothers (Found Brothers Aviation Limited)	FBA Centennial "100"	A13EA	CAR 3	1	July 22, 2016	
Frakes Aviation (Frakes Aviation) [Gulfstream American Corporation]	G-44, G-44A, SCAN Type 30	A-734	CAR 4A	8	October 18, 2017	(4)
FS2003 Corp. (FS 2003 Corporation) [The New Piper Aircraft, Inc.]	PA-12, PA-12S	A-780	CAR 3	5	April 28, 2017	
Fuji (Fuji Heavy Industries, Ltd)	FA-200-160, FA-200-180, FA-200-180AO	A4PC	CAR 3/10	5	April 28, 2017	
Gomolzig Flugzeug- und Maschinenbau GmbH (Gomolzig Flugzeug- und Maschinenbau GmbH) [FFA]	AS 202/15 "BRAVO", AS 202/18A "BRAVO", AS 202/18A4 "BRAVO"	A34EU	FAR 23	17	July 19, 2019	
Grob Aircraft AG (GROB Aircraft AG) [Grob]	G115, G115A, G115B, G115C, G115C2, G115D, G115D2, G115EG	A57EU	FAR 23	14	March 15, 2019	(4)
Helio (Helio Aircraft, LLC)	H-250, H-295 (USAF U-10D), HT-295, H-391 (USAF YL-24), H-391B, H-395 (USAF L-28A or U-10B), H-395A,	1A8	CAR 3	1	July 22, 2016	
	H-700, H-800			8	October 18, 2017	
Howard (Howard Aircraft Foundation)	DGA-15P (Army UC-70, Navy GH-1, GH-2, GH-3, NH-1), DGA-15J (Army UC-70B), DGA-15W	A-717	CAR 4a	1	July 22, 2016	
Interceptor (Interceptor Aircraft Inc) [Prop-Jets, Inc.; Meyers]	200, 200A, 200B, 200C, 200D, 400	3A18	CAR 3	1	July 22, 2016	
Interstate (STOL Aviation LLC)	S-1B1, S-1B2	A-754	CAR 4 FAR 23	17	July 19, 2019	
JGS (JGS Properties, LLC) [Quartz Mountain Aerospace; Luscombe Aircraft]	11E	A-804	CAR 3	1	July 22, 2016	

Issued: July 22, 2016

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FAA Approved Model List (AML) STC SA01818WI

Aircraft Make (TCDS Holder) [common name or previous make]	Aircraft Model (alias)	Type Certificate Number	TC Certification Basis*	MDL 005-01112-01 Rev.**	AML Amended Date	Limitations
Legend Aviation & Marine (Legend Aviation & Marine LLC) [Republic Twin-Bee]	UC-1	A6EA	CAR 3	1	July 22, 2016	(4)
Lovaux Ltd (FLS Aerospace (Lovaux) Ltd.)	OA7 Optica Series 300	A64EU	FAR 23	1	July 22, 2016	
Luscombe (Good Earthkeeping Organization Inc)	8A, 8B, 8C, 8D, 8E, 8F, 8, T-8F	A-694	CAR 4a	5	April 28, 2017	
Maule (Maule Aerospace Technology, Inc.)	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, 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-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, MX-7-235, MX-7-180, MXT-7-180, MT-7-235, M-8-235, MX-7-160, MXT-7-160, MX-7-180A, MXT-7-180A, MX-7-180B, M-7-235B, M-7-235A, M-7-235C, MX-7-180C, M-7-260, MT-7-260, M-7-260C, , MX-7-160C, MX-7-180AC, , M-9-235	3A23	CAR 3	1	July 22, 2016	
	MX-7-420, MT-7-420, M-7-420A, M-7-420AC			17	July 19, 2019	(4)
MICCO Aircraft Co., Inc. (MICCO Aircraft Company, Inc.) [Meyers]	MAC-125C, MAC-145, MAC-145A, MAC-145B	3A1	CAR 4a FAR 23	1	July 22, 2016	
Mooney (Mooney International Corporation) [Mooney Aviation Company, Inc.; Mooney Airplane Co.; Mooney Aircraft Corporation; Aerostar Aircraft Corp]	M20, M20A, M20B, M20C, M20D, M20E, M20F, M20G, M20J, M20K, M20L, M20M, M20R, M20S	2A3	CAR 3	1	July 22, 2016	
Mooney (Mooney Aircraft Corporation)	M22	A6SW	CAR 3	1	July 22, 2016	
Nardi (Nardi S.A.) [Siai Marchetti]	FN-333	7A5	CAR 3/10	1	July 22, 2016	
Navion (Sierra Hotel Aero, Inc.)	Navion (L-17A), Navion A (L-17B, L-17C), Navion B, Navion D, Navion E, Navion F, Navion G, Navion H	A-782	CAR 3	1	July 22, 2016	
Pacific Aerospace Limited. (Pacific Aerospace Ltd.) [Found Aircraft Canada, Inc]	FBA-2C, FBA-2C1 (Bush Hawk), FBA-2C2 (Bush Hawk XP)	A7EA	CAR 3 FAR 23	1	July 22, 2016	
Piaggio (Piaggio & C.)	P.136-L, P.136-L1	A-813	CAR 3/10	1	July 22, 2016	(4)
Piper Aircraft, Inc. (Piper Aircraft, Inc.)	PA-16, PA-16S	1A1	CAR 3	14	March 15, 2019	
Piper Aircraft, Inc. (Piper Aircraft, Inc.)	PA-18 "125" (Army L-21A), PA-18S "125", PA-18AS "125", PA-18 "135" (Army L-21B), PA-18A "135", PA-18S "135", PA-18AS "135", PA-18 "150", PA-18A "150", PA-18S "150", PA-18AS "150", PA-19 (Army L-18C), PA-19S	1A2	CAR 3	1	July 22, 2016	

FAA Approved Model List (AML) STC SA01818WI

Aircraft Make (TCDS Holder) [common name or previous make]	Aircraft Model (alias)	Type Certificate Number	TC Certification Basis*	MDL 005-01112-01 Rev.**	AML Amended Date	Limitations
	PA-18, PA-18S, PA-18A			1	Aug 22, 2016	
	PA-18S "105"			5	April 28, 2017	
Piper Aircraft, Inc. (Piper Aircraft, Inc.)	PA-20, PA-20S, PA-20 "115", PA-20 "135", PA-20S "135"	1A4	CAR 3	1	Aug 22, 2016	
	PA-20S "115"			14	March 15, 2019	
Piper Aircraft, Inc. (Piper Aircraft, Inc.)	PA-22, PA-22-108, PA-22-135, PA-22S-135, PA-22-150, PA-22S-150, PA-22-160, PA-22S-160	1A6	CAR 3	1	Aug 22, 2016	
Piper Aircraft, Inc. (Piper Aircraft, Inc.)	PA-23, PA-23-160, PA-23-235, PA-23-250, PA-E23-250	1A10	CAR 3	1	July 22, 2016	(4)
Piper Aircraft, Inc. (Piper Aircraft, Inc.)	PA-24, PA-24-250, PA-24-260, PA-24-400	1A15	CAR 3	1	July 22, 2016	
Piper Aircraft, Inc. (Piper Aircraft, Inc.)	PA-28-140, PA-28-150, PA-28-151, PA-28-160, PA-28-161, PA-28-180, PA-28-235, PA-28S-160, PA-28R-180, PA-28S-180, PA-28-181, PA-28R-200, PA-28R-201, PA-28R-201T, PA-28RT-201, PA-28RT-201T, PA-28-201T, PA-28-236	2A13	CAR 3	1	July 22, 2016	(1)(3)
Piper Aircraft, Inc. (Piper Aircraft, Inc.)	PA-38-112	A18SO	FAR 23	1	July 22, 2016	
Piper Aircraft, Inc. (Piper Aircraft, Inc.)	PA-44-180, PA-44-180T	A19SO	FAR 23	1	July 22, 2016	(1)(2)(3)(4)
Piper Aircraft, Inc. (Piper Aircraft, Inc.)	PA-30, PA-39, PA-40	A1EA	CAR 3	1	July 22, 2016	(4)
Piper Aircraft, Inc. (Piper Aircraft, Inc.)	PA-32-260, PA-32-300, PA-32S-300, PA-32R-300, PA-32RT-300, PA-32RT-300T, PA-32R-301(SP), PA-32R-301(HP), PA-32R-301T, PA-32-301, PA-32-301T, PA-32-301FT, PA32-301XTC	A3SO	CAR 3	1	July 22, 2016	(1)(3)
Piper Aircraft, Inc. (Piper Aircraft, Inc.)	PA-34-200, PA-34-200T, PA-34-220T	A7SO	CAR 3	1	July 22, 2016	(4)
Polskie Zaklady Lotnicze Spolka zo.o (Polskie Zaklady Lotnicze Spolka zo.o) [PZL MIELEC]	PZL M26 01	A44CE	FAR 23	1	July 22, 2016	
Revo, Inc. (Revo, Incorporated) [Lake]	COLONIAL C-1, COLONIAL C-2, LAKE LA-4, LAKE LA-4A, LAKE LA-4P, LAKE LA-4-200, LAKE MODEL 250	1A13	CAR 3	5	April 28, 2017	
SOCATA Morane Saulnier Rallye (SOCATA) [SOCATA - Groupe Aerospatiale]	Rallye 100S, Rallye 150ST, Rallye 150T, Rallye 235E, Rallye 235C, MS 880B, MS 885, MS 894A, MS 893A, MS 892A-150, MS 892E-150, MS 893E, MS 894E	7A14	CAR 3	1	July 22, 2016	
SOCATA (SOCATA) [SOCATA - Groupe Aerospatiale]	TB 9, TB 10, TB 20, TB 21, TB 200	A51EU	FAR 23	1	July 22, 2016	
SOCATA, S.A. (SOCATA S.A.) [Grumman]	GA-7 (Cougar)	A17SO	FAR 23	1	July 22, 2016	(4)
Spartan Aircraft Company	Spartan 7W	TC 628	Aero 7A	8	October 18, 2017	
STOL (Sky Enterprises, Inc.) [Republic Sea-Bee]	RC-3	A-769	CAR 3	1	July 22, 2016	

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Swift (Swift Museum Foundation Inc.) [Globe Aircraft Company]	GC-1A, GC-1B	A-766	CAR 4a	5	April 28, 2017	
Symphony Aircraft Industries Inc. (Symphony Aircraft Industries Inc.) [OMF]	OMF-100-160, SA 160	A46CE	FAR 23	17	July 19, 2019	
Textron Aviation (Textron Aviation Inc.) [Beechcraft]	D17S (Army UC-43, UC-43B, Navy GB-1, GB-2), SD17S	A-649	Aero 7A	1	July 22, 2016	
Textron Aviation (Textron Aviation Inc.) [Beechcraft]	G17S	TC 779	Aero 7A	1	July 22, 2016	
Textron Aviation (Textron Aviation Inc.) [Beechcraft]	19A, B19, M19A, 23, A23, A23A, A23-19, A23-24, B23, C23, A24, A24R, B24R, C24R	A1CE	CAR 3	1	July 22, 2016	
Textron Aviation (Textron Aviation Inc.) [Beechcraft]	35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, E33C, F33, F33A, F33C, G33, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 36, A36, A36TC, B36TC	3A15	CAR 3	1	July 22, 2016	
Textron Aviation (Textron Aviation Inc.) [Beechcraft]	35, A35, B35, C35, D35, E35, F35, G35	A-777	CAR 3	1	July 22, 2016	
Textron Aviation (Textron Aviation Inc.) [Beechcraft]	45 (YT-34), A45 (T-34A, B-45), D45 (T-34B)	5A3	CAR 3	1	July 22, 2016	
Textron Aviation (Textron Aviation Inc.) [Beechcraft]	D55, D55A, E55, E55A, 56TC, A56TC, 58, 58A, 95, B95, B95A, D95A, E95, 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B (T-42), 95-C55, 95-C55A	3A16	CAR 3	1	July 22, 2016	(4)
Textron Aviation (Textron Aviation Inc.) [Beechcraft]	76	A29CE	FAR 23	1	July 22, 2016	(4)
Textron Aviation (Textron Aviation Inc.) [Beechcraft]	77	A30CE	FAR 23	1	July 22, 2016	
Textron Aviation (Textron Aviation Inc.) [Beechcraft Corporation]	50, B50, C50	5A4	CAR 3	14	March 15, 2019	(4)(5)
Textron Aviation Inc. (Textron Aviation Inc.) [Cessna Aircraft Company]	140A	5A2	CAR 3	5	April 28, 2017	
Textron Aviation Inc. (Textron Aviation Inc.) [Cessna Aircraft Company]	120, 140	A-768	CAR 4a	5	April 28, 2017	
Textron Aviation Inc. (Textron Aviation Inc.) [Cessna Aircraft Company]	150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, A150K, 150L, A150L, 150M, A150M, 152, A152	3A19	CAR 3	1	July 22, 2016	
Textron Aviation Inc. (Textron Aviation Inc.) [Cessna Aircraft Company]	170, 170A, 170B	A-799	CAR 3	1	July 22, 2016	

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Textron Aviation Inc. (Textron Aviation Inc.) [Cessna Aircraft Company]	172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S	3A12	CAR 3 FAR 23	1	July 22, 2016	(3)
Textron Aviation Inc. (Textron Aviation Inc.) [Cessna Aircraft Company]	175, 175B, P172D, R172E (USAF T-41B), (USAF T-41C or D), R172F (USAF T-41D), R172G (USAF T-41C or D), R172H (USAF T-41D), R172J, 172RG, R172K	3A17	CAR 3	1	July 22, 2016	
	175A, 175C			8	October 18, 2017	
Textron Aviation Inc. (Textron Aviation Inc.) [Cessna Aircraft Company]	177, 177A, 177B	A13CE	FAR 23	1	July 22, 2016	
Textron Aviation Inc. (Textron Aviation Inc.) [Cessna Aircraft Company]	177RG	A20CE	FAR 23	1	July 22, 2016	
Textron Aviation Inc. (Textron Aviation Inc.) [Cessna Aircraft Company]	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K	5A6	CAR 3	1	July 22, 2016	
Textron Aviation Inc. (Textron Aviation Inc.) [Cessna Aircraft Company]	182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 182S, 182T, R182, T182, TR182, T182T	3A13	CAR 3 FAR 23	1	July 22, 2016	(3)
Textron Aviation Inc. (Textron Aviation Inc.) [Cessna Aircraft Company]	185, 185A, 185B, 185C, 185D, 185E, A185E, A185F	3A24	CAR 3	1	July 22, 2016	
Textron Aviation Inc. (Textron Aviation Inc.) [Cessna Aircraft Company]	190, 195 (LC-126A,B,C), 195A, 195B	A-790	CAR 3	1	July 22, 2016	
Textron Aviation Inc. (Textron Aviation Inc.) [Cessna Aircraft Company]	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, 206H, T206H	A4CE	CAR 3 FAR 23	1	July 22, 2016	(3)
Textron Aviation Inc. (Textron Aviation Inc.) [Cessna Aircraft Company]	210, 210A, 210B, 210C, 210D, 210E, 210F, T210F, 210G, T210G, 210H, T210H, 210J, T210J, 210K, T210K, 210L, T210L, 210M, T210M, 210N, T210N, 210R, T210R, 210-5 (205), 210-5A (205A)	3A21	CAR 3	1	July 22, 2016	
	P210N, P210R			5	April 28, 2017	
Textron Aviation Inc. (Textron Aviation Inc.) [Cessna Aircraft Company]	T303	A34CE	FAR 23	1	Aug 22, 2016	(4)
Textron Aviation Inc. (Textron Aviation Inc.) [Cessna Aircraft Company]	310, 310A (USAF U-3A), 310B, 310C, 310D, 310E (USAF U-3B), 310F, 310G, 310H, E310H, 310I, 310J, 310J-1, E310J, 310K, 310L, 310N, 310P, T310P, 310Q, T310Q, 310R, T310R	3A10	CAR 3	1	July 22, 2016	(4)
Textron Aviation Inc. (Textron Aviation Inc.) [Cessna Aircraft Company]	320, 320A, 320B, 320C, 320D, 320E, 320F, 320-1, 335	3A25	CAR 3	1	July 22, 2016	(4)
	340, 340A			8	October 18, 2017	(4)

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Textron Aviation Inc. (Textron Aviation Inc.) [Cessna Aircraft Company]	336	A2CE	CAR 3	1	July 22, 2016	(4)
Textron Aviation Inc. (Textron Aviation Inc.) [Cessna Aircraft Company]	337, 337A (USAF 02B), 337B, T337B, 337C, 337E, T337E, T337C, 337D, T337D, 337F, T337F, 337G, T337G, 337H, T337H, T337H-SP	A6CE	CAR 3 FAR 23	1	July 22, 2016	(4)
	P337H			14	March 15, 2019	(4)
Textron Aviation Inc. (Textron Aviation Inc.) [Lancair]	LC40-550FG, LC41-550FG, LC42-550FG	A00003SE	FAR 23	17	July 19, 2019	
Thrush Aircraft Inc. (Thrust Aircraft Inc.) [Snow, Rockwell, Ayres]	600 S-2D, S2R, S2R-T34, S2R-T15, S2R-T11, S2R-R3S, S2R-R1340	A3SW	CAR 3	17	July 19, 2019	(4)
Thrush Aircraft Inc. (Thrust Aircraft Inc.) [Snow, Rockwell, Ayres]	600 S-2D, S2R, S2R-T34, S2R-T15, S2R-T11, S2R-R3S, S2R-R1340, S2R-R1820, S2R-T65, S2R-T45, S2R-G6, S2R-G10, S2R-G5, S2R-G1	A4SW	CAR 3 FAR 23	17	July 19, 2019	(4)
Topcub Aircraft Inc. (Topcub Aircraft Inc.) [Cub Crafters]	CC18-180, CC18-180A	A00006SE	FAR 23	17	July 19, 2019	
Trident (Viking Air, Ltd.)	TR-1	A19EA	FAR 23	1	July 22, 2016	
True Flight Holdings LLC (True Flight Holdings LLC) [American General]	AA-1, AA-1A, AA-1B, AA-1C	A11EA	FAR 23	1	July 22, 2016	(3)
True Flight Holdings LLC (True Flight Holdings LLC) [American General]	AA-5, AA-5A, AA-5B, AG-5B	A16EA	FAR 23	1	July 22, 2016	
Univair (Univair Aircraft Corporation) [Stinson]	415-D, 415-E, 415-G, F-1, F-1A, A-2, A2-A, M10	A-787	CAR 3	5	April 28, 2017	
Univair (Univair Aircraft Corporation) [Stinson]	108, 108-1, 108-2, 108-3, 108-5	A-767	CAR 3	1	Aug 22, 2016	
Univair (Univair Aircraft Corporation) [Stinson]	415-C, 415-CD	A-718	CAR 4a	5	April 28, 2017	
Varga (Agusutair, Inc)	2150, 2150A, 2180	4A19	CAR 3	17	July 19, 2019	
Vulcanair S.p.A (Vulcanair S.p.A) [Partenavia]	P.68, P.68B	A31EU	FAR 23	8	October 18, 2017	(4)(7)
WACO (The WACO Aircraft Company)	YMF	ATC 542	Aero 7A	1	July 22, 2016	
WACO* (WACO Classic Aircraft Corporation)) [Great Lakes Aircraft Company]	2T-1A-2 *TCDS no longer lists Aircraft Make	A18EA	Aero 7A	5	April 28, 2017	
WSK "PZL-MIELEC" OBR (WSK PZL MIELEC and OBR SK MIELEC) [PZL]	PZL M20 03	A68EU	FAR 23	5	April 28, 2017	(4)

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Zenair (Zenair Ltd.)	CH2000	TA5CH	FAR 23	1	July 22, 2016	
ZLIN Aircraft a.s. (ZLIN Aircraft a.s.) [Moravan a.s.]	Z-242L, Z-143L	A76EU	FAR 23	1	July 22, 2016	
ZLIN Aircraft a.s. (ZLIN Aircraft a.s.) [Moravan National Corporation]	ZLIN 526L	A30EU	FAR 23	1	July 22, 2016	

[* TC Certification Basis - See Type Certificate Data Sheet applicable to aircraft for complete certification basis.]

[** Later FAA-approved revisions of the Master Drawing List may be used.]

Limitations:

- (1) Excluding aircraft equipped with Avidyne Entegra
- (2) Excluding aircraft equipped with Garmin G500
- (3) Excluding aircraft equipped with Garmin G1000
- (4) Excluding aircraft equipped with Garmin G3X or FIKI systems. Aircraft complies with 14 CFR 23 through Amdt. 23-55.
- (5) Excluding aircraft configured for more than 6 seats or > 6,000 lb MTOW
- (6) VFR aircraft (without lightning protection per SB OSB 40-004/3) ONLY.
- (7) Excluding aircraft equipped with Garmin G950 or Sagem Avionics Integrated Cockpit
- (8) Excludes installation of G5 as the primary attitude indicator or HSI.

*****END*****