FEDERAL AVIATION ADMINISTRATION (FAA) APPROVED MODEL LIST (AML) SA02511SE
FOR
CIES INC. CC284022 SERIES TSO C55a FUEL QUANTITY SENDERS

ISSUE DATE: March 14, 2017

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TC NUMBER	CERTIFICATION BASIS FOR ALTERATION	INSTALLATION REQUIREMENTS & INSTRUCTIONS FOR CONTINUED AIRWORTHINESS		STC MASTER DRAWING LIST		CiES SENDER PART NUMBERS APPROVED FOR INSTALLATION	APPROVED SENDER AND INSTRUMENT COMBINATIONS	INITIAL APPROVED DATE	AMENDED DATE
					Number	Revision*	Number	Revision**				
1	Textron Aviation Inc. (formerly Cessna)	172, 172A, 172B. 172C, 172D, 172E, 172F, 172G, 172H, 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S	3A12	CAR 3, 14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0603-XXX, CC284022 0605-XXX, CC284022 0609-XXX, CC284022 0616-XXX, CC284022 0617-XXX, CC284022 0624-XXX (Tip)	1-25, 30, 31, 32	3/14/2017	4/10/2020
2	Textron Aviation Inc. (formerly Cessna)	182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 182S, 182T, R182, T182, T182T, TR182	3A13	CAR 3, 14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0602-XXX, CC284022 0606-XXX, CC284022 0607-XXX, CC284022 0608-XXX, CC284022 0624-XXX (Tip)	1-25, 30, 32	3/14/2017	4/10/2020
3	Textron Aviation Inc. (formerly Cessna)	175, 175A, 175B, 175C, P172D, R172E, R172F, R172G, R172H, R172J, R172K, 172RG	3A17	CAR 3, 14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0603-XXX, CC284022 0616-XXX, CC284022 0617-XXX, CC284022 0620-XXX, CC284022 0624-XXX, CC284022 0608-XXX (Tip)	1-19, 21-25, 30, 32	3/14/2017	4/10/2020

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					Number	Revision*	Number	Revision**				
4	Textron Aviation Inc. (formerly Cessna)	210, 210A, 210B, 210C, 210D, 210E, 210F, 210G, 210H, 210J, 210K, 210L, 210M, 210N, 210R, T210F, T210G, T210H, T210J, T210K, T210L, T210M, T210N, T210R, 210-5 (205), 210-5A (205A), P210N, P210R	3A21	CAR 3, 14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0601-XXX, CC284022 0602-XXX (Strut), CC284022 0608-XXX (Tip), CC284022 0624-XXX (Tip)	1-19, 21-25, 30, 32	3/14/2017	4/10/2020
5	Textron Aviation Inc. (formerly Cessna)	185, 185A, 185B, 185C, 185D, 185E, A185E, A185F	3A24	CAR 3, 14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0602-XXX, CC284022 0608-XXX (Tip), CC284022 0624-XXX (Tip)	1-19, 21-25, 30, 32	3/14/2017	4/10/2020
6	Textron Aviation Inc. (formerly Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K	5A6	CAR 3, 14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0602-XXX, CC284022 0608-XXX (Tip), CC284022 0624-XXX (Tip)	1-19, 21-25, 30, 32	3/14/2017	4/10/2020
7	Textron Aviation Inc. (formerly Cessna)	177, 177A, 177B	A13CE	14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0601-XXX	1-19, 21-25, 30, 32	3/14/2017	4/10/2020
8	Textron Aviation Inc. (formerly Cessna)	207, 207A, T207, T207A	A16CE	14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0602-XXX, CC284022 0608-XXX (Tip), CC284022 0624-XXX (Tip)	1-19, 21-25	3/14/2017	4/19/2018

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					Number	Revision*	Number	Revision**				
9	Textron Aviation Inc. (formerly Cessna)	177RG	A20CE	14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0601-XXX	1-19, 21-25, 30, 32	3/14/2017	4/10/2020
10	Cessna Aircraft Company	Cessna F177RG	A26EU	14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0601-XXX	1-19, 21-25, 30, 32	3/14/2017	4/10/2020
11	Cessna Aircraft Company	Cessna F182P, Cessna F182Q, Cessna FR182	A42EU	CAR 3, 14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0602-XXX, CC284022 0608-XXX (Tip), CC284022 0624-XXX (Tip),	1-19, 21-25, 30, 32	3/14/2017	4/10/2020

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					Number	Revision*	Number	Revision**				
12	Textron Aviation Inc. (formerly Cessna)	206, P206, P206A, P206B, P206C, P206D, P206E, U206, U206A, U206B, U206C, U206E, U206D, U206F, U206G, TP206A, TP206B, TP206C, TP206D, TP206E, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, TU206G, 206H, T206H	A4CE	CAR 3, 14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0602-XXX, CC284022 0604-XXX, CC284022 0606-XXX, CC284022 0607-XXX, CC284022 0608-XXX (Tip), CC284022 0611-XXX, CC284022 0612-XXX	1-25, 30, 32	3/14/2017	4/10/2020
13	Cessna Aircraft Company	F172D, F172E, F172F, F172G, F172H, F172K, F172L, F172M	A4EU	CAR 3, CAR 10, 14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0603-XXX, CC284022 0616-XXX, CC284022 0617-XXX, CC284022 0624-XXX (Tip)	1-25, 30, 32	3/14/2017	4/10/2020

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					Number	Revision*	Number	Revision**				
14	Textron Aviation Inc. (formerly Cessna)	170, 170A, 170B	A-799	CAR 3	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0603-XXX, CC284022 0616-XXX, CC284022 0617-XXX, CC284022 0624-XXX (Tip)	1-19, 21-25, 30, 32	3/14/2017	4/10/2020
15	Textron Aviation Inc. (formerly Cessna)	150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150 A150K, A150L, A150M, 152, A152	3A19	CAR 3, 14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0616-XXX, CC284022 0617-XXX, CC284022 0624-XXX (Tip)	1-19, 21-25, 30, 32	3/14/2017	4/10/2020

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TC NUMBER	CERTIFICATION BASIS FOR ALTERATION	INSTALLATION REQUIREMENTS & INSTRUCTIONS FOR CONTINUED AIRWORTHINESS		STC MASTER DRAWING LIST		CiES SENDER PART NUMBERS APPROVED FOR INSTALLATION	APPROVED SENDER AND INSTRUMENT COMBINATIONS	INITIAL APPROVED DATE	AMENDED DATE
					Number	Revision*	Number	Revision**				
16	Cirrus Design Corp.	SR20, SR22, SR22T	A00009CH	14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0001-XXX, CC284022 0002-XXX, CC284022 0004-XXX, CC284022 0005-XXX, CC284022 0006-XXX, CC284022 0007-XXX, CC284022 0008-XXX, CC284099 0001 (Installation), CC284099 0002 (Installation), CC284099 0003 (Installation), CC284099 0004 (Installation), CC2840220015-XXX, CC2840220016-XXX, CC28403300015 (Installation)	1-25, 32	3/14/2017	4/10/2020
17	Cirrus Design Corp.	SR22, SR22T (w/TKS Sender)	A00009CH	14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0003-XXX	1-25	3/14/2017	4/19/2018

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					Number	Revision*	Number	Revision**				
18	Textron Aviation Inc. (formerly Beechcraft)	35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, E33C, F33, F33A, F33C, G33, H35, G36, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 36, A36, A36TC, B36TC	3A15	CAR 3, 14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 2201-XXX, CC284022 2202-XXX, CC284022 2203-XXX, CC284022 2204-XXX, CC284022 2205-XXX, CC284022 2206-XXX, CC284022 2215-XXX, CC284022 2216-XXX, CC284022 2217-XXX, CC284022 2218-XXX, CC284022 2219-XXX (Tip)	1-19, 21-25, 30, 31, 32	3/14/2017	4/10/2020

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					Number	Revision *	Number	Revision**				
19	Textron Aviation Inc. (formerly Beechcraft)	B95A, D95A, E95, 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B (T-42), 95-C55, 95-C55A, G58, D55, D55A, E55, E55A, 56TC, A56TC, 58, 58A, 95, B95	3A16	CAR 3, 14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 2203-XXX, CC284022 2204-XXX, CC284022 2205-XXX, CC284022 2206-XXX, CC284022 2207-XXX, CC284022 2208-XXX, CC284022 2209-XXX, CC284022 2210-XXX, CC284022 2211-XXX, CC284022 2212-XXX, CC284022 2213-XXX, CC284022 2214-XXX, CC284022 2219-XXX (Tip), CC284022 2225-XXX, CC284022 2226-XXX, CC284022 2227-XXX	1-19, 21-25, 32	3/14/2017	4/10/2020
20	Textron Aviation Inc. (formerly Beechcraft)	58P, 58PA, 58TC, 58TCA	A23CE	14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 2204-XXX, CC284022 2205-XXX, CC284022 2206-XXX, CC284022 2207-XXX, CC284022 2208-XXX	1-19, 21-25, 32	3/14/2017	4/10/2020

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					Number	Revision*	Number	Revision**				
21	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-4-210, 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, 14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 2401-XXX	1-19, 21-25, 32	3/14/2017	4/10/2020

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					Number	Revision*	Number	Revision**				
22	Mooney Intl. Corp.	M20, M20A, M20B, M20C, M20D, M20E, M20F, M20G, M20J, M20K, M20L, M20M, M20R, M20S, M20TN	2A3	CAR 3, 14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0701-XXX, CC284022 0702-XXX, CC284022 0705-XXX, CC284022 0706-XXX, CC284022 0707-XXX, CC284022 0708-XXX, CC284022 0709-XXX	1-19, 21-25, 30, 32	3/14/2017	4/10/2020
23	Pilatus Aircraft Ltd.	PC-6	7A15	CAR 10, CAR 3	CC-TR-2840-031	E	CC2840 00 03		CC284022 2301-XXX	1-19, 21-25, 32	3/14/2017	4/10/2020
24	Piper Aircraft, Inc.	PA-23, PA-23-160, PA-23-235, PA-23-250, PA-23-250 (Navy U0-1), PA-E23-250	1A10	CAR 3	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0808-XXX, CC284022 0809-XXX, CC284022 0824-XXX	1-19, 21-25, 32	3/14/2017	4/10/2020
25	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	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0816-XXX	1-19, 21-25, 30, 32	3/14/2017	4/10/2020

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					Number	Revision*	Number	Revision**				
26	Piper Aircraft, Inc.	PA-24, PA-24-250, PA-24-260, PA-24-400	1A15	CAR 3	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0812-XXX, CC284022 0813-XXX, CC284022 0820-XXX, CC284022 2219-XXX (Tip)	1-19, 21-25, 30, 32	3/14/2017	4/10/2020
27	Lavia Argentina S.A. (Piper)	PA-25	2A10	CAR 8	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0817-XXX	1-19, 21-25, 32	4/19/2018	4/10/2020
28	Piper Aircraft, Inc.	PA-28-140, PA-28-150, PA-28-160, PA-28-180, PA-28-235, PA-28S-160, PA-28S-180, PA-28R-18, PA-28R-200, PA-28-151, PA-28-161, PA-28-181, PA-28R-201, PA-28R-201T, PA-28-236, PA-28RT-201, PA-28RT- 201T, PA-28-201T	2A13	CAR 3, 14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0810-XXX, CC284022 0811-XXX	1-19, 21-25, 27, 30, 32	3/14/2017	4/10/2020
29	Piper Aircraft, Inc.	PA-30, PA-39, PA-40	A1EA	CAR 3, 14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0812-XXX, CC284022 0813-XXX, CC284022 2219-XXX (Tip)	1-19, 21-25, 32	3/14/2017	4/10/2020

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					Number	Revision*	Number	Revision**				
30	Piper Aircraft, Inc.	PA-31, PA-31-300, PA-31- 325, PA-31-350	A20SO	CAR 3, 14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0804-XXX, CC284022 0805-XXX, CC284022 0806-XXX, CC284022 0807-XXX	1-19, 21-25, 32	3/14/2017	4/10/2020
31	Piper Aircraft, Inc.	PA-32-301XTC, PA-32- 301FT, PA-32S-300, PA-32-260, PA-32-300, 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	A3SO	CAR 3, 14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0810-XXX, CC284022 0811-XXX	1-19, 21-25, 27, 28, 30, 32	3/14/2017	4/10/2020
32	Piper Aircraft, Inc.	PA-34-200, PA-34-200T, PA-34-220T	A7SO	14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0810-XXX, CC284022 0811-XXX	1-19, 21-25, 29, 32	3/14/2017	4/10/2020
33	Piper Aircraft, Inc.	PA-44-180, PA-44-180T	A19SO	14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0814-XXX, CC284022 0815-XXX	1-19, 21-25, 27, 32	3/14/2017	4/10/2020
34	Vulcanair S.p.A	P.68, P.68 "Observer 2", P.68B, P.68C, P.68 "Observer", P.68TC "Observer", P.68C-TC	A31EU	14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0401-XXX	1-19, 21-25, 32	3/14/2017	4/10/2020

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					Number	Revision*	Number	Revision**				
35	Fairchild Personal Planes	24 C8C, 24 C8CS	A-535	Aero Bulletin 7-A	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 2101-XXX	1-19, 21-25, 32	3/14/2017	4/10/2020
36	GA 8 Airvan (Pty) Ltd (formerly Gippsland)	GA8, GA8-TC320	A00011LA	14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0301-XXX, CC284022 0302-XXX	1-19, 21-25, 32	3/14/2017	4/10/2020
37	B-N Group Ltd.	BN2A MK III, BN2A MK II I-2, BN2A MK II I-3	A29EU	14 CFR 23	CC-TR-2840-03 1	E	CC2840 00 03	P	CC284022 2001-XXX, CC284022 2002-XXX, CC284022 2003-XXX, CC284022 2004-XXX	1-19, 21-25, 32	3/14/2017	4/10/2020
38	American Champion Aircraft Corp.	8KCAB, 8GCBC	A21CE	14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 2501-XXX	1-19, 21-25, 30, 32	3/14/2017	4/10/2020
39	American Champion Aircraft Corp.	7ECA, 7GCAA, 7KCAB, 7GCBC	A-759	CAR 4a, 14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 2501-X XX	1-19, 21-25, 30, 32	3/14/2017	4/10/2020
40	Textron Beechcraft Corp.	45 (YT-34), A45 (T-34A, B-45), D45 (T-34B)	5A3	CAR 3	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 2203-XXX, CC284022 2219-XXX (Tip)	1-19, 21-25, 30, 32	3/14/2017	4/10/2020

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					Number	Revision*	Number	Revision**				
41	Textron Aviation Inc. (formerly Beechcraft)	35, A35, B35, C35, D35, E35, F35, G35, 35R	A-777	CAR 3	CC-TR-2840-031	E	CC2840 00 03	PP	CC284022 2201-XXX, CC284022 2202-XXX, CC284022 2203-XXX, CC284022 2215-XXX, CC284022 2216-XXX, CC284022 2217-XXX, CC284022 2218-XXX, CC284022 2219-XXX (Tip), CC284022 2230-XXX (Tip), CC284022 2221-XXX	1-19, 21-25, 30, 32	3/14/2017	4/10/2020
42	B-N Group Ltd.	BN-2, BN-2A, BN-2A-6, BN-2A-8, BN-2A-2, BN-2A-9, BN-2A-3, BN-2A-20 BN-2T-4R, BN-2A-21, BN-2A-26, BN-2A-27, BN-2B-20, BN-2B-21, BN-2B-26, BN-2B-27, BN-2T	A17EU	14 CFR 23	CC-TR-2 840-031	E	CC2840 00 03	P	CC284022 2001-XXX, CC284022 2002-XXX, CC284022 2003-XXX, CC284022 2004-XXX	1-19, 21-25, 32	11/7/2017	4/10/2020

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					Number	Revision*	Number	Revision**				
43	True Flight Holdings LLC	AA-5, AA-5A, AA-5B, AG-5B	A16EA	14 CFR 23	CC-TR-2 840-031	E	CC2840 00 03	P	CC284022 3708-XXX	1-19, 21-25, 30, 32	4/19/2018	4/10/2020
44	Piper Aircraft Inc.	PA-46-310P, PA-46-350P, PA-46R-350T	A25SO	14 CFR 23	CC-TR-2 840-031	E	CC2840 00 03	P	CC284022 0818-XXX, CC2840990801 (INSTALLATION), CC2840990802 (INSTALLATION), CC2840450818-001 (BRACKET), CC284022 0821-XXX	1-19, 21-26, 32	4/19/2018	4/10/2020
45	Textron Aviation Inc. (Formerly Cessna)	LC40-550FG, LC41-550FG, LC42-550FG, T240	A00003SE	14 CFR 23	CC-TR-2 840-031	E	CC2840 00 03	P	CC2840220618-XXX, CC2840220619-XXX, CC2840570618 (FEED THRU INSTALL.)	1-19, 21-25, 32	4/19/2018	4/10/2020
46	Textron Aviation Inc. (Formerly Cessna)	337, 337E, 337A (USAF 02B), T337E,337B 337F, M337B (USAF 02A), T337F,T337 B 337G, 337C,T337G T337C, 337D,T337D 337H, P337H,T337 H T337H-SP	A6CE	CAR 3, 14 CFR 23	CC-TR-2 840-031	E	CC2840 00 03	P	CC2840220621-XXX, CC2840450601-103 (BRACKET)	1-19, 21-25, 32	4/19/2018	4/10/2020

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					Number	Revision*	Number	Revision**				
47	Textron Aviation Inc. (Formerly Cessna)	190 (LC-126A,B,C), 195, 195A, 195B	A-790	CAR 3	CC-TR-2840-03 1	E	CC2840 00 03	P	CC2840220622-XXX, CC2840450601-101 (BRACKET), CC2840450602-101 (BRACKET)	1-19, 21-25, 30	4/19/2018	7/24/2019
48	SOCATA	TB 9, TB 10, TB 20, TB 21, TB 200	A51EU	14 CFR 23	CC-TR-2840-03 1	E	CC2840 00 03	P	CC2840223801-XXX	1-19, 21-25, 32	4/19/2018	4/10/2020
49	Commander Aircraft Corp.	112, 112TC, 112B, 112TCA, 114, 114A, 114B, 114TC	A12SO	14 CFR 23	CC-TR-2840-03 1	E	CC2840 00 03	P	CC2840222501-XXX	1-19, 21-25, 30, 32	4/19/2018	4/10/2020
50	Textron Aviation Inc. (formerly Cessna)	208, 208B	A37CE	14 CFR 23	CC-TR-2840-03 1	E	CC2840 00 03	P	CC2840220625-XXX, CC2840220626-XXX, CC2840220627-XXX, CC2840450003-001 (BRACKET)	1-19, 21-25, 32	10/22/2018	4/10/2020

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					Number	Revision*	Number	Revision**				
51	Textron Aviation Inc. (formerly Cessna)	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, E310H, T310Q, 310I, 310R, T310R	3A10	CAR 3, 14 CFR 23	CC-TR-2840-03 1	E	CC2840 00 03	P	CC2840220640-XXX, CC2840220641-XXX, CC2840220642-XXX, CC2840220643-XXX, CC2840220644-XXX, CC2840450608-XXX (BRACKET), CC2840450601-001 (BRACKET), CC2840330644 (INSTALLATION)	1-19, 21-25, 32	10/22/2018	4/10/2020

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					Number	Revision*	Number	Revision**				
52	Textron Aviation Inc. (formerly Cessna)	320, 320-1, 335, 320A, 320B, 320C, 320D, 320F, 320E, 340, 340A	3A25	CAR 3, 14 CFR 23	CC-TR-2840-03 1	E	CC2840 00 03	P	CC2840220640-XXX, CC2840220641-XXX, CC2840220642-XXX, CC2840220643-XXX, CC2840220644-XXX, CC2840220622-XXX, CC2840450601-001 (BRACKET), CC2840330644 (INSTALLATION)	1-19, 21-25, 32	10/22/2018	4/10/2020

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					Number	Revision*	Number	Revision**				
53	Textron Aviation Inc. (formerly Cessna)	401, 401A, 401B, 402, 402A, 402B, 402C, 411, 411A, 414, 414A, 421, 421A, 421B, 421C	A7CE	14 CFR 23	CC-TR-2840-03 1	E	CC2840 00 03	P	CC2840220641-XXX, CC2840220642-XXX, CC2840220643-XXX, CC2840220644-XXX, CC2840220645-XXX, CC2840220646-XXX, CC2840220647-XXX, CC2840220649-XXX, CC2840220650-XXX, CC2840220622-XXX, CC2840450601-001 (BRACKET), CC2840330645 (INSTALLATION), CC2840330644 (INSTALLATION)	1-19, 21-25, 32	10/22/2018	4/10/2020

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					Number	Revision*	Number	Revision**				
54	Textron Aviation Inc. (formerly Cessna)	T303	A34CE	14 CFR 23	CC-TR-2840-03 1	E	CC2840 00 03	P	CC2840220630-XXX, CC2840220631-XXX	1-19, 21-25, 32	10/22/2018	4/10/2020
55	Textron Aviation Inc. (formerly Beechcraft)	50 (L-23A), B50 (L-23B), C50, D50 (L-23E), D50A, D50B, D50C, D50E, D50E-5990, E50 (L-23D, RL-23D), F50, G50, H50, J50	5A4	CAR 3	CC-TR-2840-03 1	E	CC2840 00 03	P	CC2840222231-XXX, CC2840222332-XXX	1-19, 21-25, 32	10/22/2018	4/10/2020
56	AERMACCHI S.p.A	F.260, F.260B, F.260C, F.260D, F.260E, F.260F	A10EU	14 CFR 23	CC-TR-2840-03 1	E	CC2840 00 03	P	CC2840224504-XXX, CC2840224503-XXX, CC2840224502-XXX, CC2840224501-XXX	1-19, 21-25, 30, 32	10/22/2018	4/10/2020
57	AERMACCHI S.p.A	S.205– 8/F, S.205 – 18/R, S.205-20/F, S.205–20/R, S.205–22/R, S.208, S.208A	A9EU	14 CFR 23	CC-TR-2840-03 1	E	CC2840 00 03	P	CC2840224510-XXX	1-19, 21-25, 30, 32	10/22/2018	4/10/2020
58	Univair (Stinson)	108, 108-1, 108-2, 108-3, 108-5	A-767	CAR 3	CC-TR-2840-03 1	E	CC2840 00 03	P	CC2840224705-XXX	1-19, 21-25, 30, 32	10/22/2018	4/10/2020

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					Number	Revision*	Number	Revision**				
59	Sierra Hotel Aero (formerly Navion)	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	CC-TR-2840-03 1	E	CC2840 00 03	P	CC2840222803-XXX, CC2840222802-XXX	1-19, 21-25, 30, 32	10/22/2018	4/10/2020
60	Consolidated Vultee Aircraft Corp. – Stinson Division	V-77	A-774	CAR 3	CC-TR-2840-03 1	E	CC2840 00 03	P	CC2840224701-XXX	1-19, 21-25, 32	10/22/2018	4/10/2020
61	Reims Aviation SA	F406	A54EU	14 CFR 23	CC-TR-2840-03 1	E	CC2840 00 03	P	CC2840220640-XXX, CC2840220642-XXX, CC2840220622-XXX	1-19, 21-25, 32	10/22/2018	4/10/2020
62	Twin Commander Aircraft LLC	560-F, 685, 680, 690, 680E, 690A, 680F, 690B, 680F(P), 690C, 680FL, 690D, 680FL(P), 695, 680T, 695A, 680V, 695B, 680W, 720, 681	2A4	CAR 3, 14 CFR 23	CC-TR-2840-03 1	E	CC2840 00 03	P	CC2840222510-XXX	1-19, 21-25, 32	10/22/2018	4/10/2020

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63	Helio Aircraft LLC	H-250 (USAF U-10D), H-295, HT-295 (USAFYL-24), H-391, H-391B (USAF L-28A or U-10B), H-395, H-395A, H-700, H-800	1A8	CAR 3	CC-TR-2840-03 1	E	CC2840 00 03	P	CC2840224801-XXX	1-19, 21-25, 30, 32	10/22/2018	4/10/2020
64	Viking Air Limited (formerly de Havilland)	DHC-2 Mk. I, DHC-2 Mk. II, DHC-2 Mk. III	A-806	CAR 3	CC-TR-2840-03 1	E	CC2840 00 03	P	CC2840224601-XXX	1-19, 21-25, 32	10/22/2018	4/10/2020

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					Number	Revision*	Number	Revision**				
65	Piper Aircraft, Inc.	PA-18, PA-18S, PA-18 "105" (Special), PA-18S "105" (Special), PA-18A, 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	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0816-XXX	1-19, 21-25, 30, 32	10/22/2018	4/10/2020
66	Textron Aviation Inc. (formerly Beechcraft)	76	A29CE	FAR Part 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 2233-XXX, CC284022 2234-XXX	1-19, 21-25, 32	10/22/2018	4/10/2020

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					Number	Revision*	Number	Revision**				
67	Vulcanair S.P.a	V1.0	A00075CE	14 CFR 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0402-XXX	1-19, 21-25, 32	3/13/2019	4/10/2020
68	Micco Aircraft Co., Inc.	MAC-145, MAC-125C, MAC145A, MAC-145B	3A1	CAR 4A	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 5401-XXX	1-19, 21-25, 32	7/24/2019	4/10/2020
69	Frakes Aviation	G-73	A-783	CAR 4A	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 3709-XXX	1-19, 21-25, 32	7/24/2019	4/10/2020
70	Amphibian Aircraft Technologies, LLC.	HU-16A, HU-16B, HU-16C (UF-1, UF-1G), HU-16D (UF-2), HU-16E (UF-2G)	A33SO	CAR 4A	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 3710-XXX	1-19, 21-25, 32	7/24/2019	4/10/2020
71	Textron Aviation Inc. (formerly Beechcraft)	19A, B23, B19, C23, M19A, A24, 23, A24R, A23, B24R, A23A, C24R, A23-19, A23-24	A1CE	CAR 3	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 2233-XXX	1-19, 21-25, 30, 32	7/24/2019	4/10/2020
72	Piper Aircraft, Inc.	PA-38-112	A18SO	FAR Part 23	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 0822-XXX, CC284022 0823-XXX	1-8, 10-19, 21-25, 30, 32	4/10/2020	
73	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	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 5801-XXX, CC284022 5802-XXX	1-8, 10-19, 21-25, 30, 32	4/10/2020	

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74	Howard Aircraft Foundation	500	A1SW	CAR 4b	CC-TR-2840-031	E	CC284000 03	P	CC284022 5803-XXX, CC284022 5804-XXX, CC284022 5805-XXX	1-8, 10-19, 21-25, 30, 32	4/10/2020	
75	Frakes Aviation	G-44 (Army OA-14 Navy J4F-2) G-44A	A-734	CAR 4a	CC-TR-2840-031	E	CC284000 03	P	CC284022 3713-XXX	1-8, 10-19, 21-25, 30, 32	4/10/2020	
76	Sky Enterprises, Inc.	RC-3	A-769	CAR 3	CC-TR-2840-031	E	CC284000 03	P	CC284022 4001-XXX	1-8, 10-19, 21-25, 30, 32	4/10/2020	
77	Costruzioni Aeronautiche Tecnam S.p. A.	P2006T	A62CE	14 CFR 23	CC-TR-2840-031	E	CC284000 03	P	CC284022 1304-XXX, CC284022 1305-XXX	1-8, 10-19, 21-25, 30, 32	4/10/2020	
78	Costruzioni Aeronautiche Tecnam S.p. A.	P2010	A00066CE	14 CFR 23	CC-TR-2840-031	E	CC284000 03	P	CC284022 1304-XXX, CC284022 1305-XXX	1-8, 10-19, 21-25, 30, 32	4/10/2020	
79	Costruzioni Aeronautiche Tecnam S.p. A.	P2012	A00076CE	14 CFR 23	CC-TR-2840-031	E	CC284000 03	P	CC284022 1302-XXX, CC284022 1303-XXX	1-8, 10-19, 21-25, 30, 32	4/10/2020	
80	Waco Aircraft Company, The	YMF	ATC 542	Aero Bull. 7-A	CC-TR-2840-031	E	CC284000 03	P	CC284022 5501-XXX	1-8, 10-19, 21-25, 30, 32	4/10/2020	
81	Catalina Aircraft Trust, LLC	28-5ACF	785	CAR 4a	CC-TR-2840-031	E	CC284000 03	P	CC284022 5701-XXX	1-8, 10-19, 21-25, 30, 32	4/10/2020	
82	Zlin Aircraft a.s.	Z-242L, Z-143L	A76EU	FAR Part 23	CC-TR-2840-031	E	CC284000 03	P	CC284022 6001-XXX, CC284022 6002-XXX, CC284022 6003-XXX	1-8, 10-19, 21-25, 30, 32	4/10/2020	

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					Number	Revision *	Number	Revision**				
83	Textron Aviation Inc.	D17S (Army UC-43, UC*43B, Navy GB-1, GB-2) SD17S	A-649	Aero Bull. 7-A	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 2235-XXX, CC284022 2237-XXX, CC284022 2238-XXX, CC284022 2239-XXX	1-8, 10-19, 21-25, 30, 32	4/10/2020	
84	Revo, Incorporated	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	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 6101-XXX, CC284022 6102-XXX	1-8, 10-19, 21-25, 30, 32	4/10/2020	
85	Twin Commander Aircraft LLC	560-F, 685, 680, 690, 680E, 690A, 680F, 690B, 680F(P), 690C, 680FL, 690D, 680FL(P), 695, 680T, 695A, 680V, 695B, 680W, 720, 681	2A4	CAR 3	CC-TR-2840-031	E	CC2840 00 03	P	CC284022 2510-XXX, CC284022 3901-XXX	1-8,10-19,21-25,30,32	4/10/2020	

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					Number	Revision *	Number	Revision**				
86	Twin Commander Aircraft LLC	500, 500A, 500B, 500U, 520, 560, 560A, 560E, 500S	6A1	CAR 3	CC-TR-2840-031	E	CC284000 03	P	CC284022 2510-XXX, CC284022 3901-XXX	1-8, 10-19, 21-25, 30, 32	4/10/2020	
87	Textron Aviation Inc.	65 (L-23F), 65-A90-1 (JU-21A), A65 (U-21A), A-65-8200 (RU-21A), 65-80 (RU-21D), 65-A80 (U-21G), 65-A80-8800 (RU-21H), 65-B80, 65-A90-2 (RU-21B), 65-88, 65-A90-3 (RU-21C), 65-90, 65-A90-4 (RU-21E), 65-A90 (RU-21H), 70 C90, B90, C90A, E90, C90GT, H90 (T-44A), C90GT	3A20	CAR 3	CC-TR-2840-031	E	CC284000 03	P	CC284022 2240-XXX, CC284022 2241-XXX, CC284022 2242-XXX	1-8, 10-19, 21-25, 30, 32	4/10/2020	

* Or later FAA Accepted ICA and FAA Approved Airworthiness Limitations Revision
** Or later FAA Approved Revision

Note: CiES part numbering system for STC AML is CC284022 – (ZZ ZZ) – (Y XX), where (ZZ ZZ) designates the Aircraft manufacturer, Aircraft Model, and Physical Location, (XX) designates Minor change designation, and (Y) typically designates sender Output Signal Type.

FAA Approved: REBEL R NICHOLS Digitally signed by REBEL R NICHOLS Date: 2020.04.10 13:45:59 -07'00'

For Acting Manager, Seattle Aircraft Certification Office

AMENDED: 11/17/17; 4/19/18; 10/22/18; 12/12/18; 3/13/19; 7/24/19; 4/10/20

REISSUED:

Item	Cockpit Display Manufacturer	Cockpit Display Model	Data Converter (LRU[1])	Fuel Sender Output Capability	Instrument Input Capability
1	JP Instruments	EDM 900	N/A	Voltage 0-5 VDC	0-4.7 VDC
2	JP Instruments	EDM 930	N/A	Voltage 0-5 VDC	0-4.7 VDC
3	JP Instruments	EDM 900	N/A	Digital Frequency 64Hz-10kHz	0-100 kHz
4	JP Instruments	EDM 930	N/A	Digital Frequency 64Hz-10kHz	0-100 kHz
5	Electronics International	MVP-50	EDC-33P	Voltage 0-5 VDC	0-18 VDC
6	Electronics International	CGR-30	EDC-33P	Voltage 0-5 VDC	0-18 VDC
7	Electronics International	MVP-50	EDC-33P	Digital Frequency 64Hz-10kHz	0-6 kHz
8	Electronics International	CGR-30	EDC-33P	Digital Frequency 64Hz-10kHz	0-6 kHz
9	Ultra FEI	Auracle CRM2120	N/A	Voltage 0-5 VDC	0-5 VDC
10	Aerospace Logic	FL25X	N/A	Voltage 0-5 VDC	0-5 VDC
11	Aerospace Logic	FL20XD	N/A	Digital Frequency 64Hz-10kHz	10-300 Hz
12	Aerospace Logic	FL21X	N/A	Voltage 0-1 VDC	0-1 VDC
13	Aerospace Logic	FL20X	N/A	Voltage 0-1 VDC	0-1 VDC
14	Garmin	G1000	GEA 71	Voltage 0-5 VDC	0-5 VDC
15	Garmin	G950	GEA 71	Voltage 0-5 VDC	0-5 VDC
16	Garmin	G1000	GEA 71	Voltage 0-1 VDC	0-1 VDC
17	Garmin	G950	GEA 71	Voltage 0-1 VDC	0-1 VDC
18	Garmin	G1000	GEA 71	Digital Frequency 64Hz-10kHz	0-100 kHz
19	Garmin	G950	GEA 71	Digital Frequency 64Hz-10kHz	0-100 kHz
20	Rochester Gauges	FQ-40XX Series	N/A	Voltage 0-1 VDC	0-1 VDC
21	JP Instruments	EDM 960	EDM 950	Voltage 0-5 VDC	0-4.7 VDC
22	JP Instruments	EDM 960	EDM 950	Digital Frequency 64Hz-10kHz	0-100 kHz
23	Garmin	G500/G600 Txi	GEA 110	Voltage 0-5 VDC	0-5 VDC
24	Garmin	G500/G600 Txi	GEA 110	Digital Frequency 64Hz-10kHz	0-30,000 Hz
25	Garmin	G2000	GEA 71	Voltage 0-1 VDC	0-1 VDC
26	Avidyne	EX5000	AI740	Voltage 0-1 VDC	0-1 VDC

27	Avidyne	EX5000	AI380	Voltage 0-1 VDC	0-1 VDC
28	Avidyne	EX5000	AI215	Voltage 0-1 VDC	0-1 VDC
29	Avidyne	EX5000	AI700	Voltage 0-1 VDC	0-1 VDC
30	Garmin	G3X	GEA 24	Digital Frq 64Hz-10kHz, Vlt 0-5 VDC	0-100 kHz, 0-5 VDC
31	Dynon	Skyview HDX	N/A	Voltage 0-5 VDC	0-5 VDC
32	Garmin	GI 275	GEA 24	Digital Frq 64Hz-10kHz, Vlt 0-5 VDC	0-100 kHz, 0-5 VDC

[1]LRU – line replaceable unit receives or converts the fuel sender output signal to provide the input signal to the cockpit display instrument.