

FAA Approved Model List (AML) No. SE04577CH
 Electroair Acquisition Corporation
 Installation of Electroair Electronic Ignition System
 Issued: December 28, 2022

Item	Engine Make	Engine Model	Original Type Certificate Number	Certification Basis For Amendment	Installation Instructions		AML Amendment Date
					Title Number	Revision No. and Date	
1	Lycoming Engines	O-235 -A, -B, -AP, -BP, -C, -C1, -C1A, -C1B, -C1C, -C2A, -C2B, -C2C, -E1, -E1B, -E2A, -E2B, -F1, -F1B, -F2A, -F2B, -G1, -G1B, -G2A, -G2B, -H2C, -J2A, -J2B, -K2A, -K2B, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, -P3C	E-223	14 Code of Federal Regulations (CFR) Part 33	IM EIS-41000	Revision 16, 12/14/2022	
2	Lycoming Division	O-290 , -A, -AP, -B (O-290-1), -C (O-290-3), -CP, -D (O-290-11), -D2, -D2A, -D2B, -D2C	E-229	14 Code of Federal Regulations (CFR) Part 33	IM EIS-41000	Revision 16, 12/14/2022	
3	Lycoming Engines	O-320 -A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B3A, -B3B, B3C, -B2D, -B2E -C1A, -C1B, -C2A, -C2B, -C2C, -C3A, -C3B, -C3C, -D1A, -D1B, -D1C, -D1D, -D1F, -D2A, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD	E-274	14 Code of Federal Regulations (CFR) Part 33	IM EIS-41000	Revision 16, 12/14/2022	
4	Lycoming Engines	IO-320 -A1A-A2A-B1A, -B1B, B1C, -B1E, -B1D, -B2A, -C1A, -C1B, -D1A, -D1C, -D1B, -E1A, -E1B, -E2A, -E2B, -F1A LIO-320 -B1A, -C1A	1E12	14 Code of Federal Regulations (CFR) Part 33	IM EIS-41000	Revision 16, 12/14/2022	

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		AIO-320 -A1A, -A1B, -A2A, -A2B, -B1B, -C1B AEIO-320 -D1B, -D2B, -E1A, -E1B, -E2A, -E2B					
5	Lycoming Engines	O-360 -A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1G, -A1G6, -A1G6D, -A1H, -A1H6, -A1LD, -A1P, -A2A, -A2D, -A2E, -A2F, -A2G, -A2H, -A3A, -A3AD, -A3D, -A4A, -A4AD, -A4D, -A4G, -A4J, -A4K, -A4M, -A4N, -A4P, -A5AD, -B1A, -B1B, -B2A, -B2B, -B2C, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2B, -C2C, -C2D, -C2E, -C4P, -C4F, -D1A, -D2A, -D2B, -E1AD, -E1A6D, -E2AD, -E1BD, -E2BD, -F1A6, -G1A6, -J2A LO-360 -A1G6D, -A1H6, -E1AD, -E1A6D, -E2AD, -E1BD, -E2BD	E-286	14 Code of Federal Regulations (CFR) Part 33	IM EIS-41000	Revision 16, 12/14/2022	
6	Superior Air Parts Engines	O-360 -A1A1, A1A2, A2A1, A2A2, A3A1, A3A2, A4A1, A4A2, A5A1, A5A2 A6A1, A6A2, B1A1, B1A2, B2A1, B2A2, B3A1, B3A2, B4A1, B4A2, B5A1, B5A2, B6A1, B6A2, C1A1, C1A2, C2A1, C2A2, C3A1, C3A2, C4A1, C4A2, C5A1, C5A2, C6A1, C6A2, D1A1, D1A2, D2A1, D2A2, D3A1, D3A2, D4A1, D4A2, D5A1, D5A2, D6A1, D6A2, E1A1,	E00001SC	14 Code of Federal Regulations (CFR) Part 33	IM EIS-41000	Revision 16, 12/14/2022	

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		E1A2, E2A1, E2A2, E3A1, E3A2, E4A1, E4A2, E5A1, E5A2, E6A1, E6A2 IO-360 -A1A1, A1A2, A2A1, A2A2, A3A1, A3A2, A4A1, A4A2, A5A1, A5A2 A6A1, A6A2, B1A1, B1A2, B2A1, B2A2, B3A1, B3A2, B4A1, B4A2, B5A1, B5A2, B6A1, B6A2, C1A1, C1A2, C2A1, C2A2, C3A1, C3A2, C4A1, C4A2, C5A1, C5A2, C6A1, C6A2, D1A1, D1A2, D2A1, D2A2, D3A1, D3A2, D4A1, D4A2, D5A1, D5A2, D6A1, D6A2, E1A1, E1A2, E2A1, E2A2, E3A1, E3A2, E4A1, E4A2, E5A1, E5A2, E6A1, E6A2					
7	Lycoming Engines	IO-360 -A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6, -A3B6D, -A3D6D, -B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6 -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -C1G6, -D1A, -E1A, -F1A, -J1AD, -J1A6D, -K2A, -L2A, -M1A, -M1B, -N1A, -P1A LIO-360 -B1G6, -C1E6, -M1A AIO-360 -A1A, -A1B, -A2A, -A2B, -B1B	1E10	14 Code of Federal Regulations (CFR) Part 33	IM EIS-41000	Revision 16, 12/14/2022	

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					Title Number	Revision No. and Date	
		AEIO-360-A1A, -A1B, -A1B6, -A1E6, -A1C, -A1D, -A1E, -A2A, -A2B, -A2C, -B1B, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B1H, -B4A, -H1A, -H1B					
8	Lycoming Engines	IO-390-A1A6, -A3A6, -A1B6, A3B6, -C1A6, -C3A6, -C1B6, -C3B6, -D1A6, -D3A6, -D1B6, -D3B6 AEIO-390-A1A6, -A3A6, -A1B6, -A3B6	E00006NY	14 Code of Federal Regulations (CFR) Part 33	IM EIS-41000	Revision 16, 12/14/2022	
9	Lycoming Engines	O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -A4E5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5, -B4A5, -B4A5, -B4B5, -D1A5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1A5, -H2A5, -H1A5D, -H2A5D, -H1B5D, -H2B5D, -J1A5D, -J2A5D, -J1B5D, -J2B5D, -J3A5D, -J3A5, -J1C5D -J2C5D, -J1D5D, -J2D5D, -J3C5D, -L3C5D	E-295	14 Code of Federal Regulations (CFR) Part 33	IM EIS-61000	Revision 18, 12/14/2022	
10	Lycoming Engines	IO-540-A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5, -C4B5D, -C4D5, -C4C5, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5 -J4A5, -K1A5, -K1A5D, -K1B5, -K1B5D, -K1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -	1E4	14 Code of Federal Regulations (CFR) Part 33	IM EIS-61000	Revision 18, 12/14/2022	

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		K1G5D, -K1H5, -K1J5, -K1J5D, -K1K5, -K2A5, -L1A5, -L1A5D, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5D, -M1C5, -M2A5D, -N1A5, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -V4A5, -W1A5, -W1A5D, -W3A5D, -AA1A5, -AA1B5, -AB1A5, -AC1A5, -AE1A5, -AF1A5, -AG1A5 AEIO-540 -D4A5, -D4B5, -D4C5, -D4D5, -L1B5D, -L1B5, -L1D5					
11	Lycoming Engines	TIO-540 -A1A, -A1B, -A2A, -A2B, -A1C, -A2C, -C1A, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A, -AA1AD, -AB1AD, -AB1BD -AE2A, -AF1A, -AF1B, -AG1A, -AH1A, -AJ1A, AK1A LTIO-540 -F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -U2A, -V2AD, -W2A	E14EA	14 Code of Federal Regulations (CFR) Part 33	IM EIS-61000	Revision 18, 12/14/2022	
12	Lycoming Engines	TIO-541 -A1A, -E1A4, -E1B4, -E1C4, -E1D4	E10EA	14 Code of Federal Regulations (CFR) Part 33	IM EIS-61000	Revision 18, 12/14/2022	
13	Lycoming Engines	TIGO-541 -B1A, -C1A, -D1A, -D1B, -E1A, -G1AD	E19EA	14 Code of Federal	IM EIS-61000	Revision 18, 12/14/2022	

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				Regulations (CFR) Part 33			
14	Lycoming Engines	IO-580-A1A, -B1A AEIO-580-B1A	E00004NY	14 Code of Federal Regulations (CFR) Part 33	IM EIS-61000	Revision 18, 12/14/2022	
15	Continental Aerospace Technologies, Inc.	A-65-1, -3, -6, -6J, -7, -8 (O-170-3, O-170-7), -8F, -8FJ, -8J, -9 (O-170-5), -9F, -9FJ, -9J, -12, -12F, 12FJ, -12J, -14, -14F, -14FJ, -14J	E-205	14 Code of Federal Regulations (CFR) Part 33	IM EIS-41000	Revision 16, 12/14/2022	
16	Continental Aerospace Technologies, Inc.	A75-3, -6, -6J, -8, -8F, -8J, -8FJ, -9, -9J	E-213	14 Code of Federal Regulations (CFR) Part 33	IM EIS-41000	Revision 16, 12/14/2022	
17	Continental Motors Inc	A-80-5J, -8, -8J, -9, -9J	TC 217	14 Code of Federal Regulations (CFR) Part 33	IM EIS-41000	Revision 16, 12/14/2022	
18	Continental Aerospace Technologies, Inc.	C75-8, -8F, -8FH, -8FHJ, -8FJ, -8J C75-12, -12F, -12FH, -12FHJ, -12FJ, -12J C75-12B, -12BF, -12BFH, -15, -15F C85-8, -8F, -8FHJ, -8FJ, -8J, -12, -12F, -12FH, -12FHJ, -12FJ, -12J, -14F, -15, -15F	E-233	14 Code of Federal Regulations (CFR) Part 33	IM EIS-41000	Revision 16, 12/14/2022	
19	Continental Aerospace	C90-8F, -8FJ, -12F, -12FH, -12FJ, -12FP, -14F, -14FH, -14FJ, -16F O-200-A, -B, -C, -D, -X	E-252	14 Code of Federal	IM EIS-41000	Revision 16, 12/14/2022	

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	Technologies, Inc.			Regulations (CFR) Part 33			
20	Continental Aerospace Technologies, Inc.	IO-240-A, -B IOF-240-B	E7SO	14 Code of Federal Regulations (CFR) Part 33	IM EIS-41000	Revision 16, 12/14/2022	
21	Continental Aerospace Technologies, Inc.	E165-2, -3, -4 E185-1, -2, -3 (Military O-470-7, -7A), -5, -8, -9 (Military O-470-7B), -10, -11	E-246	14 Code of Federal Regulations (CFR) Part 33	IM EIS-61000	Revision 18, 12/14/2022	
22	Continental Aerospace Technologies, Inc.	E225-2, -4, -8, -9	E-267	14 Code of Federal Regulations (CFR) Part 33	IM EIS-61000	Revision 18, 12/14/2022	
23	Continental Aerospace Technologies, Inc.	C145-2, -2H, -2HP O-300-A, -B, -C, -D, -E	E-253	14 Code of Federal Regulations (CFR) Part 33	IM EIS-61000	Revision 18, 12/14/2022	
24	Continental Aerospace Technologies, Inc.	GO-300-A, -B, -C, -D, -E, -F	E-298	14 Code of Federal Regulations (CFR) Part 33	IM EIS-61000	Revision 18, 12/14/2022	
25	Continental Aerospace Technologies, Inc.	IO-360-A, -B, -C, -O, -E, -O, -H, -J, -K, -AB, -AF, -CB, -DB, -GB, -HB, -JB, -KB, -ES	E1CE	14 Code of Federal Regulations (CFR) Part 33	IM EIS-61000	Revision 18, 12/14/2022	
26	Continental Aerospace	TSIO-360-A, -AB, -B, -BB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -G, -GB, -H, -	E9CE	14 Code of Federal	IM EIS-61000	Revision 18, 12/14/2022	

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	Technologies, Inc.	HB, -JB, -KB, -LB, -MB, -NB, -PB, -RB, -SB LTSIO-360-E, -EB, -KB, -RB		Regulations (CFR) Part 33			
27	Continental Aerospace Technologies, Inc.	O-470-4, -11, 11B, 11-CI, 11B-CI, -13, -13A, -15	E-269	14 Code of Federal Regulations (CFR) Part 33	IM EIS-61000	Revision 18, 12/14/2022	
28	Continental Aerospace Technologies, Inc.	O-470-A, -B-CI, -B, -E, -G-CI, -G, -H, -J, -K-CI, -K, -L-CI, -L, -M-CI, -M, -N, -P, -R, -S, -T, -U IO-470-A, -C	E-273	14 Code of Federal Regulations (CFR) Part 33	IM EIS-61000	Revision 18, 12/14/2022	
29	Continental Aerospace Technologies, Inc.	IO-470-D, E, F, -G, -H, -J, -K, -L, -LO, -M, -N, -P, -R, -S, -T, -U, -V, -VO L/IO-470-A	3E1	14 Code of Federal Regulations (CFR) Part 33	IM EIS-61000	Revision 18, 12/14/2022	
30	Continental Aerospace Technologies, Inc.	TSIO-470-B, -C, -D	3E3	14 Code of Federal Regulations (CFR) Part 33	IM EIS-61000	Revision 18, 12/14/2022	
31	Continental Aerospace Technologies, Inc.	IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB, -N, -NB L/IO-520-P	E5CE	14 Code of Federal Regulations (CFR) Part 33	IM EIS-61000	Revision 18, 12/14/2022	
32	Continental Aerospace Technologies, Inc.	TSIO-520-A, -AE, -AF, -B, -BB, -BE, -C, -CE, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -U, -UB, -VB, -WB LTSIO-520-AE	E8CE	14 Code of Federal Regulations (CFR) Part 33	IM EIS-61000	Revision 18, 12/14/2022	

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33	Continental Aerospace Technologies, Inc.	IO-550-A, -B, -C, -D, -E, -F, -G, -L, -N, -P, -R IOF-550-B, -C, -D, -E, -F, -L, -N -P, -R	E3SO	14 Code of Federal Regulations (CFR) Part 33	IM EIS-61000	Revision 18, 12/14/2022	
34	Continental Aerospace Technologies, Inc.	TSIO-550-A, -B, -C, -E, -G, -J, -K, -N TSIOF-550-D, -J, -K, -P	E5SO	14 Code of Federal Regulations (CFR) Part 33	IM EIS-61000	Revision 18, 12/14/2022	

Note: Installation of an engine modified by this STC requires installation of either Electroair aircraft STC SA02987CH or STC SA03286CH

FAA Approved: _____
 Anthony Flores
 Acting Manager,
 Propulsion & Program Management Branch
 Chicago Aircraft Certification Office