

RAPCO INC. PNEUMATICS APPLICATION GUIDE

New - FAA-PMA Approved Dry Air Pumps, Filters, Regulators and Manifold Check Valves
Overhauled - FAA Approved Dry Air Pumps and Manifold Check Valves with FAA Form 8130-3

Section 1: Type Certificated Aircraft

Section 2: Beechcraft Bonanza Standby System By RAPCO - Replacement Parts

Section 3: Kit Plane Vacuum System Kit By RAPCO - Replacement Parts

Section 4: Dry Air Pump Application Guide for Kit Plane and Experimental Aircraft Engines

For reference only. For installation eligibility refer to the FAA-PMA Supplement.

Some aircraft models or particular serial numbers may have applications other than those listed in this guide.

Consult the appropriate aircraft parts catalogue, maintenance manual or equipment list when selecting a part for installation.

To convert an Airborne or Parker part number to RAPCO, on new dry air pumps add RAP to the beginning of the number, on other new RAPCO products add RA.

Section 1:

Type Certificated Aircraft

Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Manifold Overhaul
		New	Overhaul			
Aero Commander / Gulfstream / Rockwell						
500	LYC O-540-A	RAP215CC	211CC	RA-B3-5-1		
500-A	TCM IO-470-M	RAP216CW	212CW	RA-B3-5-1		
500-B, -J	LYC IO-540-B, -E	RAP215CC	211CC	RA-B3-5-1		
500-S	LYC IO-540-E	RAP215CC	211CC			
520	LYC GO-435-C	RAP216CW	212CW			
700 Non Deice	LYC TIO-540-R	RAP241CC-3	241CC-3	RA1J4-7, RA-D-9-14-5		
Deice	LYC TIO-540-R			RA1J4-7, RA-D-9-14-5		
Aeronca - see Bellanca						
Aerospatial - see Socata						
Aerostar / Ted Smith Aerostar / Piper Aerostar						
360, 400	LYC O-360-D, -E	RAP215CC	211CC			
600 thru 701P - see Piper PA-60						
PA-60-600, -601 Aerostar Non Deice	LYC IO-540-G, -P	RAP241CC-13	241CC-13	RA-D-9-14-5, RA1J4-4	RA2H30-6	
PA-60-601P, PA-60-602P Non Deice	LYC IO-540-P, -A	RAP241CC-13	241CC-13	RA-D-9-14-5, RA1J4-4		
Deice	LYC IO-540-P, -A	RAP441CC-17	441CC-17	RA-D-9-14-5, RA1J4-4		
PA-60-700P	LYC TIO-540-U	RAP441CC-17, Left	441CC-17	RA-D-9-14-5, RA1J4-4		
	LYC LTIO-540-U	RAP442CW-20, Right	442CW-20			
American Aviation - see Grumman						
American Champion - see Bellanca						
American General - see Grumman						
Aviat Aircraft						
A1C-160 Husky	O-320-D2A	RAP215CC	211CC	RA1J7-1, RA-B3-5-1	RA2H3-23	
A1C-180 Husky	O-320-A1P	RAP215CC	211CC	RA1J7-1, RA-B3-5-1	RA2H3-23	
A1C-200 Husky	IO-360-A1D6	RAP215CC	211CC	RA1J7-1, RA-B3-5-1	RA2H3-23	
Beechcraft / Raytheon Aircraft / Hawker Beechcraft						
19A,						
A23-19 Musketeer						
SN. MB1 - MB480	LYC O-320-E	RAP215CC	211CC	RA-B3-5-1	RA2H3-2	
SN. B19, MB481 - MB701	LYC O-320-E	RAP215CC	211CC	RA-B3-5-1	RA2H3-2	
SN. MB702 - MB865	LYC O-320-E	RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
SN. M19A	LYC O-320-E	RAP215CC	211CC			
23 Musketeer SN. M1 - M554	LYC O-320-D	RAP215CC	211CC	RA-B3-5-1	RA2H3-2	
A23, A23A SN. M555 - M1094	TCM IO-346-A	RAP216CW	212CW	RA-B3-5-1	RA2H3-2	
A23-24 SN. MA1 - MA363	LYC IO-360-A	RAP215CC	211CC		RA2H3-2	
B23 SN. M1096 - M1284	LYC O-360-B	RAP215CC	211CC	RA-B3-5-1	RA2H3-2	
C23 Sundowner						
SN. M1285 - M1979 except M1971	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1	RA2H3-2	
SN. M1971, M1980 - M2290 w/ Comf. Pk.	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
SN. M197, M1980 - M2290 w/o Comf. Pk.	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1	RA2H3-2	
SN. M2291 and up	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
24 Sierra 200 SN. MA1 - MA363	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1		
A24 SN. MA364 - MA368	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1	RA2H3-2	
A24R SN. MC2 - MC150	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1	RA2H3-2	
B24R SN. MC151 - MC274	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1	RA2H3-2	
SN. MC275 - MC451 except MC449	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
C24R SN. MC449	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
SN. MC452 - MC536 except MC533	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
SN. MC533, MC537 - MC739 w/ Comf. Pk.	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
SN. MC533, MC537 - MC739 w/o Comf. Pk.	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1	RA2H3-2	
SN. MC740 and up	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1	RA2H3-12	

For reference only. For installation eligibility refer to the FAA-PMA Supplement.

Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Manifold Overhaul
		New	Overhaul			
All Bonanzas equipped with RAPCO standby system - Please see section 2 of this guide for information.						
Debonair						
35-33, 35-A33 w/ Conversion Kit	TCM IO-470-J	RAP216CW	212CW			
35-B33 w/ Conversion Kit	TCM IO-470-K	RAP216CW	212CW			
35-C33 SN. CD826 - CD1118 and SN. CE1 - CE179 except CD982 w/ Conv.	TCM IO-470-K	RAP216CW	212CW		RA2H3-2	
35-C33A SN. CD826 - CD1118 and SN. CE1 - CE179 except CD982 w/ Conversion Kit	TCM IO-520-B, -BA	RAP216CW RAP242CW	212CW 242CW		RA2H3-2	
E33 Bonanza SN. CD1119 - CD1234, CE180 - CE289	TCM IO-470-K, IO-550	RAP216CW	212CW	RA-B3-5-1	RA2H30-9	
E33A SN. CD1119 - CD1234, CE180 - CE289	TCM IO-520-B	RAP216CW RAP242CW	212CW 242CW		RA2H30-9	
E33C	TCM IO-520-B, -BA, -BB	RAP216CW RAP242CW	212CW 242CW	RA1J4-7		
F33 SN. CD1235 - 1254	TCM IO-470-K, IO-550	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
F33A SN. CE290 - CE297	TCM IO-520-B, -BA, -BB, IO-550	RAP242CW RAP442CW	242CW 442CW	RA-D-9-14-5	RA2H30-9	
SN. CE298 - CE631	TCM IO-520-B, -BA, -BB, IO-550	RAP242CW RAP442CW	242CW 442CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
SN. CE632 - CE1439, CE1441 - CE1456	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW RAP442CW	212CW 442CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
SN. CE1441 - CE1456	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW RAP442CW	212CW 442CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
SN. CE1440, CE1457 and up	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5		
SN. CE1056 - CE1439, CE1441 - CE1456 w/ Standby System	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
SN. CE1440, CE1457 and up w/ Standby	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5		
F33C SN. CJ26 - CJ128	TCM IO-520-B, -BA, -BB, IO-550	RAP242CW RAP442CW	242CW 442CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
SN. CJ129 - CJ179	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW RAP442CW	212CW 442CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
SN. CJ180 and up	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5		
SN. CJ156 - CJ179 w/ Standby System	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
SN. CJ180 and up w/ Standby System	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5		
G33 SN. CD1255 - CD1304	TCM IO-470-N, IO-550	RAP216CW	212CW		RA2H30-9	
35-33 Debonair - See above						
35, A35 Bonanza w/ Conversion Kit	TCM E-185-1, IO-550	RAP216CW	212CW			
B35, 35R Bonanza w/ Conversion Kit	TCM E-185-8, IO-550	RAP216CW	212CW			
C35, D35, E35, F35 Bonanza w/ Conv.	TCM E-185-11, IO-550	RAP216CW	212CW			
G35 Bonanza w/ Conversion Kit	TCM E-225-8, IO-550	RAP216CW	212CW			
All Bonanzas equipped with RAPCO standby system - Please see section 2 of this guide for information.						
H35 Bonanza w/ Conversion Kit	TCM O-470-G, IO-550	RAP216CW	212CW			
J35, K35, M35 Bonanza w/ Conv. Kit	TCM IO-470-C, IO-550	RAP216CW	212CW			
N35, P35 Bonanza w/ Conversion Kit	TCM IO-470-N, IO-550	RAP216CW	212CW			
S35 Bonanza	TCM IO-520-B, -BA, IO-550	RAP216CW	212CW 242CW			
SN. D7310 - D7628	TCM IO-520-B, -BA, IO-550			RA-B3-5-1	RA2H3-2	
SN. D7629 - D7749	TCM IO-520-B, -BA, IO-550			RA-B3-5-1	RA2H3-12	
SN. D7750 - D7976	TCM IO-520-B, -BA, IO-550					
V35 Bonanza	TCM IO-520-B, -BA, IO-550	RAP216CW	212CW 242CW			
V35A SN. D7977 - D8598	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW	212CW	RA1J4-7	RA2H3-2	
SN. D8599 - D9068	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW	212CW	RA1J4-7	RA2H30-9	
V35A-TC SN. D7977 - D8598	TSIO-520	RAP216CW	212CW			
SN. D8599 - D9068	TSIO-520	RAP216CW	212CW			
V35B SN. D9069 - D9855	TCM IO-520-B, -BA, -BB, IO-550	RAP242CW	242CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
SN. D10096 and up Option	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW RAP442CW	212CW 442CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
V35B-TC SN. D9069 - D9855	TSIO-520	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
SN. D10096 and up Option	TSIO-520	RAP216CW	212CW 442CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
All Bonanzas equipped with RAPCO standby system - Please see section 2 of this guide for information.						
36, A36 Bonanza						
SN. E1 - E184	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW RAP242CW	212CW 242CW	RA-B3-5-1, RA1J4-7	RA2H30-9	
SN. E185 - E196	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW RAP242CW	212CW 242CW	RA-B3-5-1, RA1J4-7	RA2H30-9	
SN. E184, E197, E203 - E813	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW RAP442CW	212CW 442CW	RA-B3-5-1, RA1J4-7	RA2H30-9	
SN. E814 - E1110, E1112 - E1240	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
SN. E111, E1241 - E2431 except E2524	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
SN. E2524, 2532 and up	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5		
SN. E2180 and up Standby System	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5		
A36TC, B36TC, Bonanza SN. EA442 - EA502 and EA504 Standby	TCM TSIO-520-U, IO-550	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
SN. EA503, EA505 and up W/ Standby Sys.	TCM TSIO-520-U, IO-550	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5		

For reference only. For installation eligibility refer to the FAA-PMA Supplement.

Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Manifold Overhaul
		New	Overhaul			
45 (YT-34) Mentor	TCM E-225-8	RAP216CW	212CW			
A45 (T-34A)	TCM O-470	RAP216CW	212CW			
B-45, D45 (T-34B)	TCM O-470	RAP216CW	212CW			
50, B50 Twin Bonanza	LYC GO-435-C	RAP216CW	212CW			
G50, H50 Twin Bonanza	LYC IGSO-480-A	RAP442CW	442CW			
55, 56, 58 Baron - See Below						
65-B80 Queen Air Non Deice SN. LD362 and up	LYC IGSO-540-A	RAP441CC-9	441CC-9	RA1J4-6, RA-D-9-14-5		
A65 Queen Air Non Deice SN. LC240 - LC270	LYC IGSO-480-A	RAP442CW	442CW	RA-B3-5-1		
SN. LC271 and up	LYC IGSO-480-A	RAP442CW	442CW	RA1J4-7, RA-D-9-14-5		
A65 Queen Air Deice SN. LC271 and up	LYC IGSO-480-A	RAP442CW	442CW	RA1J4-7, RA-D-9-14-5		
70 Queen Air	LYC IGSO-480-A	RAP442CW	442CW	RA1J4-6, RA-D-9-14-5		
95, B95 Travel Air	LYC O-360-A	RAP215CC	211CC			
B95A Travel Air	LYC IO-360-B	RAP215CC	211CC			
D95A Travel Air SN. TD534 - TD622	LYC IO-360-B					RA2H3-2
SN. TD623 - TD707	LYC IO-360-B					RA2H3-6
E95 Travel Air Non Deice SN. TD708 up	LYC IO-360-B	RAP215CC	211CC			
E95 Travel Air Deice SN. TD708 and up	LYC IO-360-B	RAP441CC	441CC			
95-55 Baron	TCM IO-470-L	RAP216CW	212CW			
		RAP442CW	442CW			
95-A55 Baron	TCM IO-470-L	RAP216CW	212CW			
		RAP442CW	442CW			
95-B55 Baron Non Deice SN. TC1608 - TC2002	TCM IO-470-L					RA2H3-6
SN. TC2003 - TC2075	TCM IO-470-L	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5		RA2H30-6
		RAP442CW-12	442CW-12			
SN. TC2076 and up	TCM IO-470-L	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5		RA2H30-6
		RAP442CW-14	442CW-14			
95-B55 Baron Deice SN. TC2003 and up	TCM IO-470-L	RAP442CW-14	442CW-14	RA1J4-7, RA-B3-5-1		RA2H3-6
			442CW			
95-C55	TCM IO-520-C	RAP242CW	242CW	RA-B3-5-1		
		RAP442CW-12	442CW-12			
95-C55A	TCM IO-520-C	RAP242CW	242CW			
		RAP442CW-12	442CW-12			
D55 Non Deice SN. TE452 - TE767	TCM IO-520-C, -CB	RAP242CW	242CW	RA1J4-7, RA-B3-5-1		RA2H30-6
		RAP442CW-12	442CW-12			
D55 Deice SN. TE452 - TE767	TCM IO-520-C, -CB	RAP442CW-12	442CW-12	RA1J4-7, RA-D-9-14-5		
D55A Non Deice	TCM IO-520-C, -CB	RAP216CW	212CW			
		RAP242CW	242CW			
Deice	TCM IO-520-C, -CB	RAP442CW-12	442CW-12			
E55 Non Deice SN. TE768 - TE936	TCM IO-520-C, -CB	RAP242CW	242CW	RA1J4-7, RA-B3-5-1		RA2H30-6
		RAP442CW-12	442CW-12			
SN. TE937, TE939 - TE942	TCM IO-520-C, -CB	RAP242CW	242CW	RA1J4-7, RA-D-9-14-5		RA2H30-6
		RAP442CW-12	442CW-12			
SN. TE938, TE943 - TE1113	TCM IO-520-C, -CB	RAP242CW	242CW	RA1J4-7, RA-D-9-14-5		RA2H30-6
SN. TE1114 and up	TCM IO-520-C, -CB	RAP442CW-14	442CW-14	RA1J4-7, RA-D-9-14-5		RA2H30-6
E55 Deice SN. TE768 - TE942 except TE938	TCM IO-520-C, -CB	RAP442CW-12	442CW-12	RA1J4-7, RA-D-9-14-5		
SN. TE938, TE943 - TE1074	TCM IO-520-C, -CB	RAP442CW-14	442CW-14	RA1J4-7, RA-D-9-14-5		
SN. TE1075 and up	TCM IO-520-C, -CB	RAP442CW-14	442CW-14	RA1J4-7, RA-D-9-14-5		
55A Non Deice	TCM IO-520-C, -CB	RAP216CW	212CW			
		RAP242CW	242CW			
Deice	TCM IO-520-C, -CB	RAP442CW-12	442CW-12			
56TC Baron Non Deice SN. TC1 - TG51	LYC TIO-541-E	RAP242CW	242CW	RA-B3-5-1		RA2H3-6
SN. TG52 - TG74	LYC TIO-541-E	RAP242CW	242CW	RA1J4-6, RA-B3-5-1		
SN. TG75 - TG83	LYC TIO-541-E	RAP242CW	242CW	RA1J4-6, RA-B3-5-1		
SN. TG84 - TG94	LYC TIO-541-E	RAP442CW	442CW	RA1J4-6, RA-B3-5-1		RA2H30-6
56TC Baron Deice SN. TG52 - TG74	LYC TIO-541-E	RAP442CW	442CW	RA1J4-6, RA-B3-5-1		
58 Baron Non Deice SN. TH1 - TH177	TCM IO-520-C	RAP242CW	242CW	RA1J4-7, RA-D-9-14-5		RA2H30-6
SN. TH178 - TH186	TCM IO-520-C	RAP242CW	242CW	RA1J4-7, RA-D-9-14-5		RA2H30-6
SN. TH187 - TH873	TCM IO-520-C	RAP242CW	242CW	RA1J4-7, RA-D-9-14-5		RA2H30-6
SN. TH874 and up	TCM IO-520-C	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5		RA2H30-6
58 Baron Deice SN. TH1 - TH177	TCM IO-520-C	RAP442CW-14	442CW-14	RA1J4-7, RA-D-9-14-5		
	TCM IO-520-C	RAP442CW-12	442CW-12	RA1J4-7, RA-D-9-14-5		
SN. TH178 - TH186	TCM IO-520-C	RAP442CW-14	442CW-14	RA1J4-7, RA-D-9-14-5		
	TCM IO-520-C	RAP442CW-12	442CW-12	RA1J4-7, RA-D-9-14-5		
SN. TH187 - TH851 except TH792	TCM IO-520-C	RAP442CW-14	442CW-14	RA1J4-7, RA-D-9-14-5		
	TCM IO-520-C	RAP442CW-12	442CW-12	RA1J4-7, RA-D-9-14-5		
SN. TH792, TH852 and up	TCM IO-520-C	RAP442CW-14	442CW-14	RA1J4-7, RA-D-9-14-5		
	TCM IO-520-C	RAP442CW-12	442CW-12	RA1J4-7, RA-D-9-14-5		
58P Baron Non Deice SN. TJ3 - TJ4	TCM TSIO-520-L, -LB	RAP242CW-4	242CW-4	RA1J4-7		
SN. TJ5 - TJ84	TCM TSIO-520-L, -LB	RAP242CW-4	242CW-4	RA1J4-7		
SN. J85 - TJ97 except TJ86	TCM TSIO-520-L, -LB	RAP242CW-4	242CW-4	RA1J4-7		
SN. TJ86, TJ98 - TJ122	TCM TSIO-520-L, -LB	RAP242CW-4	242CW-4	RA1J4-7		
SN. TJ123 - TJ543 except TJ436	TCM TSIO-520-L, -LB	RAP242CW-4	242CW-4	RA1J4-7		
SN. TJ436, TJ444 and up	TCM TSIO-520-L, -LB	RAP242CW-4	242CW-4	RA1J4-7		

For reference only. For installation eligibility refer to the FAA-PMA Supplement.

Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Manifold Overhaul
		New	Overhaul			
58P Baron Deice SN. TJ3 - TJ4	TCM TSIO-520-L, -LB	RAP442CW-4	442CW-4	RA1J4-7		
SN. TJ5 - TJ84	TCM TSIO-520-L, -LB	RAP442CW-4	442CW-4	RA1J4-7		
SN. TJ85 - TJ97 except TJ86	TCM TSIO-520-L, -LB	RAP442CW-4	442CW-4	RA1J4-7		
SN. TJ86, TJ316	TCM TSIO-520-L, -LB	RAP442CW-4	442CW-4	RA1J4-7		
SN. TJ317 - TJ443 except TJ436	TCM TSIO-520-L, -LB	RAP442CW-4	442CW-4	RA1J4-7		
SN. TJ436, TJ444 and up	TCM TSIO-520-L, -LB	RAP442CW-4	442CW-4	RA1J4-7		
58TC Baron Non Deice SN. TK1 - TK56	TCM TSIO-520-L, -LB	RAP242CW-4	242CW-4	RA1J4-7, RA-D-9-14-5		
SN. TK57 - TK150 except TK147	TCM TSIO-520-L, -LB	RAP242CW-4	242CW-4	RA1J4-7, RA-D-9-14-5	RA2H30-6	
58TC Baron Deice SN. TK1 - TK56	TCM TSIO-520-L, -LB	RAP442CW-4	242CW-4	RA1J4-7, RA-D-9-14-5		
SN. TK57 - TK135	TCM TSIO-520-L, -LB	RAP442CW-4	242CW-4	RA1J4-7, RA-D-9-14-5		
SN. TK57 - TK150 except TK147	TCM TSIO-520-L, -LB	RAP442CW-4	242CW-4	RA1J4-7, RA-D-9-14-5		
60, A60 Duke Non Deice w/o Auto Pilot						
SN. P4 - P69	LYC TIO-541-E	RAP242CW	242CW	RA-B3-5-1		
SN. P70 - P246	LYC TIO-541-E	RAP242CW	242CW	RA-B3-5-1		
60, A60 Duke Non Deice w/ Auto Pilot						
SN. P4 - P69	LYC TIO-541-E	RAP242CW	242CW	RA-B3-5-1		
SN. P70 - P246	LYC TIO-541-E	RAP242CW	242CW	RA-B3-5-1		
A60 Duke Deice						
SN. P4 - P69	LYC TIO-541-E	RAP442CW	442CW	RA-B3-5-1		
SN. P70 - P246	LYC TIO-541-E	RAP442CW	442CW	RA-B3-5-1		
B60 Duke Non Deice						
SN. P247 - P508 Single Instrument	LYC TIO-541-E	RAP242CW	242CW	RA1J4-7, RA-D-9-14-5		
SN. P247 - P508 Dual Instrument	LYC TIO-541-E	RAP442CW	442CW	RA1J4-7, RA-D-9-14-5		
SN. P509 and up Single Instrument	LYC TIO-541-E	RAP242CW	242CW	RA1J4-7, RA-D-9-14-5		
SN. P509 and up Dual Instrument	LYC TIO-541-E	RAP442CW	442CW	RA1J4-7, RA-D-9-14-5		
B60 Duke Deice						
SN. P247 - P307 Single Instrument	LYC TIO-541-E	RAP442CW	442CW	RA1J4-7, RA-D-9-14-5		
SN. P308 - P378 Dual Instrument	LYC TIO-541-E	RAP442CW	442CW	RA1J4-7, RA-D-9-14-5		
SN. P379 - P508	LYC TIO-541-E	RAP242CW	242CW	RA1J4-7, RA-D-9-14-5		
SN. P509 and up	LYC TIO-541-E	RAP442CW	442CW	RA1J4-7, RA-D-9-14-5		
76 Duchess	LYC O-360-A LYC LO-360-A	RAP215CC, Left RAP216CW, Right	211CC 212CW	RA1J4-7	RA2H30-6	
77 Skipper	LYC O-235-L2C	RAP215CC	211CC	RA-B3-5-1, RA1J4-4		
90 King Air SN. LJ1 - LJ113				RA-B3-5-1		
A90 King Air SN. LJ141 - LJ317						
B90 King Air SN. LJ318 - LJ501				RA-B3-5-1	RA2H3-11	
C90 King Air SN. LJ502 and up				RA-B3-5-1	RA2H3-11, -15	
C90A King Air SN. LJ1063 and up				RA-B3-5-1	RA2H3-11, -15	
C90GT King Air					RA2H3-11, -15	
C90GTI King Air					RA2H3-15	
E90 King Air SN. LW1 and up				RA-B3-5-1	RA2H3-11, -15	
F90 SN. LA2 - LA204 except LA186, SN. LA200 - LA202				RA-B3-5-1	RA2H3-11, -15	
95 Travel Air - see above					RA2H3-11, -15	
100 King Air Deice B2 - B89 and B93				RA-B3-5-1	RA2H3-11	
SN. B1, B90 - B234 except B93				RA-B3-5-1	RA2H3-11, -15	
SN. B235 and up				RA-B3-5-1	RA2H3-15	
SN. BE1 and up				RA-B3-5-1	RA2H3-15	
B100 King Air					RA2H3-15	
200, B200 Super King Air Deice						
SN. BB-2 thru BB-1265				RA-B3-5-1	RA2H3-11, -15	
200C, B200C Super King Air Deice						
SN. BL-1 thru BL-72				RA-B3-5-1	RA2H3-11, -15	
200CT, B200CT Super King Air Deice						
SN. BL-1 thru BL-4				RA-B3-5-1	RA2H3-11, -15	
200T, B200T Super King Air Deice						
SN. BL-1 thru BL-30 except BT-28				RA-B3-5-1	RA2H3-11, -15	
B200GT					RA2H3-15	
300, 300LW, B300, B300C					RA2H3-15	
1900, 1900C, 1900D					RA2H3-15	
Bellanca / American Champion / Champion						
7AC	LYC O-235-C	RAP215CC	211CC			
7GC, 7HC	LYC O-290-D	RAP215CC	211CC			
7GCA, 7GCB, 7KC, 7GCBA	LYC O-320-A	RAP215CC	211CC			
7ECA	TCM O-200-A	RAP215CC-9	211CC-9			
	LYC O-235-C	RAP215CC	211CC			
7GCAA, 7GCBC	LYC O-320-A, -C	RAP215CC	211CC			
	LYC O-235-C	RAP215CC	211CC			
7KCAB, 8KCAB	LYC IO-320-E	RAP215CC	211CC			
8GCBC	LYC O-360-C	RAP215CC	211CC			
Bellanca						
14-19	LYC O-435-A			RA-B3-5-1		
14-19-2	TCM O-470-D	RAP216CW	212CW			
14-19-3	TCM O-470-F	RAP216CW	212CW	RA-B3-5-1		

For reference only. For installation eligibility refer to the FAA-PMA Supplement.

Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Manifold Overhaul
		New	Overhaul			
14-19-3A	TCM O-470-F	RAP216CW	212CW	RA-B3-5-1	RA2H3-2	
17-30 Viking	TCM IO-520-D	RAP216CW	212CW	RA-B3-5-1	RA2H3-2	
17-30A Super Viking	TCM IO-520-K	RAP216CW	212CW	RA-B3-5-1	RA2H3-12	
17-31,17-31TC	LYC IO-540-G	RAP215CC RAP441CC-7	211CC 441CC-7	RA-B3-5-1	RA2H3-12	
17-31A, 17-31 ATC	LYC IO-540-G	RAP215CC RAP441CC-7	211CC 441CC-7	RA-B3-5-1	RA2H3-12	
	LYC IO-540-K	RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
Britten Norman / Pilatus Britten Norman						
BN-2A Islander	LYC O-540-E, IO-540-K LYC O-540-E, IO-540-K		212CW 442CW	RA-B3-5-1, RA-D9-18-1	RA2H3-2	1H5-1
BN2A MK, III, III-2, BKN2A MK, III-3		RAP442CW			RA2H3-2	
Cessna						
120, 140 with Lycoming	LYC O-235	RAP215CC	211CC			
150, 150A, B, C w/ Conversion Kit	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1		
150 SN. 15060088 - 15060772	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1	RA2H3-2	
SN. 15069309 - 15078505	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
A150K Aerobat A1500001 - A15000226	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
SN. A1500227 - A1500480	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
A150L A1500227 - A1500480	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
SN. A1500481 - A1500523	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1	RA2H3-12	
A150M SN. A1500524 - A1500685	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1	RA2H3-12	
F150K, Reims F15000530 - F15000658		RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
F150L SN. F15000659 - F15001143		RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
F150M SN. F15001144 - F15001189		RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
SN. F15001190 - F15001339		RAP215CC-9	211CC-9	RA-B3-5-1	RA2H3-12	
FA150K SN. FA1500001 - FA1500081		RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
FA150L SN. FA1500082 - FA1500261		RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
FA150M SN. FA1500262 - FA1500271			211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
SN. FA1500272 - FA1500312			211CC-9	RA-B3-5-1	RA2H3-12	
152 SN. 15279404 and up	LYC O-235	RAP215CC	211CC	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	1H5-23
152 w/ Elec. Stdby. SN. 15285940 and up	LYC O-235	RAP215CC, Primary RAP216CW, Standby	211CC 212CW	RA-B3-5-1, RA-D-9-14-5	RA2H3-12 RA2H3-12	1H5-23
A152 Aerobat SN. A1520735 and up	LYC O-235	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
A152 w/ Elec. Stdby. SN. A1521028 & up	LYC O-235	RAP215CC, Primary RAP216CW, Standby	211CC 212CW	RA-B3-5-1, RA-D-9-14-5	RA2H3-12 RA2H3-23	
F152 Reims F150201429 - F15201808		RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
FA152 SN. FA1520337 and up		RAP215CC	211CW	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
170B w/ Pully Pump Mod. 25373 and up	TCM O-300-A		212CW-6			
172 with Pully Driven Pump Mod.	TCM O-300-A, -B		212CW-6	RA-B3-5-1	RA2H3-2	
172A thru F with Pully Driven Vac Pump	TCM O-300-C		212CW-6			
172A	TCM O-300-D	RAP215CC	211CC			
172B, C Skyhawk	TCM O-300-D	RAP215CC	211CC			
172D, E	TCM O-300-D	RAP215CC	211CC			
172F, G, H SN. 17251823 - 17256512	TCM O-300-D	RAP215CC	211CC			
172 I thru P SN. 17256513 - 17257164	LYC O-320-E	RAP215CC	211CC			
SN. 17257165 - 17259760	LYC O-320-E	RAP215CC-9	211CC-9		RA2H3-12	
SN. 17259761 - 17262866	LYC O-320-E, H	RAP215CC	211CC		RA2H3-12	
SN. 17262867 - 17265684	LYC O-320-E, H	RAP215CC	211CC		RA2H3-12	
SN. 17265685 - 17276654	LYC O-320-E, H	RAP215CC	211CC		RA2H3-12	
172Q Cutlass SN. 17276260 & up w/ Elec.Standby	LYC O-360-A	RAP215CC, Primary RAP216CW, Standby	211CC 212CW		RA2H3-12	1H5-23
172R, S Skyhawk SN. 17280001 and up	LYC IO-360-L	RAP215CC, Upper RAP216CW, Lower	215CC 216CW	RA-D9-18-1	RA2H3-48	1H5-25
172RG Cutlass	LYC O-360-F	RAP215CC	211CC		RA2H3-12	
F172 Reims SN. F172-0019 - F172 - 0085					RA2H3-2	
SN. F172-0086 - F172008045				RA-B3-5-1, RA1J10-1		
SN. F17200805 - F17201234		RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5		
SN. F17201235 - F17201384		RAP215CC	211CC	RA-B3-5-1, RA1J10-1		
SN. F17265685 and up		RAP215CC	211CC	RA-B3-5-1		
F172 w/ Elec.Standby F17202234 & up		RAP215CC, Primary RAP216CW, Standby	211CC 212CW			1H5-23
FR172K SN. FR17200591 - FR17200675		RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
P172D SN. P17257120 - P17257188	TCM GO-300-E	RAP216CW	212CW		RA2H3-2	
R172E, R172F Hawk XP	TCM IO-360-D	RAP215CC	211CC			
R172H Hawk XP	TCM IO-360-C, -D, -H	RAP215CC	211CC			
R172J Hawk XP	TCM IO-360-H, -HB	RAP215CC	211CC			
R172K SN. R1722000 - R1723454	TCM IO-360-K, -KB	RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
175, 175A, 175B, 175C Skylark w/ Conv.	TCM GO-300-A, -C, -D, -E	RAP216CW	212CW			
177 Cardinal SN. 17700001 - 17701164	LYC O-320-E	RAP215CC	211CC	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
SN. 17701165 - 17701530	LYC O-360-A	RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
SN. 17701531 - 17702542	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
SN. 17702543 - 17702752	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	

For reference only. For installation eligibility refer to the FAA-PMA Supplement.

Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Manifold Overhaul
		New	Overhaul			
177RG SN. 177RG001 - 177RG1012	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
SN. 177RG1012	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
SN. 177RG1013 - 177RG1087	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
SN. 177RG1089 - 177RG1386	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
F177RG SN. F177RG001 - F177RG0160		RAP215CC	211CC	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
SN. F177RG0161 - F177RG0177		RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
180, 180A thru F Skywagon w/ Conv.	TCM O-470-L, -K, -R	RAP216CW	212CW	RA-B3-5-1, RA-D-9-14-5		
180G	TCM O-470-L, -R	RAP216CW	212CW	RA-B3-5-1	RA2H3-2	
180 SN. 18051446 - 18052309	TCM O-470-L, -R			RA-D-9-14-5		
SN. 18052310 - 18052384	TCM O-470-L, -R, -S	RAP216CW	212CW	RA-B3-5-1, RA-D-9-14-5		
182 thru G Skylane w/ Conversion Kit	TCM O-470-L, -R, -S, -U	RAP216CW	212CW	RA-B3-5-1		1H5-23
182H thru M SN. 18255845 - 18260445	TCM O-470-R, -S			RA-D-9-14-5		
182N and P SN. 18260446 - 18262465	TCM O-470-R, -S	RAP216CW	212CW	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	1H5-23
SN. 8260466 - 18262778	TCM O-470-R, -S	RAP216CW	212CW	RA-D-9-14-5	RA2H3-12	
SN. 182662779 - 18265175	TCM O-470-R, -S	RAP216CW	212CW	RA-1J-10-1	RA2H3-12	
SN. 182665716 and up	TCM O-470-R, -S	RAP216CW	212CW	RA-D9-18-1	RA2H3-12	
w/ Elec. Driven Pump 18268435 and up	TCM O-470-R, -S	RAP216CW	212CW		RA2H3-12	1H5-23
182Q thru R Skylane	TCM O-470-U	RAP216CW	212CW		RA2H3-12	1H5-23
182S, 182T, T182T SN. 18280001 and up	LYC IO-540-A	RAP215CC, Upper	215CC		RA2H3-48	1H5-25
	LYC IO-540-A	RAP216CW, Lower	216CW			
F182 Reims SN. F18200001 - F18200025		RAP216CW	212CW	RA-1J-10-1		
SN. F18200026 - F18200169		RAP216CW	212CW	RA-D9-18-1		
FR182 SN. F18200001 - F18200070		RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
R182, TR182 SN. R18200001 and up	LYC O-540-J	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	1H5-23
w/ Elec. Drive Pump R18202000 and up	LYC O-540-J	RAP216CW	212CW			1H5-23
T182 SN. 18267716 - 18268434	LYC O-540-L	RAP215CC	211CC	RA-D9-18-1	RA2H3-12	1H5-23
SN. 18268435 and up, Elec. Driven Pump	LYC O-540-L	RAP216CW	212CW	RA-D9-18-1		1H5-23
185A, B, Skywagon w/ Conversion Kit	TCM IO-470-F	RAP216CW	212CW			1H5-23
185C SN. 185-0654 - 185-0776	TCM IO-470-F	RAP216CW	212CW		RA2H3-2	
185D SN. 185-0777 - 18502142	TCM IO-470-F	RAP216CW	212CW			
185 SN. 18502143 - 18502310	TCM IO-520-D	RAP216CW	212CW			
A185E, F	TCM IO-520-D	RAP216CW	212CW			1H5-23
188, 188A, 188B Ag Wagon	TCM O-470-R, -S	RAP216CW	212CW			
A188, A188A, A188B	TCM IO-520-D	RAP216CW	212CW			
205, 205A	TCM IO-470-S	RAP216CW	212CW			
206 Stationair / Super Skywagon						
206, U206, U206A, P206, P206A thru E	TCM IO-520-A	RAP216CW	212CW			
206 SN. 20680001 and up	LYC IO-540-A	RAP215CC, Upper	211CC		RA2H3-48	1H5-25
		RAP216CW, Lower	212CW			
U206B thru G	TCM IO-520-F	RAP216CW	212CW	RA-B3-5-1		
U206, TU206 Stationair Single Pump						
SN. 20602200 - U20603449	TCM IO-520-FC, TSIO-520-C,M	RAP216CW	212CW	RA-B3-5-1, RA-D-9-14-5		
SN. U20603450 and up	TCM IO-520-FC, TSIO-520-C,M	RAP216CW	212CW	RA-B3-5-1		
U206, TU206 Dual Pump						
SN. U20606700 and up	TCM IO-520-A,F, TSIO-520-C,M	RAP216CW, Right	212CW	RA-B3-5-1		1H5-2
U206, TU206 w/ Electric Standby	TCM IO-520-A,F, TSIO-520-C,M	RAP216CW	212CW	RA-B3-5-1		
TU206A thru E, TP206A thru E	TCM TSIO-520-C	RAP216CW	212CW			
TU206F	TCM TSIO-520-C	RAP242CW	242CW			
207 T207 Skywagon						
SN. 20700001 - 20700220	TCM IO-520-F, TSIO-520-G,-M	RAP216CW	212CW	RA-D-9-14-5		
SN. 20700221 - 20700355 & 20700365	TCM IO-520-F, TSIO-520-G,-M	RAP216CW	212CW	RA-B3-5-1, RA-D-9-14-5		
SN. 20700730 and up	TCM IO-520-F, TSIO-520-G,-M	RAP216CW	212CW	RA-B3-5-1, RA-D9-18-1		
208, 208A, 208B						1H5-19
210 (Centurion) Non Deice Single Pump w/ Conversion Kit	TCM IO-470-E, -S, IO-520-L	RAP216CW	212CW	RA-B3-5-1		
210 Non Deice, Dual Pump w/ Conv. Kit	TCM IO-470-E, -S, IO-520-A, -L	RAP216CW	212CW	RA-B3-5-1		
With SK210-103 Mod. w/ Conversion Kit	TCM IO-470-E, -S, IO-520-A, -L	RAP216CW	212CW	RA-B3-5-1		1H5-2
210 Electric System w/ Conversion Kit	TCM IO-470-E, -S, IO-520-A, -L	RAP216CW	212CW	RA-B3-5-1		
210 Deice, Single Pump w/ Conversion Kit	TCM IO-470-E, -S, IO-520-A, -L	RAP442CW-8	442CW-8	RA-B3-5-1		
210 Deice, Dual Pump	TCM IO-520-A, -J, -L	RAP216CW, Left	212CW	RA-B3-5-1		1H5-2
SN. 21064136 - 21064535 w/ Mod.		RAP442CW-8, Right	442CW-8			
SN. 21064536 - 21064772	TCM IO-520-A, -J, -L	RAP216CW, Left	212CW	RA-B3-5-1		1H5-2
		RAP442CW-8, Right	442CW-8			
SN. 21064773 and up	TCM IO-520-A, -J, -L			RA-B3-5-1		1H5-2
SN. 21064898 - 21065009	TCM IO-520-L				RA2H3-2	
T210 Non Deice, Single Pump						
SN. 21059810 and up	TCM TSIO-520-C, -H, -R	RAP216CW	212CW			
T210 Non Deice, Dual Pump						
SN. 21064536 - 21064772	TCM TSIO-520-C, -H, -R	RAP216CW	212CW			
SN. 21064136 - 21064535 w/ Mod.	TCM TSIO-520-C, -H, -R	RAP216CW, Left	212CW			1H5-2
T210 with Electric Driven System	TCM TSIO-520-C, -H, -R	RAP216CW	212CW		RA2H3-2	
T210 Deice, Single Pump	TCM TSIO-520-C, -H, -R	RAP442CW-8	442CW-8			

For reference only. For installation eligibility refer to the FAA-PMA Supplement.

Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Manifold Overhaul
		New	Overhaul			
T210 Deice, Dual Pump SN. 21064136 - 21064535 w/ Mod. SN. 21064536 - 21064772	TCM TSIO-520-C, -H, -R	RAP216CW, Left RAP442CW-8, Right	212CW 442CW-8			1H5-2
SN. 21064773 - 21064897	TCM TSIO-520-C, -H, -R	RAP216CW, Left RAP442CW-8, Right	212CW 442CW-8			1H5-2
SN. 21064898 and up	TCM TSIO-520-C, -H, -R	RAP216CW, Left RAP442CW-8, Right	212CW 442CW-8		RA2H3-2	1H5-2
P210 Non Deice, Single Pump SN. P21000001 - 21000811	TCM TSIO-520-P	RAP216CW	212CW			
SN. P21000812 and up	TCM TSIO-520-P	RAP216CW	212CW			
P210 Non Deice, Dual Pumps	TCM TSIO-520-P	RAP216CW	212CW			1H5-2
P210 Electric Driven Pump SN. P21000835 and up	TCM TSIO-520-P	RAP216CW	212CW			
SN. P21000001 - 21000760 w/ Mod.	TCM TSIO-520-P	RAP216CW RAP442CW-8	212CW 442CW-8			1H5-2
SN. P21000835 and up	TCM TSIO-520-P	RAP216CW	212CW			
P210 Deice, Single Pump SN. P21000001 - 21000811	TCM TSIO-520-P	RAP442CW-8	442CW-8			
SN. P21000812 and up	TCM TSIO-520-P	RAP442CW-8	442CW-8			
P210 Deice, Dual Pump SN. P210000761 - P21000834	TCM TSIO-520-P	RAP442CW-8	442CW-8			1H5-2
SN. P210000835 and up	TCM TSIO-520-P	RAP442CW-8	442CW-8			1H5-2
SN. P21000001 - 21000760 w/ Mod.	TCM TSIO-520-P	RAP216CW, Left RAP442CW-8, Right	212CW 442CW-8			1H5-2
300						1H5-27
T303 Crusader Non Deice	TCM TSIO-520-AE TCM LTSIO-520-AE	RAP216CW, Left RAP215CC, Right	212CW 211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-2	1H5-1
Deice	TCM TSIO-520-AE TCM LTSIO-520-AE	RAP442CW-8, Left RAP441CC-3, Right	442CW-8 441CC-3			
305A thru F Bird Dog	TCM O-470	RAP216CW	212CW			
310	TCM O-470-B, -M	RAP216CW	212CW	RA-B3-5-1		
310A, 310B	TCM O-470-B, -M	RAP216CW	212CW			
310C thru H and J Non Deice	TCM O-470-D, -U	RAP216CW RAP242CW	212CW 242CW			
Deice	TCM O-470-D, -U	RAP442CW	442CW			
E310H, E310J Non Deice	TCM IO-470-D, -U	RAP216CW RAP242CW	212CW 242CW			
Deice	TCM IO-470-D, -U	RAP442CW	442CW			
310I, 310J Non Deice w/ Conversion Kit	TCM IO-470-U	RAP216CW RAP242CW	212CW 242CW			
Deice	TCM IO-470-U	RAP442CW	442CW			
310K	TCM IO-470-V, -VO	RAP216CW RAP242CW	212CW 242CW			
Deice	TCM IO-470-V, -VO	RAP442CW	442CW			
310L , without Auto Pilot w/ Conv. Kit	TCM IO-470-V, -VO			RA-B3-5-1, RA-D9-18-1		1H5-1
with Auto Pilot	TCM IO-470-V, -VO	RAP242CW	242CW	RA-B3-5-1, RA-D-9-14-5		1H5-1
310N , without Auto Pilot	TCM IO-470-V, -VO			RA-B3-5-1, RA-D-9-14-5		1H5-1
with Auto Pilot	TCM IO-470-VO	RAP242CW	242CW	RA-B3-5-1, RA-D-9-14-5		1H5-1
310P , without Auto Pilot, w/ Conv. Kit	TCM IO-470-VO	RAP216CW	212CW	RA-B3-5-1, RA-D-9-14-5		1H5-1
with Auto Pilot	TCM IO-470-VO	RAP242CW	242CW	RA-B3-5-1, RA-D-9-14-5		1H5-1
T310P w/ Conversion Kit	TCM TSIO-520-B, -BB	RAP242CW	242CW			
Deice	TCM TSIO-520-B, -BB	RAP442CW	442CW			
310Q , without Auto Pilot, w/ Conv. Kit	TCM TSIO-520-B, -BB					
SN. 310Q0001 - 310Q0459	TCM IO-470-VO			RA-B3-5-1, RA-D-9-14-5		1H5-1
SN. 310Q0460 - 310Q0952	TCM IO-470-VO			RA-B3-5-1, RA-D-9-14-5	RA2H3-5	1H5-10
SM. 310Q0953 and up	TCM IO-470-VO	RAP216CW	212CW	RA-B3-5-1, RA-D-9-14-5	RA2H3-5	1H5-10
310Q with Auto Pilot w/ Conversion Kit						
SN. 310Q0001 - 310Q0459	TCM IO-470-VO	RAP242CW	242CW	RA-B3-5-1, RA-D-9-14-5		1H5-1
SN. 310Q0460 and up	TCM IO-470-VO	RAP242CW	242CW	RA-B3-5-1	RA2H3-5	1H5-10
T310Q Non Deice, w/ Conversion Kit	TCM TSIO-520-B, -BB	RAP242CW	242CW			
Deice	TCM TSIO-520-B, -BB	RAP442CW	442CW			
310R Non Deice	TCM IO-520-M, -MB	RAP216CW	212CW	RA-B3-5-1, RA1J4-4	RA2H3-5	1H5-10
Deice	TCM IO-520-M, -MB	RAP442CW	442CW			
T310R Non Deice, w/ Conversion Kit	TCM TSIO-520-B, -BB	RAP242CW	242CW	RA1J4-4		
Deice	TCM TSIO-520-B, -BB	RAP442CW	442CW			
320, -1, -A, -B Skynight , w/o Auto Pilot	TCM TSIO-470-B, -C	RAP216CW	212CW			
with Auto Pilot, w/ Conversion Kit	TCM TSIO-470-B, -C		242CW			
with Deice, w/ Conversion Kit	TCM TSIO-470-B, -C		442CW			
320 Skynight , without Auto Pilot, w/ Con.	TCM TSIO-470-D	RAP216CW	212CW			
with Auto Pilot	TCM TSIO-470-D	RAP242CW	242CW			
Deice	TCM TSIO-470-D	RAP442CW	442CW			
320D thru F Skynight w/ Conversion Kit	TCM TSIO-520-B, -BB	RAP242CW	242CW			
Deice w/ Conversion Kit	TCM TSIO-520-B, -BB	RAP442CW	442CW			
321	TCM O-470-2	RAP216CW	212CW			
335 Non Deice	TCM TSIO-520-EB	RAP216CW	212CW	RA-B3-5-1		1H5-10
335 Deice	TCM TSIO-520-EB	RAP442CW	442CW	RA-B3-5-1		1H5-10

For reference only. For installation eligibility refer to the FAA-PMA Supplement.

Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Manifold Overhaul
		New	Overhaul			
336 Skymaster	TCM IO-360-A	RAP215CC	211CC	RA-B3-5-1		
337 Skymaster, Non Deice						
SN. 3370001 - 3370755	TCM IO-360-C,-D, -DB	RAP215CC	211CC	RA-B3-5-1, RA-D-9-14-5		
SN. 3370756 - 3370963	TCM IO-360-C,-D, -DB	RAP215CC	211CC	RA-B3-5-1, RA-D-9-14-5		
SN. 3370964 - 3371193	TCM IO-360-C,-D, -DB	RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5		
SN. 3371194 - 33701462	TCM IO-360-C,-D, -DB	RAP215CC	211CC	RA-B3-5-1, RA-D-9-14-5		
SN. 33701463 - 33701550	TCM IO-360-C,-D, -DB	RAP215CC	211CC	RA-B3-5-1, RA-D-9-14-5		1H5-2
SN. 33701551 - 33701610	TCM IO-360-C,-D, -DB	RAP215CC	211CC	RA-B3-5-1, RA1J10-1		1H5-2
SN. 33701611	TCM IO-360-C,-D, -DB	RAP215CC	211CC	RA-B3-5-1, RA1J10-1		1H5-2
337 Deice SN. 33701490 and up	TCM IO-360-C,-D, -DB	RAP441CC	441CC	RA-B3-5-1		
F337 Non Deice						
SN. F33700001 - F33700055		RAP215CC	211CC	RA-D-9-14-5		1H5-3
SN. F33700056 - F33700063		RAP215CC	211CC	RA-D-9-14-5		1H5-2
SN. F33700064 - F33700074		RAP215CC	211CC	RA1J10-1		1H5-2
SN. F33700075 - F33700086		RAP215CC	211CC	RA1J10-1		1H5-2
F337 Deice SN. 33700056 and up		RAP441CC	441CC			1H5-2
FT337 Non Deice						
SN. F3370001 - F33700015		RAP215CC	211CC	RA-D-9-14-5		1H5-2
SN. F3370016 and up		RAP215CC	211CC	RA1J10-1		1H5-2
FT337 Deice SN. 3370001 and up		RAP441CC	441CC			1H5-2
SN. M337B	TCM IO-360-D, -DB	RAP215CC	211CC			
P337						
SN. P3370001 - P3370225	TCM TSIO-360-C, -CB	RAP215CC	211CC			1H5-2
SN. P3370226	TCM TSIO-360-C, -CB	RAP215CC	211CC			1H5-2
P337 Deice SN. P3370053 and up	TCM TSIO-360-C, -CB	RAP441CC	441CC	RA-B3-5-1		1H5-2
P337H	TCM TSIO-360-C, -DB	RAP215CC	211CC	RA1J10-1		
	TCM TSIO-360-C, -DB	RAP441CC	441CC			
T337B	TCM TSIO-360-A, -B	RAP215CC	211CC			
	TCM TSIO-360-A	RAP441CC	441CC			
T337C thru F	TCM TSIO-360-A	RAP215CC	211CC			
	TCM TSIO-360-A	RAP441CC	441CC			
T337G Non Deice						
SN. P3370001 - P3370225	TCM TSIO-360-C, -CB	RAP215CC	211CC	RA-B3-5-1, RA-D-9-14-5		1H5-2
SN. P3370226	TCM TSIO-360-C, -CB	RAP215CC	211CC	RA-B3-5-1, RA1J10-1		1H5-2
T337G Deice SN. P3370053 and up	TCM TSIO-360-C, -CB	RAP441CC	441CC	RA-B3-5-1		1H5-2
T337H Skymaster	TCM TSIO-360H, -HB, -JB	RAP215CC	211CC	RA1J10-1		
T337H-SP Skymaster	TCM TSIO-360H, -HB, -JB	RAP215CC	211CC			
340 with Single Instruments	TCM TSIO-520-K, -KB	RAP216CW	212CW	RA-B3-5-1	RA2H3-5	1H5-10
340 with Dual Instruments	TCM TSIO-520-K, -KB	RAP442CW	442CW	RA-B3-5-1	RA2H3-5	1H5-10
340 with Auto Pilot	TCM TSIO-520-K, -KB	RAP242CW	242CW	RA-B3-5-1	RA2H3-5	1H5-10
340A Non Deice, Single Instruments	TCM TSIO-520-N, -NB	RAP442CW	442CW	RA-B3-5-1	RA2H3-5	1H5-10
340A with Auto Pilot	TCM TSIO-520-N, -NB	RAP242CW	242CW	RA-B3-5-1	RA2H3-5	1H5-10
340A Deice	TCM TSIO-520-N, -NB	RAP442CW	442CW	RA-B3-5-1	RA2H3-5	1H5-10
401, 401A without Auto Pilot, w/ Conv. Kit	TCM TSIO-520-E, -EB	RAP216CW	212CW	RA-B3-5-1	RA2H3-5	
401, 401A with Auto Pilot, w/ Conv. Kit	TCM TSIO-520-E, -EB	RAP242CW	242CW	RA-B3-5-1	RA2H3-5	
	TCM TSIO-520-E, -EB		442CW			
401B without Auto Pilot						
SN. 401B0001 - 401B0100	TCM TSIO-520-E, -EB	RAP216CW	212CW	RA-B3-5-1, RA-D-9-14-5	RA2H3-5	
SN. 401B0101 - 401B0300	TCM TSIO-520-E, -EB	RAP216CW	212CW	RA-B3-5-1	RA2H3-5	1H5-9
401B with Auto Pilot	TCM TSIO-520-E, -EB	RAP242CW	242CW	RA-B3-5-1, RA-D-9-14-5	RA2H3-5	
SN. 401B0001 - 401B0100			442CW			
SN. 401B0101 - 401B0300	TCM TSIO-520-E, -EB	RAP242CW	242CW	RA-B3-5-1	RA2H3-5	1H5-9
			442CW			
402 w/ Conversion Kit	TCM TSIO-520-E, -EB	RAP216CW	212CW	RA-B3-5-1	RA2H3-5	
402A without Auto Pilot, w/ Conv. Kit	TCM TSIO-520-E, -EB	RAP216CW	212CW	RA-B3-5-1, RA-D-9-14-5	RA2H3-5	
402A with Auto Pilot, w/ Conversion Kit	TCM TSIO-520-E, -EB	RAP242CW	242CW	RA-B3-5-1, RA-D-9-14-5	RA2H3-5	
			442CW			
402B without Auto Pilot						
SN. 401B0001 - 401B0100	TCM TSIO-520-E, -EB	RAP216CW	212CW	RA-B3-5-1, RA-D-9-14-5	RA2H3-5	
SN. 401B0101 and up	TCM TSIO-520-E, -EB	RAP216CW	212CW	RA-B3-5-1	RA2H3-5	1H5-9
402B with Auto Pilot	TCM TSIO-520-E, -EB	RAP242CW	242CW	RA-B3-5-1, RA-D-9-14-5	RA2H3-5	
SN. 401B0001 - 401B0100			442CW			
SN. 401B0101 and up	TCM TSIO-520-E, -EB	RAP242CW	242CW	RA-B3-5-1	RA2H3-5	1H5-9
			442CW			
404 Titan	TCM GTSIO-520-M	RAP215CC	211CC			
411, 411A without Auto Pilot	TCM GTSIO-520-C	RAP215CC	211CC		RA2H3-5	
with Auto Pilot	TCM GTSIO-520-C	RAP241CC	241CC			
414, 414A Chancellor Vac. Instrument						
SN. 4140001 - 4140150	TCM TSIO-520-J, -JB, -N, -NB	RAP216CW	212CW	RA-B3-5-1	RA2H3-5	
SN. 4140151 - 4140349	TCM TSIO-520-J, -JB, -N, -NB	RAP216CW	212CW	RA-B3-5-1	RA2H3-5	1H5-9
414, 414A with Auto Pilot						
SN. 4140001 - 4140150	TCM TSIO-520-J, -JB, -N, -NB	RAP242CW	242CW	RA-B3-5-1	RA2H3-5	
SN. 4140151 - 4140349	TCM TSIO-520-J, -JB, -N, -NB	RAP242CW	242CW	RA-B3-5-1	RA2H3-5	1H5-9
414, 414A Pressure Instr. 4140251 & up	TCM TSIO-520-J, -JB, -N, -NB	RAP216CW	212CW	RA-B3-5-1		
414, 414A w/ Auto Pilot 4140251 & up	TCM TSIO-520-J, -JB, -N, -NB	RAP242CW	242CW	RA-B3-5-1		
414A with Dual Instruments	TCM TSIO-520-J, -JB, -N, -NB	RAP442CW	442CW	RA-B3-5-1	RA2H3-5	1H5-9

For reference only. For installation eligibility refer to the FAA-PMA Supplement.

Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Manifold Overhaul
		New	Overhaul			
414A Deice	TCM TSIO-520-J, -JB, -N, -NB	RAP442CW	442CW	RA-B3-5-1	RA2H3-5	1H5-9
421, A, B Golden Eagle w/o Auto Pilot SN. 421B0001 - 421B0601	TCM GTSIO-520-D, -H	RAP215CC	211CC	RA-B3-5-1	RA2H3-5	
SN. 421B0602 and up	TCM GTSIO-520-D, -H	RAP215CC	211CC			
421, A with Auto Pilot SN. 421B0001 - 421B0601	TCM GTSIO-520-D, -H	RAP241CC	241CC	RA-B3-5-1	RA2H3-5	
SN. 421B0602 and up	TCM GTSIO-520-D, -H	RAP241CC	241CC			
421C Non Deice 1976 thru 1985	TCM GTSIO-520-L, N	RAP215CC	211CC	RA-B3-5-1	RA2H3-5	1H5-9
421C Dual Instrument C1097 and up	TCM GTSIO-520-L, N	RAP441CC	441CC	RA-B3-5-1	RA2H3-5	1H5-9
421C Deice 1976 thru 1985	TCM GTSIO-520-L, N	RAP441CC	441CC	RA-B3-5-1	RA2H3-5	1H5-9
Cirrus						
SR20						1H5-28
Commander - see Rockwell						
Fairchild / M7 Aerospace						
SA26-AT					RA2H3-2	
SA226-T, SA226-AT, SA226-T(B)				RA-B3-5-1	RA2H3-2	
SA227-AT, SA227-TT					RA2H3-2	
Grumman American / American Aviation / American General / Gulfstream / Tiger Aircraft						
AA-1, AA1A Yankee, Trainer	LYC O-235-C	RAP215CC	211CC	RA1J7-1		
AA-1B Trainer, TC SN. AA-1B-0379 and up	LYC O-235-C	RAP215CC	211CC	RA1J7-1	RA2H3-12	
AA-1C, T Cat / Lynx	LYC O-235-L	RAP215CC	211CC		RA2H3-12	
AA-5 Traveler	LYC O-320-E	RAP215CC	211CC	RA-B3-5-1, RA1J7-1	RA2H3-12	
AA-5A Cheetah	LYC O-320-E	RAP215CC	211CC	RA1J7-1	RA2H3-12	
AA-5B Tiger	LYC O-360-A	RAP215CC	211CC	RA1J7-1	RA2H3-12	
GA-7 Cougar	LYC O-320-D	RAP215CC	211CC			
Gulfstream - also see Aero Commander						
Hawker - see Beechcraft						
Helio						
H295	LYC GO-480-G	RAP216CW	212CW	RA-B3-5-1	RA2H3-2	
Lake						
LA-4-200 Buccaneer	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1, RA1J7-1		
250 Renegade	LYC O-540-C	RAP215CC	211CC			
Maule						
M-4-180	Franklin 6A-335-B	RAP216CW	212CW			
M-4-210	TCM IO-360-A, -D	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-2	
M-4-220	Franklin 6A-350-C	RAP216CW	212CW	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
M-5-180C	LYC O-360-C	RAP215CC	211CC			
M-5-200	LYC IO-360-J	RAP215CC	211CC			
M-5-235	LYC O-540-J, IO-540-W	RAP215CC	211CC		RA2H3-12	
M-6-180	LYC O-360-C	RAP215CC	211CC			
M-6-235	LYC O-540-J, IO-540-W	RAP215CC	211CC			
Mitsubishi						
MU-2B-20, -25					RA2H3-6	
Mooney						
M20	LYC O-320	RAP215CC	211CC	RA-1J7-1		
M20A	LYC O-360-A	RAP215CC	211CC	RA-1J7-1		
M20B SN. 1701B - 1939B	LYC O-360-A	RAP215CC	211CC	RA-1J7-1	RA2H3-12	
M20C SN. 194CC up, 680001 - 680225C	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1, RA1J7-1	RA2H3-12	
SN. 690001 and up	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1, RA1J7-1		
M20D SN. 101D and up	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1, RA1J7-1	RA2H3-12	
M20E SN. 101E and up	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1, RA1J7-1	RA2H3-12	
SN. 69001 and up	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1, RA1J7-1		
M20F SN. 670001 - 680215	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1, RA1J7-1	RA2H3-12	
SN. 690001 and up	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1, RA1J7-1		
M20G SN. 680001 - 680205	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1, RA1J7-1	RA2H3-12	
SN. 690001 - 70006	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1, RA1J7-1		
M20J SN. 24-0001 thru 24-1604	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
SN. 24-1605 and up	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1, RA1J4-6	RA2H3-12	
SN. 24-0001 - 24-2999 (Standby System)	LYC IO-360-A	RAP216CW	212CW	RA-B3-5-1		
SN. 24-3000 and up (Standby System)	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1		

For reference only. For installation eligibility refer to the FAA-PMA Supplement.

Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Manifold Overhaul
		New	Overhaul			
M20K with Single Alternator SN. 25-1001 thru 25-1087 SN. 25-1088 and up	TCM TSIO-360-G, -L, -M, -S	RAP215CC RAP241CC	211CC 241CC	RA-B3-5-1	RA2H3-12	
M20K with Dual Alt. SN. 25000 and up	TCM TSIO-360-G, -L, -M, -S	RAP215CC RAP241CC	211CC 241CC	RA-B3-5-1, RA-D9-18-1 RA1J4-6	RA2H3-12	
M20K with Standby Sys. SN. 25-1001 up	TCM TSIO-360-G, -L, -M, -S	RAP216CW	212CW	RA-B3-5-1		
M20M	LYC TIO-540-A	RAP241CC-15	241CC-15	RA-B3-5-1, RA-D9-18-1, RA1J4-6		
M20R	TCM IO-550-G	RAP242CW	242CW	RA-B3-5-1, RA-D9-18-1, RA1J4-6		
M22	LYC TIO-541	RAP216CW	212CW	RA-B3-5-1, RA1J7-1		
Navion						
G	TCM IO-470-H	RAP216CW	212CW			
H	TCM IO-520-B	RAP216CW	212CW			
Partenavia - see Vulcanair						
Piaggio						
P.136-L	LYC GO-435-C2B	RAP216CW	212CW			
Pilatus BN - see Britten Norman						
Piper / The New Piper						
J5C	LYC O-235-C	RAP215CC	211CC			
PA-12, PA-12S	LYC O-235-C	RAP215CC	211CC			
PA-14	LYC O-235-C1	RAP215CC	211CC			
PA-16, -16S	LYC O-235-C1	RAP215CC	211CC			
PA-18 Super Cub SN. 18-8020 thru 18-7609012	LYC O-235-C, O-290-D, 0-320	RAP215CC	211CC	RA-B3-5-1	RA2H3-23	
SN. 18-7609013 and up	LYC O-235-C, O-290-D, 0-320	RAP215CC	211CC	RA-B3-5-1, RA1J7-1	RA2H3-23	
SN. 189001 and up	LYC O-235-C, O-290-D, 0-320	RAP215CC	211CC	RA-B3-5-1, RA1J7-1	RA2H3-23	
PA-20-115, PA-20S-115	LYC O-235-C	RAP215CC	211CC			
PA-20, -20S, -20-135, -20S-135, PA-22	LYC O-290-D, -D2	RAP215CC	211CC			
PA-22-108 Tri Pacer SN. 22-8000 thru 22-8709	LYC O-235-C	RAP215CC	211CC			
SN. 22-8710 and up	LYC O-235-C	RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
PA-22-135, PA-22S-135	LYC O-290-D	RAP215CC	211CC			
PA-22-150, PA-22S-150	LYC O-320-A, -B	RAP215CC	211CC			
PA-22-160, PA-22S-160	LYC O-320-A, -B	RAP215CC	211CC			
PA-23-160 Apache SN. 23-2395 and up	LYC O-320-A, -B, -C	RAP215CC	211CC	RA-B3-5-1		
PA-23-235 Aztec	LYC O-540-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-2	
Deice	LYC O-540-A	RAP441CC-7	441CC-7			
PA-23-250 Non Deice, Pilot Instruments SN. 27-2000 thru 27-2504	LYC O-540-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1		
SN. 27-2505 thru 27-7654001	LYC O-540-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1		1H5-4
PA-23-250 Non Deice, Dual Instruments SN. 27-7654001 and up	LYC O-540-A	RAP441CC-7	441CC-7	RA-B3-5-1, RA-D9-18-1		1H5-4
PA23-250 Deice - BFG System SN. 27-4510 thru 27-7304963	LYC O-540-A	RAP441CC-7	441CC-7	RA-B3-5-1, RA-D9-18-1		
SN. 27-7304964 thru 27-7654001	LYC O-540-A	RAP441CC-7	441CC-7	RA-B3-5-1, RA-D9-18-1		1H5-14
PA23-250 Deice - Airborne System SN. 27-7554112 - 27-7554168	LYC O-540-A	RAP441CC-7	441CC-7			
PA-24-180 Comanche SN. 24-2176, 24-2177, 24-2179 - 24-2184	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1		
S. 24-2186 - 24-2202, 24-2204 - 24-2218	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1		
SN. 24-2222, 24-2999 thru 24-2587	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1		
SN. 24-2563, 24-2588 and up	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1		
PA-24-250 Comanche SN. 24-2563, 24-2588 and up	LYC O-540-A, IO-540-C	RAP215CC	211CC	RA-D9-18-1		
PA-24-260 Comanche	LYC IO-540-D, -N, -R	RAP215CC	211CC	RA-D9-18-1	RA2H3-12	
PA-24-400 Comanche	LYC O-540-D, -E -N, -R	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
PA-24-720 Comanche	LYC IO-720	RAP215CC	211CC		RA2H3-12	
PA-25 Pawnee	LYC O-320, -A	RAP215CC	211CC			
PA-25-235, -260	LYC O-540-B, -G	RAP215CC	211CC			
PA-28-140 Cherokee SN. 28-20002 thru 28-7425454	LYC O-320-E	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
SN. 28-7585001 and up	LYC O-320-E	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
PA-28-150	LYC O-320-A, -E	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
PA-28-151 Warrior SN. 28-7415001 thru 28-7415713	LYC O-320-E	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
SN. 28-7415001 thru 28-7715314	LYC O-320-E	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
PA-28-160 Cherokee	LYC O-320-D	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	

For reference only. For installation eligibility refer to the FAA-PMA Supplement.

Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Manifold Overhaul
		New	Overhaul			
PA-28-161 Warrior	LYC O-320-D	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
PA-28-161 with Aux. Pump System	LYC O-320-D	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	1H5-24
PA-28-180, PA-28S-180						
SN. 28-7105001 thru 28-7406290	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
SN. 28-7405001 thru 28-7505261	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
PA-28R-180 Arrow						
SN. 28R-30005 thru 28R7130019	LYC IO-360-B	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
SN. 28R-75350001 and up	LYC IO-360-B	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
PA-28-181 Archer II 28-760001 and up	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
PA-28-181 Archer III 28-90206 and up	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
PA-28R-200 Arrow						
SN. 28R-30482, 28R-35001 - 28R-35830	LYC IO-360-C	RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
SN. 28R-7135001 thru 28R-7475331	LYC IO-360-C	RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
SN. 28R-7535001 and up	LYC IO-360-C	RAP215CC	211CC	RA-B3-5-1	RA2H3-19	
PA-28-201T Turbo Dakota						
SN. 28-7921001 thru 28-7921091	TCM TSIO-360-F	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
PA-28R-201 Arrow						
SN. 28R-7737002 - 28R-7837317	TCM TSIO-360-F	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
SN. 28R-7837318 and up	TCM TSIO-360-F	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	1H5-21
SN. 2803001 and up Aux. Pump		RAP215CC	211CC			
PA-28R-201T Turbo Arrow						
SN. 28R-7703001 thru 28R-7803373	TCM TSIO-360-F	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
SN. 28R-7803374 and up	TCM TSIO-360-F	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	1H5-21
SN. 2803001 and up Aux. Pump		RAP215CC	211CC			
PA-28RT-201 Arrow IV						
SN. 28RT-7918001 thru 28R-8218026	LYC IO-360-C	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
PA-28RT-201						
SN. 28RT-8218027 thru 28R-8218039	LYC IO-360-C	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
PA-28RT-201T 28R-7931001 and Up	TCM TSIO-360-F	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
PA-28-235 Cherokee 235						
SN. 28-10003 thru 28-11039	LYC O-540-B	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
PA-28-236 Dakota	LYC O-540-J	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
PA-28-236 with Aux. Pump System						1H5-21
SN. 28-7911001 and up	LYC O-540-J	RAP215CC	211CC	RA-B3-5-1	RA2H3-19	
PA-30 Twin Comanche SN. 30-2 Up	LYC IO-320-B	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1		1H5-2
C/R Option Left Engine	LYC LIO-320-B		212CW	RA-B3-5-1		
PA-31P Navajo				RA1J4-6		
PA-31 Navajo 310 HP Turbo						
Non Deice, Pilot Instruments	LYC TIO-540-A	RAP215CC	211CC	RA-B3-5-1, RA1J4-6		
Non Deice, Dual Instruments	LYC TIO-540-A	RAP441CC-7	441CC-7	RA-B3-5-1, RA1J4-6		
Deice	LYC TIO-540-A	RAP441CC-7	441CC-7	RA-B3-5-1, RA1J4-6	RA2H30-6	
C/R Option Right Engine & Wing Locker	LYC LTIO-540-A	RAP442CW-6, Right	442CW-6	RA-B3-5-1, RA1J4-6		
PA-31-300 Navajo Non Turbo						
Non Deice, Pilot Instruments	LYC IO-540-M	RAP215CC	211CC	RA-B3-5-1, RA1J4-6		
Non Deice, Dual Instruments						
SN. 31-5 thru 31-854	LYC IO-540-M	RAP441CC-7	441CC-7	RA-B3-5-1, RA1J4-6		
SN. 31-855 thru 31-7612018	LYC IO-540-M	RAP441CC-7	441CC-7	RA1J4-6		
Deice	LYC IO-540-M	RAP441CC-7	441CC-7	RA-B3-5-1, RA1J4-6	RA2H30-6	
PA-31-325 Navajo C/R	LYC TIO-540-F	RAP215CC, Left	211CC	RA-B3-5-1, RA1J4-6		
Non Deice, Pilot Instruments	LYC LTIO-540-F		212CW	RA-B3-5-1, RA1J4-6		
Non Deice, Dual Instruments	LYC TIO-540-F	RAP441CC-7, Left	441CC-7	RA-B3-5-1, RA1J4-6		
	LYC LTIO-540-F	RAP442CW-6, Right	442CW-6	RA-B3-5-1, RA1J4-6		
Deice	LYC TIO-540-F	RAP441CC-7, Left	441CC-7	RA-B3-5-1, RA1J4-6	RA2H30-6	
	LYC LTIO-540-F	RAP442CW-6, Right	442CW-6	RA-B3-5-1, RA1J4-6		
PA-31-350 (Chieftain)						
Non Deice, Pilot Instruments	LYC TIO-540-J	RAP215CC, Left	211CC	RA1J4-6	RA2H30-6	
SN. 31-5001 thru 31-7652123	LYC LTIO-540-J	Right	212CW	RA1J4-6		
SN. 31-7652124 and up	LYC TIO-540-J	RAP215CC, Left	211CC	RA-B3-5-1, RA1J4-6	RA2H30-6	
	LYC LTIO-540-J	Right	212CW	RA-B3-5-1, RA1J4-6		
Non Deice, Dual Instruments	LYC TIO-540-J	RAP441CC-7, Left	441CC-7	RA1J4-6		
SN. 31-5001 thru 31-7652123	LYC LTIO-540-J	RAP442CW-6, Right	442CW-6	RA1J4-6		
SN. 31-7652124 and up	LYC TIO-540-J	RAP441CC-7, Left	441CC-7	RA-B3-5-1, RA1J4-6		
	LYC LTIO-540-J	RAP442CW-6, Right	442CW-6	RA-B3-5-1, RA1J4-6		
Deice	LYC TIO-540-J	RAP441CC-7, Left	441CC-7	RA1J4-6		
SN. 31-5001 thru 31-7652123	LYC LTIO-540-J	RAP442CW-6, Right	442CW-6	RA1J4-6		
SN. 31-7652124 thru 31-7952250 with Kit 764016 or 764017	LYC TIO-540-J	RAP441CC-7, Left	441CC-7	RA-B3-5-1, RA1J4-6		
	LYC LTIO-540-J	RAP442CW-6, Right	442CW-6	RA-B3-5-1, RA1J4-6		
PA-31P-350 Mojave SN. 31P-8414001Up	LYC TIO-540-V	RAP215CC, Left	211CC	RA1J4-6		
Non Deice	LYC LTIO-540-V	Right	212CW	RA1J4-6		
Deice	LYC TIO-540-V	RAP441CC-7, Left	441CC-7	RA1J4-6		
	LYC LTIO-540-V	Right	442CW-6	RA1J4-6		
PA-31T2 SN. 31T-8166001 and up				RA1J4-7		
PA-32-260 Cherokee Six						
SN. 32-1 - 32-450	LYC O-540-E	RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
SN. 32-451 - 32-7400061	LYC O-540-E	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
SN. 32-7500001 - 32-7800008	LYC O-540-E	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	

For reference only. For installation eligibility refer to the FAA-PMA Supplement.

Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Manifold Overhaul
		New	Overhaul			
PA-32-300 Cherokee Six SN. 23-40000 - 32-40292	LYC IO-540-K	RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
SN. 32-40293 - 32-744182	LYC IO-540-K	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
SN. 32-7540001 - 32-7940282	LYC IO-540-K	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
PA-32R-300, -32RT-300, -32S-300	LYC IO-540-K	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
PA-32RT-300T	LYC TIO-540-S	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1		
PA-32-301T Saratoga SN.32-80006001 up	LYC IO-540-K	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
PA-32-301T SN. 32-8024001 and up	LYC TIO-540-S	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
PA-32R-301	LYC IO-540-K	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
PA-32R-301T Non Deice	LYC TIO-540-S	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
Deice	LYC TIO-540-S	RAP442CW-6	442CW-6	RA-B3-5-1	RA2H3-19	
PA-34-200 Seneca Non Deice	LYC IO-360-C LYC LIO-360-C	RAP215CC, Left RAP216CW, Right	211CC 212CW	RA-B3-5-1, RA-D9-18-1		1H5-8
Deice	LYC IO-360-C LYC LIO-360-C	RAP441CC-7, Left RAP442CW-6, Right	441CC-7 442CW-6	RA-B3-5-1, RA-D9-18-1		1H5-13
PA-34-200T Seneca II Non Deice SN. 34-7570001 thru 34-7870492	TCM TSIO-360-E TCM LTSIO-360-E	RAP215CC, Left Right	211CC 212CW	RA-B3-5-1, RA1J4-6		
SN. 34-7970001 thru 34-8170092	TCM TSIO-360-E TCM LTSIO-360-E	RAP215CC, Left Right	211CC 212CW	RA1J4-6, RA-D-9-14-5		
Deice SN. 34-7570001 thru 34-8070037	TCM TSIO-360-E TCM LTSIO-360-E	RAP441CC-7, Left RAP442CW-6, Right	441CC-7 442CW-6	RA-B3-5-1, RA1J4-6		
SN. 34-8070038 thru 34-8170092	TCM TSIO-360-E TCM LTSIO-360-E	RAP441CC-7, Left RAP442CW-6, Right	441CC-7 442CW-6	RA1J4-6, RA-D-9-14-5		
Deice, Dual Instruments SN. 34-7570001 thru 34-7870492	TCM TSIO-360-E TCM LTSIO-360-E	RAP441CC-7, Left RAP442CW-6, Right	441CC-7 442CW-6	RA-B3-5-1, RA1J4-6		
SN. 34-7970001 thru 34-8170092	TCM TSIO-360-E TCM LTSIO-360-E	RAP441CC-7, Left RAP442CW-6, Right	441CC-7 442CW-6	RA1J4-6, RA-D-9-14-5		
PA-34-220T Seneca Non Deice	TCM TSIO-360-K TCM LTSIO-360-K	RAP215CC, Left Right	211CC 212CW	RA-B3-5-1, RA-D9-18-1		1H5-18
Deice	TCM TSIO-360-K TCM LTSIO-360-K	RAP441CC-7, Left RAP442CW-6, Right	441CC-7 442CW-6	RA-B3-5-1, RA-D9-18-1		1H5-18
PA-36-300 Brave	LYC IO-540-K	RAP215CC	211CC			
PA-38-112 Tomahawk	LYC O-235-L2C	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-23	
PA-39 Twin Comanche C/R	LYC IO-320-B LYC LIO-320-B	RAP215CC, Left Right	211CC 212CW	RA-B3-5-1, RA-D9-18-1		1H5-2
PA-40 Arapaho Non Deice	LYC IO-320-B LYC LIO-320-B	RAP215CC, Left Right	211CC 212CW			
PA-42-720, PA-42-1000 Cheyenne III				RA-D-9-18-1		
PA-44-180 Seminole	LYC O-360-A, -E LYC LO-360-E	RAP215CC, Left Right	211CC 212CW	RAD9-18-1		1H5-8
PA-44-180T Turbo Seminole Non Deice	LYC TO-360-E LYC LTO-360-E	Left Right	211CC 212CW	RAD9-18-1		1H5-8
Deice	LYC TO-360-E LYC LTO-360-E	RAP441CC-7, Left RAP442CW-6, Right	441CC-7 442CW-6	RAD9-18-1		1H5-8
PA-46-310P Malibu						
Non Deice, Single Pump System	TCM TSIO-520-B	RAP216CW	212CW	RA-B3-5-1, RA-D9-18-1		
Non Deice with Standby System	TCM TSIO-520-B	RAP442CW-6, Left	442CW-6	RA-B3-5-1, RA-D9-18-1	RA2H3-6	1H5-18
Deice	TCM TSIO-520-B	RAP442CW-6, Left	442CW-6	RA-B3-5-1, RA-D9-18-1		1H5-18, 1H5-20
PA-46-350 Non Deice, Single Pump	LYC TIO-540-AE	RAP216CW	212CW	RA-B3-5-1, RA-D9-18-1		
PA-46-350P Malibu Mirage Dual Pump	LYC TIO-540-AE	RAP441CC-17, Upper RAP442CW-6, Lower	441CC-17 442CW-6	RA-B3-5-1, RA-D9-18-1	RA2H3-6	1H5-18
PA-60 Series - see Aerostar						
Raytheon - see Beechcraft						
Rockwell / Gulfstream / Commander						
112 Commander	LYC O-360-C	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
112A	LYC IO-360-C	RAP215CC	211CC			
112B Alpine	LYC IO-360-C	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
112TC	LYC TO-360-C	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
112TCA	LYC TO-360-C	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
114, 114A Gran Turismo	LYC IO-540-T	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
500 thru 700 Series - see Aero Commander						
Socata / Aerospatiale						
MS88B	TCM O-200-A	RAP215CC-9	211CC-9			
MS892A-150 & E-150	LYC O-320-E	RAP215CC	211CC			
MS893A, E	LYC O-360-A	RAP215CC	211CC			
MS894A, E	Franklin 6A-350-C	RAP216CW	212CW			
100S	TCM O-200-A	RAP215CC-9	211CC-9			
150T, ST	LYC O-320-E	RAP215CC	211CC			
235E	LYC O-540-B	RAP215CC	211CC			
TB9 SN. 001 - 822, 850 - 947 except 888	LYC O-320-D	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
TB10 Tobago	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
Aux. Backup Sys. SN. 984 and up						1H5-21

For reference only. For installation eligibility refer to the FAA-PMA Supplement.

Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Manifold Overhaul
		New	Overhaul			
TB20 Trinidad Aux. Backup Sys. SN. 984 and up	LYC O-540-C	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	1H5-21
TB21 SN. 275 - 822, 858 - 947 excpt. 888 948 and up	LYC TIO-540-A			RA-B3-5-1, RA-D9-18-1	RA2H3-12	1H5-21
Siai - Marchetti						
S.205-18/F, /R	LYC O-360-A	RAP215CC	211CC			
S.205-20/F, /R	LYC O-360-A	RAP215CC	211CC			
S.205-22/R	Franklin 6A-350-C	RAP216CW	212CW			
S.208/A, F.260/B/-C	LYC O-540-E	RAP215CC	211CC			
S.210	LYC TIO-360-A	RAP215CC	211CC			
Ted Smith Aerostar - see Areostar						
Vulcanair / Partenavia						
P68, P68B, P68C	LYC IO-360-A	RAP215CC	211CC	RA1J7-1		1H5-1
Deice	LYC IO-360-A	RAP441CC-23	441CC-23			
P68C-TC	LYC IO-360-C	RAP215CC	211CC	RA1J7-1		1H5-1
Deice	LYC IO-360-C	RAP441CC-23	441CC-23			
AP68TP300, AP68TP600				RA1J7-1		1H5-1

For reference only.

Section 2:

Beechcraft Bonanza Standby System By RAPCO - Replacement Parts

Bonanza Series	Continental Engine Series	Dry Air Pump		Filters	
		New	Overhaul	Pressure System	Vac. System
33, 35H and on, and 36 Series	470, 520, 550, Series	RAP216CW	212CW	RA1J4-7 & 62-1110	RA1J4-7

For reference only.

Section 3:

Kit Plane Vacuum System Kit By RAPCO - Replacement Parts

Kit Number and Description	Dry Air Pump		Filters	Regulator
	New	Overhaul		
RAVAC-K1 For counter clockwise turning accessory drives. (see below)	RAP215CC	211CC	RA-B3-5-1 & RA-D9-18-1	RA2H3-12
RAVAC-K2 For clockwise turning accessory drives. (see below)	RAP216CW	212CW	RA-B3-5-1 & RA-D9-18-1	RA2H3-12

For reference only.

Section 4:

Dry Air Pump Application Guide for Kit Plane and Experimental Aircraft Engines

For aircraft with two vacuum gyro instrument.

Engine Manufacturer	Engine Model	Dry Air Pump	
		New	Overhaul
Continental	O-200-A thru -C	RAP215CC-9	211CC-9
	IO-240	RAP216CW	212CW
	IO-360	RAP215CC	211CC
	IO-520	RAP216CW	212CW
	IO-550	RAP216CW	212CW
Jabiru	2200	RAP216CW	212CW
	2300	RAP216CW	212CW
Lycoming	O-235	RAP215CC	211CC
	O-290	RAP215CC	211CC
	O-320	RAP215CC	211CC
	O-360	RAP215CC	211CC
	IO-360	RAP215CC	211CC
	O-540	RAP215CC	211CC
Pratt & Whitney	R-985	RAP216CW	212CW
	R-1340	RAP216CW	212CW
Rotax	912	RAP215CC	211CC
	914	RAP215CC	211CC

For reference only. For installation eligibility refer to the FAA-PMA Supplement.

PA081913

RAPCO, inc.
REPLACEMENT AIRCRAFT PARTS CO.



For reference only. For installation eligibility refer to the FAA-PMA Supplement.