

# RAPCO INC. PNEUMATICS APPLICATION GUIDE

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

This Application Guide is to be used for reference only.

When selecting a part for installation consult the appropriate aircraft maintenance manual, parts catalogue, or equipment list for optional installations.

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.

Refer to the FAA-PMA Supplement for installation eligibility.

## Section 1: Type Certificated Aircraft

### Section 2: Kit Plane Vacuum System Kit By RAPCO - Replacement Parts

### Section 3: Dry Air Pump Application Guide for Kit Plane and Experimental Aircraft Engines

### Section 4: Beech Rudder Boost Filter

#### Section 1:

#### Type Certificated Aircraft

Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Check Valve
		New	Overhaul			
<b>Aero Commander / Gulfstream / Rockwell / Twin Comander</b>						
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			RA2J4-7, RA-D-9-14-5		
700 Deice	LYC TIO-540-R			RA2J4-7, RA-D-9-14-5		
<b>Aeronca - see American Champion</b>						
<b>Aerospatial - see Socata</b>						
<b>Aerostar / Ted Smith Aerostar / Piper Aerostar</b>						
360, 400	LYC O-360-D, -E	RAP215CC	211CC	RA2J4-4		
600 thru 701P - see Piper PA-60	LYC IO-540-G, -P	RAP241CC-13	241CC-13	RA-D-9-14-5, RA2J4-4		
PA-60-600, -601 Aerostar Non Deice						
PA-60-601P, PA-60-602P Non Deice	LYC IO-540-P, -A	RAP241CC-13	241CC-13	RA2J4-4, RA-D-9-14-5		
PA-60-601P, PA-60-602P Deice	LYC IO-540-P, -A	RAP441CC-17	441CC-17	RA2J4-4, RA-D-9-14-5		
PA-60-700P	LYC TIO-540-U	RAP441CC-17, Left	441CC-17	RA2J4-4, RA-D-9-14-5		
	LYC LTIO-540-U	RAP442CW-20, Right	442CW-20			
<b>American Aviation / American General - see Grumman</b>						
<b>American Champion / Bellanca / Champion / Aeronca</b>						
7AC	LYC O-235-C	RAP215CC	211CC			
7GC, 7HC	LYC O-290-D	RAP215CC	211CC			
7GCA, 7GCB, 7KC, 7GCBA, Citabria	LYC O-320-A	RAP215CC	211CC			
7ECA, Champ	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, Decathlon	LYC IO-320-E	RAP215CC	211CC			
8GCBC, Scout	LYC O-360-C	RAP215CC	211CC			
<b>Aviat</b>						
A1C-160 Husky	LYC O-320-D2A	RAP215CC	211CC	RA1J7-1, RA-B3-5-1	RA2H3-23	
A1C-180 Husky	LYC O-320-A1P	RAP215CC	211CC	RA1J7-1, RA-B3-5-1	RA2H3-23	
A1C-200 Husky	LYC IO-360-A1D6	RAP215CC	211CC	RA1J7-1, RA-B3-5-1	RA2H3-23	
<b>Beech / Beechcraft / Raytheon / Hawker Beechcraft / Textron</b>						
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	

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	Check Valve
		New	Overhaul			
<b>B24R</b> 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	
<b>C24R</b> 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	
<b>Debonair</b>						
<b>35-33, 35-A33</b> w/ Conversion Kit	TCM IO-470-J	RAP216CW	212CW			
<b>35-B33</b> w/ Conversion Kit	TCM IO-470-K	RAP216CW	212CW			
<b>35-C33</b> SN. CD826 - CD1118 and SN. CE1 - CE179 except CD982 w/ Conv.	TCM IO-470-K	RAP216CW	212CW		RA2H3-2	
<b>35-C33A</b> SN. CD826 - CD1118 and SN. CE1 - CE179 except CD982 w/ Conversion Kit	TCM IO-520-B, -BA	RAP216CW RAP242CW	212CW 242CW		RA2H3-2	
<b>E33 Bonanza</b> SN. CD1119 - CD1234, CE180 - CE289	TCM IO-470-K, IO-550	RAP216CW	212CW	RA-B3-5-1		
<b>E33A</b> SN. CD1119 - CD1234, CE180 - CE289	TCM IO-520-B	RAP216CW RAP242CW	212CW 242CW			
<b>E33C</b>	TCM IO-520-B, -BA, -BB	RAP216CW RAP242CW	212CW 242CW			
<b>F33</b> SN. CD1244 - 1254	TCM IO-470-K, IO-550	RAP216CW	212CW	RA2J4-7, RA-D-9-14-5		
<b>F33A</b> SN. CE290 - CE297	TCM IO-520-B, -BA, -BB, IO-550	RAP242CW RAP442CW	242CW 442CW	RA-D-9-14-5		
SN. CE298 - CE631	TCM IO-520-B, -BA, -BB, IO-550	RAP242CW RAP442CW	242CW 442CW	RA2J4-7, RA-D-9-14-5		
SN. CE632 -CE1439, CE1441 - CE1456	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW RAP442CW	212CW 442CW	RA2J4-7, RA-D-9-14-5		
SN. CE1441 - CE1456	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW RAP442CW	212CW 442CW	RA2J4-7, RA-D-9-14-5		
SN. CE1440, CE1457 and up	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW	212CW	RA2J4-7, RA-D-9-14-5		
SN. CE1056 - CE1439, CE1441 - CE1456 w/ Standby System	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW	212CW	RA2J4-7, RA-D-9-14-5		
SN. CE1440, CE1457 and up w/ Standby	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW	212CW	RA2J4-7, RA-D-9-14-5		
<b>F33C</b> SN. CJ26 - CJ128	TCM IO-520-B, -BA, -BB, IO-550	RAP242CW RAP442CW	242CW 442CW	RA2J4-7, RA-D-9-14-5		
SN. CJ129 - CJ179	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW RAP442CW	212CW 442CW	RA2J4-7, RA-D-9-14-5		
SN. CJ180 and up	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW	212CW	RA2J4-7, RA-D-9-14-5		
SN. CJ156 - CJ179 w/ Standby System	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW	212CW	RA2J4-7, RA-D-9-14-5		
SN. CJ180 and up w/ Standby System	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW	212CW	RA2J4-7, RA-D-9-14-5		
<b>G33</b> SN. CD1255 - CD1304	TCM IO-470-N, IO-550	RAP216CW	212CW	RA2J4-7, RA-D-9-14-5		
<b>35-33 Debonair</b> - See above						
<b>35, A35 Bonanza</b> w/ Conversion Kit	TCM E-185-1, IO-550	RAP216CW	212CW			
<b>B35, 35R Bonanza</b> w/ Conversion Kit	TCM E-185-8, IO-550	RAP216CW	212CW			
<b>C35, D35, E35, F35 Bonanza</b> w/ Conv.	TCM E-185-11, IO-550	RAP216CW	212CW			
<b>G35 Bonanza</b> w/ Conversion Kit	TCM E-225-8, IO-550	RAP216CW	212CW			
<b>H35 Bonanza</b> w/ Conversion Kit	TCM O-470-G, IO-550	RAP216CW	212CW			
<b>J35, K35, M35 Bonanza</b> w/ Conv. Kit	TCM IO-470-C, IO-550	RAP216CW	212CW			
<b>N35, P35 Bonanza</b> w/ Conversion Kit	TCM IO-470-N, IO-550	RAP216CW	212CW			
<b>S35 Bonanza</b> w/ Conversion Kit	TCM IO-520-B, -BA, IO-550	RAP216CW	212CW 242CW			
SN. D7310 - D7628	TCM IO-520-B, -BA, IO-550	RAP216CW	212CW	RA-B3-5-1	RA2H3-2	
SN. D7629 - D7749	TCM IO-520-B, -BA, IO-550	RAP216CW	212CW	RA-B3-5-1	RA2H3-12	
SN. D7750 - D7976	TCM IO-520-B, -BA, IO-550	RAP216CW	212CW			
<b>V35 Bonanza</b>	TCM IO-520-B, -BA, IO-550	RAP216CW	212CW 242CW			
<b>V35A</b> SN. D7977 - D8598	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW	212CW	RA-B3-5-1	RA2H3-2	
SN. D8599 - D9068	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW	212CW	RA-B3-5-1		
<b>V35A-TC</b> SN. D7977 - D8598	TCM TSIO-520	RAP216CW	212CW	RA-B3-5-1		
SN. D8599 - D9068	TCM TSIO-520	RAP216CW	212CW	RA-B3-5-1		
<b>V35B</b> SN. D9069 - D9855	TCM IO-520-B, -BA, -BB, IO-550	RAP242CW	242CW	RA-D-9-14-5		
SN. D9856 and up Option	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW RAP442CW	212CW 442CW	RA2J4-7, RA-D-9-14-5		
<b>V35B-TC</b> SN. D9069 - D9855	TCM TSIO-520	RAP216CW	242CW	RA2J4-7, RA-D-9-14-5		
SN. D9856 and up Option	TCM TSIO-520	RAP216CW	212CW 442CW	RA2J4-7, RA-D-9-14-5		
<b>36, A36 Bonanza</b>						
SN. E1 - E183	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW RAP242CW	212CW 242CW	RA-B3-5-1		
SN. E184	TCM IO-520-B, -BA, -BB, IO-550	RAP242CW RAP442CW	242CW 442CW	RA2J4-7, RA-B3-5-1		
SN. E185 - E196	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW RAP242CW	212CW 242CW	RA-B3-5-1		
SN. E197, E203 - E451	TCM IO-520-B, -BA, -BB, IO-550	RAP242CW RAP442CW	242CW 442CW	RA2J4-7, RA-B3-5-1		
SN. E452 - E813	TCM IO-520-B, -BA, -BB, IO-550	RAP242CW RAP442CW	242CW 442CW	RA2J4-7, RA-D-9-14-5		
SN. E814 - E2531 except E2524	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW	212CW	RA2J4-7, RA-D-9-14-5		
SN. E2524, E2532 and up	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW	212CW	RA2J4-7, RA-D-9-14-5		
SN. E2180 and up Standby System	TCM IO-520-B, -BA, -BB, IO-550	RAP216CW	212CW	RA2J4-7, RA-D-9-14-5		

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Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Check Valve
		New	Overhaul			
<b>A36TC, B36TC, Bonanza</b> SN. EA442 - EA502 and EA504 Standby	TCM TSIO-520-U, -UB, IO-550	RAP216CW	212CW	RA2J4-7, RA-D-9-14-5		
SN. EA503, EA505 and up W/ Standby Sys.	TCM TSIO-520-U, -UB, IO-550	RAP216CW	212CW	RA2J4-7, RA-D-9-14-5		
<b>45 (YT-34) Mentor</b>	TCM E-225-8	RAP216CW	212CW			
<b>A45 (T-34A)</b>	TCM O-470	RAP216CW	212CW			
<b>B-45, D45 (T-34B)</b>	TCM O-470	RAP216CW	212CW			
<b>50, B50 Twin Bonanza</b>	LYC GO-435-C	RAP216CW	212CW			
<b>G50, H50 Twin Bonanza</b>	LYC IGSO-480-A	RAP442CW	442CW			
<b>55, 56, 58 Baron</b> - See Below						
<b>65-B80 Queen Air</b> Non Deice SN. LD362 and up	LYC IGSO-540-A	RAP441CC-9	441CC-9	RA2J4-6, RA-D-9-14-5		
<b>A65 Queen Air</b> 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	RA2J4-7, RA-D-9-14-5		
<b>A65 Queen Air</b> Deice SN. LC271 and up	LYC IGSO-480-A	RAP442CW	442CW	RA2J4-7, RA-D-9-14-5		
<b>70 Queen Air</b>	LYC IGSO-480-A	RAP442CW	442CW	RA2J4-6, RA-D-9-14-5		
<b>95, B95 Travel Air</b>	LYC O-360-A	RAP215CC	211CC			
<b>B95A Travel Air</b>	LYC IO-360-B	RAP215CC	211CC			
<b>D95A Travel Air</b> SN. TD534 - TD622	LYC IO-360-B				RA2H3-2	
SN. TD623 - TD707	LYC IO-360-B				RA2H3-6	
<b>E95 Travel Air</b> Non Deice SN. TD708 up	LYC IO-360-B	RAP215CC	211CC			
<b>E95 Travel Air</b> Deice SN. TD708 and up	LYC IO-360-B	RAP441CC	441CC			
<b>95-55 Baron</b>	TCM IO-470-L	RAP216CW	212CW			
		RAP442CW	442CW			
<b>95-A55 Baron</b>	TCM IO-470-L	RAP216CW	212CW			
		RAP442CW	442CW			
<b>95-B55 Baron</b> Non Deice SN. TC1608 - TC2002	TCM IO-470-L		442CW-14 442CW		RA2H3-6	
SN. TC2003 - TC2075	TCM IO-470-L	RAP216CW	212CW	RA2J4-7, RA-D-9-14-5		
		RAP442CW-12	442CW-12			
SN. TC2076 and up	TCM IO-470-L	RAP216CW	212CW	RA2J4-7, RA-D-9-14-5		
		RAP442CW-14	442CW-14			
<b>95-B55 Baron</b> Deice SN. TC2003 and up	TCM IO-470-L	RAP442CW-14	442CW-14 442CW	RA2J4-7, RA-B3-5-1		
<b>95-C55</b>	TCM IO-520-C	RAP242CW	242CW	RA-B3-5-1		
		RAP442CW-12	442CW-12			
<b>95-C55A</b>	TCM IO-520-C	RAP242CW	242CW			
		RAP442CW-12	442CW-12			
<b>D55</b> Non Deice SN. TE452 - TE767	TCM IO-520-C, -CB	RAP242CW	242CW	RA2J4-7, RA-B3-5-1		
		RAP442CW-12	442CW-12			
<b>D55</b> Deice SN. TE452 - TE767	TCM IO-520-C, -CB	RAP442CW-12	442CW-12	RA2J4-7, RA-D-9-14-5		
<b>D55A</b> Non Deice	TCM IO-520-C, -CB	RAP216CW	212CW			
		RAP242CW	242CW			
<b>D55A</b> Deice	TCM IO-520-C, -CB	RAP442CW-12	442CW-12			
<b>E55</b> Non Deice SN. TE768 - TE936	TCM IO-520-C, -CB	RAP242CW	242CW	RA2J4-7, RA-B3-5-1		
		RAP442CW-12	442CW-12			
SN. TE937, TE939 - TE942	TCM IO-520-C, -CB	RAP242CW	242CW	RA2J4-7, RA-D-9-14-5		
		RAP442CW-12	442CW-12			
SN. TE938, TE943 - TE1113	TCM IO-520-C, -CB	RAP242CW	242CW	RA2J4-7, RA-D-9-14-5		
SN. TE1114 and up	TCM IO-520-C, -CB	RAP442CW-14	442CW-14	RA2J4-7, RA-D-9-14-5		
<b>E55</b> Deice SN. TE768 - TE942 except TE938	TCM IO-520-C, -CB	RAP442CW-12	442CW-12	RA2J4-7, RA-D-9-14-5		
SN. TE938, TE943 - TE1074	TCM IO-520-C, -CB	RAP442CW-14	442CW-14	RA2J4-7, RA-D-9-14-5		
SN. TE1075 and up	TCM IO-520-C, -CB	RAP442CW-14	442CW-14	RA2J4-7, RA-D-9-14-5		
<b>55A</b> Non Deice	TCM IO-520-C, -CB	RAP216CW	212CW			
		RAP242CW	242CW			
<b>55A</b> Deice	TCM IO-520-C, -CB	RAP442CW-12	442CW-12			
<b>56TC Baron</b> Non Deice SN. TG1 - TG51	LYC TIO-541-E	RAP242CW	242CW	RA-B3-5-1	RA2H3-6	
SN. TG52 - TG74	LYC TIO-541-E	RAP242CW	242CW	RA2J4-6, RA-B3-5-1		
SN. TG75 - TG83	LYC TIO-541-E	RAP242CW	242CW	RA2J4-6, RA-B3-5-1		
SN. TG84 - TG94	LYC TIO-541-E	RAP442CW	442CW	RA2J4-6, RA-B3-5-1		
<b>56TC Baron</b> Deice SN. TG52 - TG74	LYC TIO-541-E	RAP442CW	442CW	RA2J4-6, RA-B3-5-1		
<b>58 Baron</b> Non Deice SN. TH1 - TH177	TCM IO-520-C	RAP242CW	242CW	RA2J4-7, RA-D-9-14-5		
SN. TH178 - TH186	TCM IO-520-C	RAP242CW	242CW	RA2J4-7, RA-D-9-14-5		
SN. TH187 - TH873	TCM IO-520-C	RAP242CW	242CW	RA2J4-7, RA-D-9-14-5		
SN. TH874 and up	TCM IO-520-C	RAP216CW	212CW	RA2J4-7, RA-D-9-14-5		
<b>58 Baron</b> Deice SN. TH1 - TH177	TCM IO-520-C	RAP442CW-14	442CW-14	RA2J4-7, RA-D-9-14-5		
	TCM IO-520-C	RAP442CW-12	442CW-12	RA2J4-7, RA-D-9-14-5		
SN. TH178 - TH186	TCM IO-520-C	RAP442CW-14	442CW-14	RA2J4-7, RA-D-9-14-5		
	TCM IO-520-C	RAP442CW-12	442CW-12	RA2J4-7, RA-D-9-14-5		
SN. TH187 - TH851 except TH792	TCM IO-520-C	RAP442CW-14	442CW-14	RA2J4-7, RA-D-9-14-5		
	TCM IO-520-C	RAP442CW-12	442CW-12	RA2J4-7, RA-D-9-14-5		
SN. TH792, TH852 and up	TCM IO-520-C	RAP442CW-14	442CW-14	RA2J4-7, RA-D-9-14-5		
	TCM IO-520-C	RAP442CW-12	442CW-12	RA2J4-7, RA-D-9-14-5		
<b>58P Baron</b> Non Deice SN. TJ3 - TJ4	TCM TSIO-520-L, -LB	RAP242CW-4	242CW-4	RA2J4-7		
SN. TJ5 - TJ84	TCM TSIO-520-L, -LB	RAP242CW-4	242CW-4	RA2J4-7		
SN. J85 - TJ97 except TJ86	TCM TSIO-520-L, -LB	RAP242CW-4	242CW-4	RA2J4-7		
SN. TJ86, TJ98 - TJ122	TCM TSIO-520-L, -LB	RAP242CW-4	242CW-4	RA2J4-7		
SN. TJ123 - TJ543 except TJ436	TCM TSIO-520-L, -LB	RAP242CW-4	242CW-4	RA2J4-7		
SN. TJ436, TJ444 and up	TCM TSIO-520-L, -LB	RAP242CW-4	242CW-4	RA2J4-7		

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	Check Valve
		New	Overhaul			
<b>58P Baron</b> Deice SN. TJ3 - TJ4	TCM TSIO-520-L, -LB	RAP442CW-4	442CW-4	RA2J4-7		
SN. TJ5 - TJ84	TCM TSIO-520-L, -LB	RAP442CW-4	442CW-4	RA2J4-7		
SN. TJ85 - TJ97 except TJ86	TCM TSIO-520-L, -LB	RAP442CW-4	442CW-4	RA2J4-7		
SN. TJ86, TJ316	TCM TSIO-520-L, -LB	RAP442CW-4	442CW-4	RA2J4-7		
SN. TJ317 - TJ443 except TJ436	TCM TSIO-520-L, -LB	RAP442CW-4	442CW-4	RA2J4-7		
SN. TJ436, TJ444 and up	TCM TSIO-520-L, -LB	RAP442CW-4	442CW-4	RA2J4-7		
<b>58TC Baron</b> Non Deice SN. TK1 - TK56	TCM TSIO-520-L, -LB	RAP242CW-4	242CW-4	RA2J4-7, RA-D-9-14-5		
SN. TK57 - TK150 except TK147	TCM TSIO-520-L, -LB	RAP242CW-4	242CW-4	RA2J4-7, RA-D-9-14-5		
<b>58TC Baron</b> Deice SN. TK1 - TK56	TCM TSIO-520-L, -LB	RAP442CW-4	442CW-4	RA2J4-7, RA-D-9-14-5		
SN. TK57 - TK150 except TK147	TCM TSIO-520-L, -LB	RAP442CW-4	442CW-4	RA2J4-7, RA-D-9-14-5		
<b>60, A60 Duke</b> 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		
<b>60, A60 Duke</b> 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		
<b>A60 Duke</b> 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		
<b>B60 Duke</b> Non Deice SN. P247 - P508 Single Instrument	LYC TIO-541-E	RAP242CW	242CW	RA2J4-7, RA-D-9-14-5		
SN. P247 - P508 Dual Instrument	LYC TIO-541-E	RAP442CW	442CW	RA2J4-7, RA-D-9-14-5		
SN. P509 and up Single Instrument	LYC TIO-541-E	RAP242CW	242CW	RA2J4-7, RA-D-9-14-5		
SN. P509 and up Dual Instrument	LYC TIO-541-E	RAP442CW	442CW	RA2J4-7, RA-D-9-14-5		
<b>B60 Duke</b> Deice SN. P247 - P307 Single Instrument	LYC TIO-541-E	RAP442CW	442CW	RA2J4-7, RA-D-9-14-5		
SN. P308 - P378 Dual Instrument	LYC TIO-541-E	RAP442CW	442CW	RA2J4-7, RA-D-9-14-5		
SN. P379 - P508	LYC TIO-541-E	RAP242CW	242CW	RA2J4-7, RA-D-9-14-5		
SN. P509 and up	LYC TIO-541-E	RAP442CW	442CW	RA2J4-7, RA-D-9-14-5		
<b>A65 Queen Air</b> SN 271 and up	LYC IGSO-480-A	RAP442CW	442CW	RA2J4-7		
<b>65-B80 Queen Air</b>	LYC IGSO-480-A	RAP442CW	442CW	RA2J4-7, RA-D9-14-3		
<b>70 Queen Air</b>	LYC IGSO-480-A	RAP442CW	442CW	RA2J4-7, RA-D9-14-3		
<b>76 Duchess</b>	LYC O-360-A LYC LO-360-A	RAP215CC, Left RAP216CW, Right	211CC 212CW	RA2J4-7, RA-D9-14-3		
<b>77 Skipper</b>	LYC O-235-L2C	RAP215CC	211CC	RA-B3-5-1, RA2J4-4, -7		
<b>90 King Air</b> SN. LJ1 - LJ113	PW PT-6			RA-B3-5-1		
<b>A90 King Air</b> SN. LJ141 - LJ317	PW PT-6					
<b>B90 King Air</b> SN. LJ318 - LJ501	PW PT-6			RA-B3-5-1	RA2H3-11	
<b>C90A, C90DT, C90GTi, Rudder Boost Filter</b> - also see section 4:				RA101-524009-0163		
<b>C90 King Air</b> SN. LJ502 and up	PW PT-6			RA-B3-5-1	RA2H3-11, -15	
<b>C90A King Air</b> SN. LJ1063 and up	PW PT-6			RA-B3-5-1	RA2H3-11, -15	
<b>C90GT King Air</b>	PW PT-6				RA2H3-11, -15	
<b>C90GTi King Air</b>	PW PT-6				RA2H3-15	
<b>E90 King Air</b> SN. LW1 and up	PW PT-6			RA-B3-5-1	RA2H3-11, -15	
<b>F90</b> SN. LA2 - LA204 except LA186,	PW PT-6			RA-B3-5-1	RA2H3-11, -15	
SN. LA200 - LA202	PW PT-6			RA-B3-5-1	RA2H3-11, -15	
<b>95 Series Travel Air</b> - see above	PW PT-6					
<b>100 King Air</b> Deice B2 - B89 and B93	PW PT-6			RA-B3-5-1	RA2H3-11	
SN. B1, B90 - B234 except B93	PW PT-6			RA-B3-5-1	RA2H3-11, -15	
SN. B235 and up	PW PT-6			RA-B3-5-1	RA2H3-15	
SN. BE1 and up	PW PT-6			RA-B3-5-1	RA2H3-15	
<b>A100-1 Rudder Boost Filter</b> - also see section 4:				RA101-524009-0163		
<b>B100 King Air</b>	PW PT-6				RA2H3-15	
<b>200, 200C, 200CT, 200T, Rudder Boost Filter</b> - also see section 4:				RA101-524009-0163		
<b>200, B200 Super King Air</b> Deice	PW PT-6					
SN. BB-2 thru BB-1265	PW PT-6			RA-B3-5-1	RA2H3-11, -15	
<b>200C, B200C Super King Air</b> Deice	PW PT-6					
SN. BL-1 thru BL-72	PW PT-6			RA-B3-5-1	RA2H3-11, -15	
<b>200CT, B200CT Super King Air</b> Deice	PW PT-6					
SN. BL-1 thru BL-4	PW PT-6			RA-B3-5-1	RA2H3-11, -15	
<b>200T, B200T Super King Air</b> Deice	PW PT-6					
SN. BL-1 thru BL-30 except BT-28	PW PT-6			RA-B3-5-1	RA2H3-11, -15	
<b>A200, A200C, A200CT, Rudder Boost Filter</b> - also see section 4:				RA101-524009-0163		
<b>B200, B200C, B200CT, B200T, B200GT, B200CGT, Rudder Boost Filter</b> - also see section 4:				RA101-524009-0163		
<b>B200GT</b>	PW PT-6				RA2H3-15	
<b>300, 300LW, B300, B300C</b>	PW PT-6				RA2H3-15	
<b>1900, 1900C, 1900D</b>	PW PT-6				RA2H3-15	
<b>Bellanca</b> - also see American Champion						
<b>14-19</b>	LYC O-435-A	RAP215CC	211CC	RA-B3-5-1		
<b>14-19-2</b>	TCM O-470-D	RAP216CW	212CW			
<b>14-19-3</b>	TCM O-470-F	RAP216CW	212CW	RA-B3-5-1		
<b>14-19-3A</b>	TCM O-470-F	RAP216CW	212CW	RA-B3-5-1	RA2H3-2	
<b>17-30 Viking</b>	TCM IO-520-D	RAP216CW	212CW	RA-B3-5-1	RA2H3-2	
<b>17-30A Super Viking</b>	TCM IO-520-K	RAP216CW	212CW	RA-B3-5-1	RA2H3-12	
<b>17-31,17-31TC</b>	LYC IO-540-G	RAP215CC RAP441CC-7	211CC 441CC-7	RA-B3-5-1	RA2H3-12	
<b>17-31A, 17-31 ATC</b>	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	

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Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Check Valve
		New	Overhaul			
<b>Britten Norman / Pilatus Britten Norman</b>						
<b>BN-2A Islander</b>	LYC O-540-E, IO-540-K		212CW	RA-B3-5-1, RA-D9-18-1	RA2H3-2	RA1H5-1
Deice	LYC O-540-E, IO-540-K	RAP442CW	442CW			
<b>BN2A MK, III, III-2, BKN2A MK, III-3</b>					RA2H3-2	
<b>Cessna</b>						
<b>120, 140</b> with Lycoming	LYC O-235	RAP215CC	211CC			
<b>150, 150A, B, C</b> w/ Conversion Kit	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1		
<b>150 SN.</b> 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	
<b>A150K Aerobat</b> 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	
<b>A150L</b> 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	
<b>A150M SN.</b> A1500524 - A1500685	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1	RA2H3-12	
<b>F150K, Reims</b> F15000530 - F15000658	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
<b>F150L SN.</b> F15000659 - F15001143	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
<b>F150M SN.</b> F15001144 - F15001189	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
SN. F15001190 - F15001339	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1	RA2H3-12	
<b>FA150K SN.</b> FA1500001 - FA1500081	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
<b>FA150L SN.</b> FA1500082 - FA1500261	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
<b>FA150M SN.</b> FA1500262 - FA1500271	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
SN. FA1500272 - FA1500312	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1	RA2H3-12	
<b>152 SN.</b> 15279404 and up	LYC O-235	RAP215CC	211CC	RA-B3-5-1, RA-D-9-18-1	RA2H3-12	
<b>152 w/ Elec. Stdbly.</b> SN. 15285940 and up	LYC O-235	RAP215CC, Primary RAP216CW, Standby	211CC 212CW	RA-B3-5-1, RA-D-9-18-1	RA2H3-12 RA2H3-12	
<b>A152 Aerobat</b> SN. A1520735 and up	LYC O-235	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>A152 w/ Elec. Stdbly.</b> SN. A1521028 & up	LYC O-235	RAP215CC, Primary RAP216CW, Standby	211CC 212CW	RA-B3-5-1, RA-D-9-18-1	RA2H3-12 RA2H3-23	
<b>F152 Reims</b> F150201429 - F15201808	LYC O-235	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>FA152 SN.</b> FA1520337 and up	LYC O-235	RAP215CC	211CW	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>170B w/ Pully Pump Mod.</b> 25373 and up	TCM O-300-A		212CW-6			
<b>172 with Pully Driven Pump Mod.</b>	TCM O-300-A, -B		212CW-6	RA-B3-5-1	RA2H3-2	
<b>172A thru H</b> with Pully Driven Vac Pump	TCM O-300-C		212CW-6			
<b>172A</b>	TCM O-300-D	RAP215CC	211CC			
<b>172B, C Skyhawk</b>	TCM O-300-D	RAP215CC	211CC			
<b>172D, E</b>	TCM O-300-D	RAP215CC	211CC			
<b>172F, G, H SN.</b> 17251823 - 17256512	TCM O-300-D	RAP215CC	211CC			
<b>172 I thru P SN.</b> 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	
<b>172Q Cutlass</b>	LYC O-360-A	RAP215CC, Primary RAP216CW, Standby	211CC 212CW		RA2H3-12	
SN. 17276260 & up w/ Elec.Standby						
<b>172R, S Skyhawk</b> SN. 17280001 and up	LYC IO-360-L	RAP215CC, Upper RAP216CW, Lower	215CC 216CW	RA-D9-18-1	RA2H3-48	
<b>172RG Cutlass</b>	LYC O-360-F	RAP215CC	211CC		RA2H3-12	
<b>F172 Reims</b> SN. F172-0019 - F172-0085	RR, TCM O-300-D			RA-B3-5-1	RA2H3-2	
SN. F172-0086 - F17200804	RR, TCM O-300-D			RA-D-9-14-5		
SN. F17200805 - F17201234	TCM O-300-D	RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5		
SN. F17201235 - F17201384	LYC O-320-E	RAP215CC	211CC	RA-B3-5-1		
SN. F17201385 and up	LYC O-320-E	RAP215CC	211CC	RA-B3-5-1, RA-D-9-14-5		
<b>F172 w/ Elec.Standby</b> F17202234 & up	LYC O-320-D	RAP215CC, Primary RAP216CW, Standby	211CC 212CW	RA-B3-5-1		
<b>FR172K SN.</b> FR17200591 - FR17200675	TCM, RR O-300-K, -KB	RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
<b>P172D SN.</b> P17257120 - P17257188	TCM GO-300-E	RAP216CW	212CW		RA2H3-2	
<b>R172E, R172F Hawk XP</b>	TCM IO-360-D	RAP215CC	211CC			
<b>R172H Hawk XP</b>	TCM IO-360-C, -D, -H	RAP215CC	211CC			
<b>R172J Hawk XP</b>	TCM IO-360-H, -HB	RAP215CC	211CC			
<b>R172K SN.</b> R1722000 - R1723454	TCM IO-360-K, -KB	RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
<b>175, 175A, 175B, 175C Skylark</b> w/ Conv.	TCM GO-300-A, -C, -D, -E	RAP216CW	212CW			
<b>177 Cardinal</b> 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	

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Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Check Valve
		New	Overhaul			
<b>177RG</b> SN. 177RG001 - 177RG1012	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
SN. 177RG1013 - 177RG1087	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
SN. 177RG1088	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-14-5	RA2H3-12	
SN. 177RG1089 - 177RG1386	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>F177RG</b> SN. F177RG001 - F177RG0160	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
SN. F177RG0161 - F177RG0177	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
<b>180, 180A thru F Skywagon</b> w/ Conv.	TCM O-470-A,-K, -L, -R	RAP216CW	212CW	RA-B3-5-1, RA-D-9-14-5		
<b>180G</b>	TCM O-470-L, -R	RAP216CW	212CW	RA-B3-5-1	RA2H3-2	
<b>180</b> SN. 18051446 - 18052309	TCM O-470-L, -R	RAP216CW	212CW	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		
<b>182 thru G Skylane</b> w/ Conversion Kit	TCM O-470-L, -R	RAP216CW	212CW	RA-B3-5-1		
<b>182H thru M</b> SN. 18255845 - 18260445	TCM O-470-R, -S	RAP216CW	212CW	RA-D-9-14-5		
<b>182N and P</b> SN. 18260446 - 18262465	TCM O-470-R, -S	RAP216CW	212CW	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
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	RA1J10-1	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	
<b>182Q thru R Skylane</b>	TCM O-470-U	RAP216CW	212CW		RA2H3-12	
<b>182S, 182T, T182T</b> SN. 18280001 and up	LYC IO-540-A LYC IO-540-A	RAP215CC, Upper RAP216CW, Lower	215CC 216CW		RA2H3-48	
<b>F182</b> Reims SN. F18200001 - F18200025	TCM O-470-S	RAP216CW	212CW	RA1J10-1		
SN. F18200026 - F18200169	TCM O-470-U	RAP216CW	212CW	RA-D9-18-1		
<b>FR182</b> SN. R18200001 - F18200070	LYC O-540-J	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>R182, TR182</b> SN. R18200001 and up	LYC O-540-J	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
w/ Elec. Drive Pump R18202000 and up	LYC O-540-J	RAP216CW	212CW			
<b>T182</b> SN. 18267716 - 18268434	LYC O-540-L	RAP215CC	211CC	RA-D9-18-1	RA2H3-12	
SN. 18268435 and up, Elec. Driven Pump	LYC O-540-L	RAP216CW	212CW	RA-D9-18-1		
<b>185A, B, Skywagon</b> w/ Conversion Kit	TCM IO-470-F	RAP216CW	212CW			
<b>185C</b> SN. 185-0654 - 185-0776	TCM IO-470-F	RAP216CW	212CW		RA2H3-2	
<b>185D</b> SN. 185-0777 - 18502142	TCM IO-470-F	RAP216CW	212CW			
<b>185</b> SN. 18502143 - 18502310	TCM IO-520-D	RAP216CW	212CW			
<b>A185E, F</b>	TCM IO-520-D	RAP216CW	212CW			
<b>188, 188A, 188B Ag Wagon</b>	TCM O-470-R, -S	RAP216CW	212CW			
<b>A188, A188A, A188B</b>	TCM IO-520-D	RAP216CW	212CW			
<b>205, 205A</b>	TCM IO-470-S	RAP216CW	212CW			
<b>206 Stationair / Super Skywagon</b>	TCM IO-520-A	RAP216CW	212CW			
<b>206, U206, U206A, P206, P206A thru E</b>						
<b>206</b> SN. 20680001 and up	LYC IO-540-A	RAP215CC, Upper RAP216CW, Lower	211CC 212CW		RA2H3-48	
<b>U206B thru G</b>	TCM IO-520-F	RAP216CW	212CW	RA-B3-5-1		
<b>U206, TU206 Stationair</b> Single Pump	TCM IO-520-FC, TSIO-520-C,M	RAP216CW	212CW	RA-B3-5-1, RA-D-9-14-5		
SN. U20602200 - U20603449						
SN. U20603450 and up	TCM IO-520-FC, TSIO-520-C,M	RAP216CW	212CW	RA-B3-5-1		
<b>U206, TU206</b> Dual Pump	TCM IO-520-A,F, TSIO-520-C,M	RAP216CW, Right	212CW	RA-B3-5-1		
SN. U20606700 and up						
<b>U206, TU206</b> w/ Electric Standby	TCM IO-520-A,F, TSIO-520-C,M	RAP216CW	212CW	RA-B3-5-1		
<b>TU206A thru E, TP206A thru E</b>	TCM TSIO-520-C	RAP216CW	212CW			
<b>TU206F</b>	TCM TSIO-520-C	RAP242CW	242CW			
<b>207 T207 Skywagon</b>	TCM IO-520-F, TSIO-520-G,-M	RAP216CW	212CW	RA-D-9-14-5		
SN. 20700001 - 20700220						
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		
<b>210 (Centurion)</b> Non Deice Single Pump w/ Conversion Kit	TCM IO-470-E, -S, IO-520-L	RAP216CW	212CW	RA-B3-5-1		
<b>210</b> 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		
<b>210</b> Electric System w/ Conversion Kit	TCM IO-470-E, -S, IO-520-A, -L	RAP216CW	212CW	RA-B3-5-1		
<b>210</b> Deice, Single Pump w/ Conversion Kit	TCM IO-470-E, -S, IO-520-A, -L	RAP442CW-8	442CW-8	RA-B3-5-1		
<b>210</b> Deice, Dual Pump	TCM IO-520-A, -J, -L	RAP216CW, Left RAP442CW-8, Right	212CW 442CW-8	RA-B3-5-1		
SN. 21064136 - 21064535 w/ Mod.						
SN. 21064536 - 21064772	TCM IO-520-A, -J, -L	RAP216CW, Left RAP442CW-8, Right	212CW 442CW-8	RA-B3-5-1		
SN. 21064773 thru 21064897	TCM IO-520-A, -J, -L	RAP442CW-8	442CW-8	RA-B3-5-1		
SN. 21064898 - 21065009	TCM IO-520-L	RAP442CW-8	442CW-8	RA-B3-5-1		
<b>T210</b> Non Deice, Single Pump	TCM TSIO-520-C, -H, -R	RAP216CW	212CW			
SN. 21059810 and up						
<b>T210</b> Non Deice, Dual Pump	TCM TSIO-520-C, -H, -R	RAP216CW	212CW			
SN. 21064536 - 21064772						
SN. 21064136 - 21064535 w/ Mod.	TCM TSIO-520-C, -H, -R	RAP216CW, Left	212CW			
<b>T210</b> with Electric Driven System	TCM TSIO-520-C, -H, -R	RAP216CW	212CW		RA2H3-2	
<b>T210</b> Deice, Single Pump	TCM TSIO-520-C, -H, -R	RAP442CW-8	442CW-8			
<b>T210</b> Deice, Dual Pump	TCM TSIO-520-C, -H, -R	RAP216CW, Left RAP442CW-8, Right	212CW 442CW-8			
SN. 21064136 - 21064535 w/ Mod.						
SN. 21064536 - 21064772	TCM TSIO-520-C, -H, -R	RAP216CW, Left RAP442CW-8, Right	212CW 442CW-8			
SN. 21064773 - 21064897	TCM TSIO-520-C, -H, -R	RAP216CW, Left RAP442CW-8, Right	212CW 442CW-8			
SN. 21064898 and up	TCM TSIO-520-C, -H, -R	RAP442CW-8	442CW-8		RA2H3-2	
<b>P210</b> Non Deice, Single Pump	TCM TSIO-520-P	RAP216CW	212CW			
SN. P21000001 - P21000811						
SN. P21000812 and up	TCM TSIO-520-P	RAP216CW	212CW			

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	Check Valve
		New	Overhaul			
<b>P210</b> Non Deice, Dual Pumps	TCM TSIO-520-P	RAP216CW	212CW			
<b>P210</b> Electric Driven Pump SN. P21000835 and up	TCM TSIO-520-P	RAP216CW	212CW			
SN. P21000001 - P21000760 w/ Mod.	TCM TSIO-520-P	RAP216CW	212CW			
		RAP442CW-8	442CW-8			
SN. P21000835 and up	TCM TSIO-520-P	RAP216CW	212CW			
<b>P210</b> Deice, Single Pump SN. P21000001 - P21000811	TCM TSIO-520-P	RAP442CW-8	442CW-8			
SN. P21000812 and up	TCM TSIO-520-P	RAP442CW-8	442CW-8			
<b>P210</b> Deice, Dual Pump SN. P210000761 - P21000834	TCM TSIO-520-P	RAP442CW-8	442CW-8			
SN. P210000835 and up	TCM TSIO-520-P	RAP442CW-8	442CW-8			
SN. P21000001 - P21000760 w/ Mod.	TCM TSIO-520-P	RAP216CW, Left	212CW			
		RAP442CW-8, Right	442CW-8			
<b>T303 Crusader</b> Non Deice	TCM TSIO-520-AE	RAP216CW, Left	212CW	RA-B3-5-1, RA-D9-18-1	RA2H3-2	RA1H5-1
	TCM LTSIO-520-AE	RAP215CC, Right	211CC			
<b>T303</b> Deice	TCM TSIO-520-AE	RAP442CW-8, Left	442CW-8			
	TCM LTSIO-520-AE	RAP441CC-3, Right	441CC-3			
<b>305A thru F</b> Bird Dog	TCM O-470	RAP216CW	212CW			
<b>310</b>	TCM O-470-B, -M	RAP216CW	212CW	RA-B3-5-1		
<b>310A, 310B</b>	TCM O-470-B, -M	RAP216CW	212CW			
<b>310C thru H and J</b> Non Deice	TCM O-470-D, -U	RAP216CW	212CW			
		RAP242CW	242CW			
<b>310C thru H and J</b> Deice	TCM O-470-D, -U	RAP442CW	442CW			
<b>E310H, E310J</b> Non Deice	TCM IO-470-D, -U	RAP216CW	212CW			
		RAP242CW	242CW			
<b>E310H, E310J</b> Deice	TCM IO-470-D, -U	RAP442CW	442CW			
<b>310I, 310J</b> Non Deice w/ Conversion Kit	TCM IO-470-U	RAP216CW	212CW			
		RAP242CW	242CW			
<b>310I, 310J</b> Deice	TCM IO-470-U	RAP442CW	442CW			
<b>310K</b> Non Deice	TCM IO-470-V, -VO	RAP216CW	212CW			
		RAP242CW	242CW			
<b>310K</b> Deice	TCM IO-470-V, -VO	RAP442CW	442CW			
<b>310L</b> , without Auto Pilot w/ Conv. Kit	TCM IO-470-V, -VO			RA-B3-5-1, RA-D9-18-1		RA1H5-1
<b>310L</b> with Auto Pilot	TCM IO-470-V, -VO	RAP242CW	242CW	RA-B3-5-1, RA-D-9-14-5		RA1H5-1
<b>310N</b> , without Auto Pilot	TCM IO-470-V, -VO			RA-B3-5-1, RA-D-9-14-5		RA1H5-1
<b>310N</b> with Auto Pilot	TCM IO-470-VO	RAP242CW	242CW	RA-B3-5-1, RA-D-9-14-5		RA1H5-1
<b>310P</b> , without Auto Pilot, w/ Conv. Kit	TCM IO-470-VO	RAP216CW	212CW	RA-B3-5-1, RA-D-9-14-5		RA1H5-1
with Auto Pilot	TCM IO-470-VO	RAP242CW	242CW	RA-B3-5-1, RA-D-9-14-5		RA1H5-1
<b>T310P</b> w/ Conversion Kit	TCM TSIO-520-B, -BB	RAP242CW	242CW			
<b>T310P</b> Deice	TCM TSIO-520-B, -BB	RAP442CW	442CW			
<b>310Q</b> , 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		RA1H5-1
SN. 310Q0460 - 310Q0952	TCM IO-470-VO			RA-B3-5-1, RA-D-9-14-5	RA2H3-5	
SM. 310Q0953 and up	TCM IO-470-VO	RAP216CW	212CW	RA-B3-5-1, RA-D-9-14-5	RA2H3-5	
<b>310Q with Auto Pilot</b> w/ Conversion Kit						
SN. 310Q0001 - 310Q0459	TCM IO-470-VO	RAP242CW	242CW	RA-B3-5-1, RA-D-9-14-5		RA1H5-1
SN. 310Q0460 and up	TCM IO-470-VO	RAP242CW	242CW	RA-B3-5-1	RA2H3-5	
<b>T310Q</b> Non Deice, w/ Conversion Kit	TCM TSIO-520-B, -BB	RAP242CW	242CW			
<b>T310Q</b> Deice	TCM TSIO-520-B, -BB	RAP442CW	442CW			
<b>310R</b> Non Deice	TCM IO-520-M, -MB	RAP216CW	212CW	RA-B3-5-1, RA2J4-4	RA2H3-5	
<b>310R</b> Deice	TCM IO-520-M, -MB	RAP442CW	442CW	RA2J4-4		
<b>T310R</b> Non Deice, w/ Conversion Kit	TCM TSIO-520-B, -BB	RAP242CW	242CW	RA2J4-4		
<b>T310R</b> Deice	TCM TSIO-520-B, -BB	RAP442CW	442CW			
<b>320, -1, -A, -B Skynight</b> , 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			
<b>320 Skynight</b> , without Auto Pilot, w/ Con.	TCM TSIO-470-D	RAP216CW	212CW			
with Auto Pilot	TCM TSIO-470-D	RAP242CW	242CW			
<b>320</b> Deice	TCM TSIO-470-D	RAP442CW	442CW			
<b>320D thru F Skynight</b> w/ Conversion Kit	TCM TSIO-520-B, -BB	RAP242CW	242CW			
Deice w/ Conversion Kit	TCM TSIO-520-B, -BB	RAP442CW	442CW			
<b>321</b>	TCM O-470-2	RAP216CW	212CW			
<b>335</b> Non Deice	TCM TSIO-520-EB	RAP216CW	212CW	RA-B3-5-1		
<b>335</b> Deice	TCM TSIO-520-EB	RAP442CW	442CW	RA-B3-5-1		
<b>336 Skymaster</b>	TCM IO-360-A	RAP215CC	211CC	RA-B3-5-1		
<b>337 Skymaster</b> , 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		
SN. 33701551 - 33701610	TCM IO-360-C,-D, -DB	RAP215CC	211CC	RA-B3-5-1, RA1J10-1		
SN. 33701611	TCM IO-360-C,-D, -DB	RAP215CC	211CC	RA-B3-5-1, RA1J10-1		
<b>337</b> Deice SN. 33701490 and up	TCM IO-360-C,-D, -DB	RAP441CC	441CC	RA-B3-5-1		
<b>F337</b> Non Deice SN. F33700001 - F33700055	TCM IO-360-GB	RAP215CC	211CC	RA-D-9-14-5		
SN. F33700056 - F33700063	TCM IO-360-GB	RAP215CC	211CC	RA-D-9-14-5		
SN. F33700064 - F33700074	TCM IO-360-GB	RAP215CC	211CC	RA1J10-1		
SN. F33700075 - F33700086	TCM IO-360-GB	RAP215CC	211CC	RA1J10-1		
<b>F337</b> Deice SN. F33700056 and up	TCM IO-360-GB	RAP441CC	441CC			

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Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Check Valve
		New	Overhaul			
<b>FT337</b> Non Deice SN. F3370001 - F3370015	TCM IO-360-GB	RAP215CC	211CC	RA-D-9-14-5		
SN. F3370016 and up	TCM IO-360-GB	RAP215CC	211CC	RA1J10-1		
<b>FT337</b> Deice SN. F3370001 and up	TCM IO-360-GB	RAP441CC	441CC			
SN. M337B	TCM IO-360-D, -DB	RAP215CC	211CC			
<b>P337</b> SN. P3370001 - P3370226	TCM TSIO-360-C, -CB	RAP215CC	211CC			
<b>P337</b> Deice SN. P3370053 and up	TCM TSIO-360-C, -CB	RAP441CC	441CC	RA-B3-5-1		
<b>P337H</b>	TCM TSIO-360-C, -DB	RAP215CC	211CC	RA1J10-1		
	TCM TSIO-360-C, -DB	RAP441CC	441CC			
<b>T337B</b>	TCM TSIO-360-A, -B	RAP215CC	211CC			
	TCM TSIO-360-A	RAP441CC	441CC			
<b>T337C</b> thru F	TCM TSIO-360-A	RAP215CC	211CC			
	TCM TSIO-360-A	RAP441CC	441CC			
<b>T337G</b> Non Deice SN. P3370001 - P3370225	TCM TSIO-360-C, -CB	RAP215CC	211CC	RA-B3-5-1, RA-D-9-14-5		
SN. P3370226	TCM TSIO-360-C, -CB	RAP215CC	211CC	RA-B3-5-1, RA1J10-1		
<b>T337H Skymaster</b>	TCM TSIO-360H, -HB, -JB	RAP215CC	211CC	RA1J10-1		
<b>T337H-SP Skymaster</b>	TCM TSIO-360H, -HB, -JB	RAP215CC	211CC			
<b>340</b> with Single Instruments	TCM TSIO-520-K, -KB	RAP216CW	212CW	RA-B3-5-1	RA2H3-5	
<b>340</b> with Dual Instruments	TCM TSIO-520-K, -KB	RAP442CW	442CW	RA-B3-5-1	RA2H3-5	
<b>340</b> with Auto Pilot	TCM TSIO-520-K, -KB	RAP242CW	242CW	RA-B3-5-1	RA2H3-5	
<b>340A</b> Non Deice, Single Instruments	TCM TSIO-520-N, -NB	RAP442CW	442CW	RA-B3-5-1	RA2H3-5	
<b>340A</b> with Auto Pilot	TCM TSIO-520-N, -NB	RAP242CW	242CW	RA-B3-5-1	RA2H3-5	
<b>340A</b> Deice	TCM TSIO-520-N, -NB	RAP442CW	442CW	RA-B3-5-1	RA2H3-5	
<b>401, 401A</b> without Auto Pilot, w/ Conv. Kit	TCM TSIO-520-E, -EB	RAP216CW	212CW	RA-B3-5-1, RA2J4-4	RA2H3-5	
<b>401, 401A</b> with Auto Pilot, w/ Conv. Kit	TCM TSIO-520-E, -EB	RAP242CW	242CW 442CW	RA-B3-5-1, RA2J4-4	RA2H3-5	
<b>401B</b> without Auto Pilot SN. 401B0001 - 401B0100	TCM TSIO-520-E, -EB	RAP216CW	212CW	RA-B3-5-1, RA-D-9-14-5, RA2J4-4	RA2H3-5	
SN. 401B0101 - 401B0300	TCM TSIO-520-E, -EB	RAP216CW	212CW	RA-B3-5-1, RA2J4-4	RA2H3-5	
<b>401B</b> with Auto Pilot SN. 401B0001 - 401B0100	TCM TSIO-520-E, -EB	RAP242CW	242CW 442CW	RA-B3-5-1, RA-D-9-14-5, RA2J4-4	RA2H3-5	
SN. 401B0101 - 401B0300	TCM TSIO-520-E, -EB	RAP242CW	242CW 442CW	RA-B3-5-1, RA2J4-4	RA2H3-5	
<b>402</b> w/ Conversion Kit	TCM TSIO-520-E, -EB	RAP216CW	212CW	RA-B3-5-1, RA2J4-4	RA2H3-5	
<b>402A</b> without Auto Pilot, w/ Conv. Kit	TCM TSIO-520-E, -EB	RAP216CW	212CW	RA-B3-5-1, RA-D-9-14-5	RA2H3-5	
<b>402A</b> with Auto Pilot, w/ Conversion Kit	TCM TSIO-520-E, -EB	RAP242CW	242CW 442CW	RA-B3-5-1, RA-D-9-14-5, RA2J4-4	RA2H3-5	
<b>402B</b> without Auto Pilot SN. 401B0001 - 401B0100	TCM TSIO-520-E, -EB	RAP216CW	212CW	RA-B3-5-1, RA-D-9-14-5, RA2J4-4	RA2H3-5	
SN. 401B0101 and up	TCM TSIO-520-E, -EB	RAP216CW	212CW	RA-B3-5-1, RA2J4-4	RA2H3-5	
<b>402B</b> with Auto Pilot SN. 401B0001 - 401B0100	TCM TSIO-520-E, -EB	RAP242CW	242CW 442CW	RA-B3-5-1, RA-D-9-14-5, RA2J4-4	RA2H3-5	
SN. 401B0101 and up	TCM TSIO-520-E, -EB	RAP242CW	242CW 442CW	RA-B3-5-1, RA2J4-4	RA2H3-5	
<b>404</b> Titan	TCM GTSIO-520-M	RAP215CC	211CC			
<b>411, 411A</b> without Auto Pilot	TCM GTSIO-520-C	RAP215CC	211CC		RA2H3-5	
with Auto Pilot	TCM GTSIO-520-C	RAP241CC	241CC			
<b>414, 414A</b> 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	
<b>414, 414A</b> 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	
<b>414, 414A</b> Pressure Instr. 4140251 & up	TCM TSIO-520-J, -JB, -N, -NB	RAP216CW	212CW	RA-B3-5-1		
<b>414, 414A</b> w/ Auto Pilot 4140251 & up	TCM TSIO-520-J, -JB, -N, -NB	RAP242CW	242CW	RA-B3-5-1		
<b>414A</b> with Dual Instruments	TCM TSIO-520-J, -JB, -N, -NB	RAP442CW	442CW	RA-B3-5-1	RA2H3-5	
<b>414A</b> Deice	TCM TSIO-520-J, -JB, -N, -NB	RAP442CW	442CW	RA-B3-5-1	RA2H3-5	
<b>421, A, B Golden Eagle</b> 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			
<b>421, A</b> 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			
<b>421C</b> Non Deice 1976 thru 1985	TCM GTSIO-520-L, N	RAP215CC	211CC	RA-B3-5-1	RA2H3-5	
<b>421C</b> Dual Instrument C1097 and up	TCM GTSIO-520-L, N	RAP441CC	441CC	RA-B3-5-1	RA2H3-5	
<b>421C</b> Deice 1976 thru 1985	TCM GTSIO-520-L, N	RAP441CC	441CC	RA-B3-5-1	RA2H3-5	
<b>Commander</b> - see Rockwell						
<b>Daher</b> - see Socata						
<b>de Havilland</b> - see Viking Air Limited (Twin Otter)						
<b>Fairchild / M7 Aerospace</b>						
<b>SA26-AT Merlin IIB</b>	GAR TPE331-151G				RA2H3-2	
<b>SA227-AT, SA227-TT Metro III</b>	GAR TPE331-303G				RA2H3-2	

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	Check Valve
		New	Overhaul			
<b>Grumman American / American Aviation / American General / Gulfstream / Tiger Aircraft</b>						
<b>AA-1, AA-1A Yankee, Trainer</b>	LYC O-235-C	RAP215CC	211CC	RA1J7-1		
<b>AA-1B Trainer, TC</b>	LYC O-235-C	RAP215CC	211CC	RA1J7-1	RA2H3-12	
SN. AA-1B-0379 and up	LYC O-235-C	RAP215CC	211CC		RA2H3-12	
<b>AA-1C, T Cat / Lynx</b>	LYC O-235-L	RAP215CC	211CC		RA2H3-12	
<b>AA-5 Traveler</b>	LYC O-320-E	RAP215CC	211CC	RA-B3-5-1, RA1J7-1	RA2H3-12	
<b>AA-5A Cheetah</b>	LYC O-320-E	RAP215CC	211CC	RA1J7-1	RA2H3-12	
<b>AA-5B Tiger</b>	LYC O-360-A	RAP215CC	211CC	RA1J7-1	RA2H3-12	
<b>GA-7 Cougar</b>	LYC O-320-D	RAP215CC	211CC	RA2J4-7		
Gulfstream - also see Aero Commander						
Hawker - see Beech						
<b>Helio</b>						
<b>H295, Courier, SN:1204 and up</b>	LYC GO-480-G	RAP216CW	212CW			
<b>500</b>	LYC O-540-A	RAP215CC	211CC			
<b>HT-595</b>	LYC GO-480-G	RAP216CW	212CW			
<b>550, Stallion</b>	LYC TIO-540-J	RAP215CC	211CC			
<b>Lake</b>						
<b>LA-4-200 Buccaneer</b>	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1, RA1J7-1		
<b>250 Renegade</b>	LYC O-540-C	RAP215CC	211CC			
<b>Maule</b>						
<b>M-4-180</b>	Franklin 6A-335-B	RAP216CW	212CW			
<b>M-4-210</b>	TCM IO-360-A, -D	RAP215CC	211CC		RA2H3-2	
<b>M-4-220</b>	Franklin 6A-350-C	RAP216CW	212CW	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>M-5-180C</b>	LYC O-360-C	RAP215CC	211CC			
<b>M-5-200</b>	LYC IO-360-J	RAP215CC	211CC			
<b>M-5-235</b>	LYC O-540-J, IO-540-W	RAP215CC	211CC		RA2H3-12	
<b>M-6-180</b>	LYC O-360-C	RAP215CC	211CC			
<b>M-6-235</b>	LYC O-540-J, IO-540-W	RAP215CC	211CC			
<b>Mitsubishi</b>						
<b>MU-2B-20, -25</b>					RA2H3-6	
<b>Mooney</b>						
<b>M20</b>	LYC O-320	RAP215CC	211CC	RA1J7-1		
<b>M20A</b>	LYC O-360-A	RAP215CC	211CC	RA1J7-1		
<b>M20B SN. 1701B - 1939B</b>	LYC O-360-A	RAP215CC	211CC	RA1J7-1	RA2H3-12	
<b>M20C SN. 194CC up, 680001 - 680225C</b>	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		
<b>M20D SN. 101D and up</b>	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1, RA1J7-1	RA2H3-12	
<b>M20E SN. 101E and up</b>	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		
<b>M20F SN. 670001 - 680215</b>	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		
<b>M20G SN. 680001 - 680205</b>	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		
<b>M20J SN. 24-0001 thru 24-1604</b>	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, RA2J4-6	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		
<b>M20K with Single Alternator</b>	TCM TSIO-360-G, -L, -M, -S	RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
SN. 25-1001 thru 25-1087		RAP241CC	241CC			
SN. 25-1088 and up	TCM TSIO-360-G, -L, -M, -S	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
		RAP241CC	241CC	RA2J4-6		
<b>M20K (231, 252) with Dual Alt. SN. 25000 and up</b>	TCM TSIO-360-G, -L, -M, -S	RAP216CW	212CW	RA-B3-5-1	RA2H3-12	
		RAP242CW-10	242CW-10			
<b>M20K with Standby Sys. SN. 25-1001 up</b>	TCM TSIO-360-G, -L, -M, -S	RAP216CW	212CW	RA-B3-5-1		
<b>M20M</b>	LYC TIO-540-A	RAP241CC-15	241CC-15	RA-B3-5-1, RA-D9-18-1, RA2J4-6		
<b>M20R</b>	TCM IO-550-G	RAP242CW	242CW	RA-B3-5-1, RA-D9-18-1, 242CW-10		
		RAP242CW-10	242CW-10	RA2J4-6		
<b>M22</b>	LYC TIO-541	RAP216CW	212CW	RA-B3-5-1, RA1J7-1		
<b>Navion</b>						
<b>G</b>	TCM IO-470-H	RAP216CW	212CW			
<b>H</b>	TCM IO-520-B	RAP216CW	212CW			
Partenavia - see Vulcanair						
<b>Piaggio</b>						
<b>P.136-L</b>	LYC GO-435-C2B	RAP216CW	212CW			
Pilatus BN - see Britten Norman						

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	Check Valve
		New	Overhaul			
<b>Piper / The New Piper Aircraft Inc.</b>						
<b>J5C</b>	LYC O-235-C	RAP215CC	211CC			
<b>PA-12, PA-12S</b>	LYC O-235-C	RAP215CC	211CC			
<b>PA-14</b>	LYC O-235-C1	RAP215CC	211CC			
<b>PA-16, -16S</b>	LYC O-235-C1	RAP215CC	211CC			
<b>PA-18 Super Cub</b> 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	
<b>PA-20-115, PA-20S-115</b>	LYC O-235-C	RAP215CC	211CC			
<b>PA-20, -20S, -20-135, -20S-135,</b>	LYC O-290-D, -D2	RAP215CC	211CC			
<b>PA-22</b>	LYC O-290-D, -D2	RAP215CC	211CC			
<b>PA-22-108 Tri Pacer</b> 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	
<b>PA-22-135, PA-22S-135</b>	LYC O-290-D	RAP215CC	211CC			
<b>PA-22-150, PA-22S-150</b>	LYC O-320-A, -B	RAP215CC	211CC			
<b>PA-22-160, PA-22S-160</b>	LYC O-320-A, -B	RAP215CC	211CC			
<b>PA-23-160 Apache</b> SN. 23-2395 and up	LYC O-320-A, -B, -C	RAP215CC	211CC	RA-B3-5-1		
	LYC O-320-A, -B, -C			RA-B3-5-1	RA2H3-2	
<b>PA-23-235 Aztec</b>	LYC O-540-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1		
<b>PA-23-235 Deice</b>	LYC O-540-A	RAP441CC-7	441CC-7			
<b>PA-23-250 Non Deice, Pilot Instruments</b> 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		
<b>PA-23-250 Non Deice, Dual Instruments</b> SN. 27-7654001 and up	LYC O-540-A	RAP441CC-7	441CC-7	RA-B3-5-1, RA-D9-18-1		
<b>PA-23-250 Deice - BFG System</b> 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		
<b>PA-23-250 Deice - Airborne System</b> SN. 27-7554112 - 27-7554168	LYC O-540-A	RAP441CC-7	441CC-7			
<b>PA-24-180 Comanche</b> 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		
<b>PA-24-250 Comanche</b> SN. 24-2563, 24-2588 and up	LYC O-540-A, IO-540-C	RAP215CC	211CC	RA-D9-18-1		
	LYC IO-540-D, -N, -R	RAP215CC	211CC	RA-D9-18-1	RA2H3-12	
<b>PA-24-260 Comanche</b>	LYC O-540-D, -E -N, -R	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>PA-24-400 Comanche</b>	LYC IO-720	RAP215CC	211CC		RA2H3-12	
<b>PA-25 Pawnee</b>	LYC O-320, -A	RAP215CC	211CC			
<b>PA-25-235, -260</b>	LYC O-540-B, -G	RAP215CC	211CC			
<b>PA-28-140 Cherokee</b> 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	
<b>PA-28-150</b>	LYC O-320-A, -E	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>PA-28-151 Warrior</b> 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	
<b>PA-28-160 Cherokee</b>	LYC O-320-D	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>PA-28-161 Warrior</b>	LYC O-320-D	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
<b>PA-28-161 with Aux. Pump System</b>	LYC O-320-D	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
<b>PA-28-180, PA-28S-180</b> 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	
<b>PA-28-181 Archer II 28-760001 and up</b>	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
<b>PA-28-181 Archer III 28-90206 and up</b>	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
<b>PA-28-201T Turbo Dakota</b> SN. 28-7921001 thru 28-7921091	TCM TSIO-360-F	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
<b>PA-28R-180 Arrow</b> SN. 28R-30005 thru 28-R7130019	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	
<b>PA-28R-200 Arrow</b> 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	
<b>PA-28R-201 Arrow</b> SN. 28R-7737002 - 28R-7837317	LYC IO-360-C	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
SN. 28R-7837318 and up	LYC IO-360-C	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
SN. 2803001 and up Aux. Pump		RAP215CC	211CC			
<b>PA-28R-201T Turbo Arrow</b> 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	
SN. 2803001 and up Aux. Pump		RAP215CC	211CC			
<b>PA-28RT-201 Arrow IV</b> SN. 28RT-7918001 thru 28R-8218026	LYC IO-360-C	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
<b>PA-28RT-201</b> SN. 28RT-8218027 thru 28R-8218039	LYC IO-360-C	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
<b>PA-28RT-201T 28R-7931001 and Up</b>	TCM TSIO-360-F	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	

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Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Check Valve
		New	Overhaul			
<b>PA-28-235 Cherokee 235, Pathfinder</b> SN. 28-10003 thru 28-11039	LYC O-540-B	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>PA-28-236 Dakota</b>	LYC O-540-J	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
<b>PA-28-236</b> with Aux. Pump System SN. 28-7911001 and up		RAP215CC	211CC	RA-B3-5-1	RA2H3-19	
<b>PA-30 Twin Comanche</b> SN. 30-2 Up	LYC IO-320-B	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1		
C/R Option Right Engine, Also see PA-39	LYC LIO-320-B		212CW	RA-B3-5-1		
<b>PA-31-300 Navajo</b> Non Deice, Pilot Instruments only	LYC IO-540-M	RAP215CC	211CC	RA-B3-5-1, RA2J4-6		
<b>PA-31-300</b> Non Deice, Dual Instruments SN. 31-5 thru 31-854	LYC IO-540-M	RAP441CC-7	441CC-7	RA-B3-5-1, RA2J4-6		
SN. 31-855 thru 31-7612018	LYC IO-540-M	RAP441CC-7	441CC-7	RA2J4-6		
<b>PA-31-300</b> Deice	LYC IO-540-M	RAP441CC-7	441CC-7	RA-B3-5-1, RA2J4-6		
<b>PA-31 (310) Navajo</b> Non Deice, Pilot Instruments	LYC TIO-540-A	RAP215CC	211CC	RA-B3-5-1, RA2J4-6		
<b>PA-31 (310)</b> Non Deice, Dual instruments	LYC TIO-540-A	RAP441CC-7	441CC-7	RA-B3-5-1, RA2J4-6		
<b>PA-31 (310)</b> Deice	LYC TIO-540-A	RAP441CC-7	441CC-7	RA-B3-5-1, RA2J4-6		
C/R Option Right Engine & Wing Locker	LYC LTIO-540-A	RAP442CW-6, Right	442CW-6	RA-B3-5-1, RA2J4-6		
<b>PA-31-325 Navajo C/R</b> Non Deice, Pilot Instruments	LYC TIO-540-F	RAP215CC, Left	211CC	RA-B3-5-1, RA2J4-6		
	LYC LTIO-540-F	Right	212CW	RA-B3-5-1, RA2J4-6		
<b>PA-31-325</b> Non Deice, Dual Instruments	LYC TIO-540-F	RAP441CC-7, Left	441CC-7	RA-B3-5-1, RA2J4-6		
	LYC LTIO-540-F	RAP442CW-6, Right	442CW-6	RA-B3-5-1, RA2J4-6		
<b>PA-31-325</b> Deice	LYC TIO-540-F	RAP441CC-7, Left	441CC-7	RA-B3-5-1, RA2J4-6		
	LYC LTIO-540-F	RAP442CW-6, Right	442CW-6	RA-B3-5-1, RA2J4-6		
<b>PA-31-350 Chieftain</b> Non Deice, Pilot Instruments only SN. 31-5001 thru 31-7652123	LYC TIO-540-J	RAP215CC, Left	211CC	RA2J4-6		
SN. 31-7652124 and up	LYC LTIO-540-J	Right	212CW	RA2J4-6		
Non Deice, Dual Instruments SN. 31-5001 thru 31-7652123	LYC TIO-540-J	RAP441CC-7, Left	441CC-7	RA2J4-6		
	LYC LTIO-540-J	RAP442CW-6, Right	442CW-6	RA2J4-6		
SN. 31-7652124 and up	LYC TIO-540-J	RAP441CC-7, Left	441CC-7	RA-B3-5-1, RA2J4-6		
	LYC LTIO-540-J	RAP442CW-6, Right	442CW-6	RA-B3-5-1, RA2J4-6		
<b>PA-31-350</b> Deice SN. 31-5001 thru 31-7652123	LYC TIO-540-J	RAP441CC-7, Left	441CC-7	RA2J4-6		
	LYC LTIO-540-J	RAP442CW-6, Right	442CW-6	RA2J4-6		
SN. 31-7652124 thru 31-7952250 with Kit 764016 or 764017	LYC TIO-540-J	RAP441CC-7, Left	441CC-7	RA-B3-5-1, RA2J4-6		
	LYC LTIO-540-J	RAP442CW-6, Right	442CW-6	RA-B3-5-1, RA2J4-6		
<b>PA-31P Presurized Navajo</b> , Deice	LYC TIGO-540-E			RA2J4-6		
<b>PA-31P-350 Mojave</b> SN. 31P-8414001 Up Non Deice, Pilot Instruments	LYC TIO-540-V	Left	211CC	RA2J4-6		
	LYC LTIO-540-V	Right	212CW	RA2J4-6		
<b>PA-31P-350 Mojave</b> SN. 31P-8414001 Up De-ice and or Dual Instruments	LYC TIO-540-V	RAP441CC-7, Left		RA2J4-6		
	LYC LTIO-540-V	RAP442CW-6, Right		RA2J4-6		
<b>PA-31T Cheyenne</b>	PW PT6A-28			RA2J4-6		
<b>PA-31T2</b> SN. 31T-8166001 and up	PW PT6A-135			RA2J4-7		
<b>PA-32-260 Cherokee Six</b> 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	
<b>PA-32-300 Cherokee Six</b> 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	
<b>PA-32R-300, -32RT-300, -32S-300</b>	LYC IO-540-K	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
<b>PA-32RT-300T</b>	LYC TIO-540-S	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1		
<b>PA-32-301 Saratoga</b> SN.32-80006001 up	LYC IO-540-K	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>PA-32-301T</b> SN. 32-8024001 and up	LYC TIO-540-S	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>PA-32R-301</b>	LYC IO-540-K	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
<b>PA-32R-301T</b> Non Deice	LYC TIO-540-S	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
<b>PA-32R-301T</b> Deice	LYC TIO-540-S	RAP442CW-6	442CW-6	RA-B3-5-1	RA2H3-19	
<b>PA-34-200 Seneca</b> Non Deice	LYC IO-360-C	RAP215CC, Left	211CC	RA-B3-5-1, RA-D9-18-1		
	LYC LIO-360-C	RAP216CW, Right	212CW			
<b>PA-34-200</b> Deice	LYC IO-360-C	RAP441CC-7, Left	441CC-7	RA-B3-5-1, RA-D9-18-1		
	LYC LIO-360-C	RAP442CW-6, Right	442CW-6			
<b>PA-34-200T Seneca II</b> Non Deice SN. 34-7570001 thru 34-7870492	TCM TSIO-360-E	RAP215CC, Left	211CC	RA-B3-5-1, RA2J4-6		
SN. 34-7970001 thru 34-8170092	TCM LTSIO-360-E	Right	212CW			
	TCM TSIO-360-E	RAP215CC, Left	211CC	RA2J4-6, RA-D-9-14-5		
	TCM LTSIO-360-E	Right	212CW			
<b>PA-34-200T</b> Deice SN. 34-7570001 thru 34-8070037	TCM TSIO-360-E	RAP441CC-7, Left	441CC-7	RA-B3-5-1, RA2J4-6		
	TCM LTSIO-360-E	RAP442CW-6, Right	442CW-6			
SN. 34-8070038 thru 34-8170092	TCM TSIO-360-E	RAP441CC-7, Left	441CC-7	RA2J4-6, RA-D-9-14-5		
	TCM LTSIO-360-E	RAP442CW-6, Right	442CW-6			
<b>PA-34-200T</b> Deice, Dual Instruments SN. 34-7570001 thru 34-7870492	TCM TSIO-360-E	RAP441CC-7, Left	441CC-7	RA-B3-5-1, RA2J4-6		
	TCM LTSIO-360-E	RAP442CW-6, Right	442CW-6			
SN. 34-7970001 thru 34-8170092	TCM TSIO-360-E	RAP441CC-7, Left	441CC-7	RA2J4-6, RA-D-9-14-5		
	TCM LTSIO-360-E	RAP442CW-6, Right	442CW-6			
<b>PA-34-220T Seneca</b> Non Deice	TCM TSIO-360-K	RAP215CC, Left	211CC	RA-B3-5-1, RA-D9-18-1		
	TCM LTSIO-360-K	Right	212CW			
<b>PA-34-220T</b> Deice	TCM TSIO-360-K	RAP441CC-7, Left	441CC-7	RA-B3-5-1, RA-D9-18-1		
	TCM LTSIO-360-K	RAP442CW-6, Right	442CW-6			
<b>PA-36-300 Brave</b>	LYC IO-540-K	RAP215CC	211CC			
<b>PA-38-112 Tomahawk</b>	LYC O-235-L2C	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-23	

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	Check Valve
		New	Overhaul			
<b>PA-39 Twin Comanche C/R</b> . Also see PA-30	LYC IO-320-B	RAP215CC, Left	211CC	RA-B3-5-1, RA-D9-18-1		
	LYC LIO-320-B	Right	212CW			
<b>PA-40 Arapaho</b> Non Deice	LYC IO-320-B	RAP215CC, Left	211CC			
	LYC LIO-320-B	Right	212CW			
<b>PA-42-720 Cheyenne III</b>	PW PT6A-41			RA-D9-18-1		
<b>PA-42-1000 Cheyenne IV</b>	GAR TPE-331			RA-D9-18-1		
<b>PA-44-180 Seminole</b>	LYC O-360-A, -E	RAP215CC, Left	211CC	RA-D9-18-1		
	LYC LO-360-E	Right	212CW			
<b>PA-44-180T Turbo Seminole</b> Non Deice	LYC TO-360-E	Left	211CC	RA-D9-18-1		
	LYC LTO-360-E	Right	212CW			
<b>PA-44-180T</b> Deice	LYC TO-360-E	RAP441CC-7, Left	441CC-7	RA-D9-18-1		
	LYC LTO-360-E	RAP442CW-6, Right	442CW-6			
<b>PA-46-310P Maibu</b>						
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	
<b>PA-46-310P</b> Deice	TCM TSIO-520-B	RAP442CW-6, Left	442CW-6	RA-B3-5-1, RA-D9-18-1		
<b>PA-46-350</b> Non Deice, Single Pump	LYC TIO-540-AE	RAP216CW	212CW	RA-B3-5-1, RA-D9-18-1		
<b>PA-46-350P Maibu Mirage</b> Dual Pump	LYC TIO-540-AE	RAP441CC-17, Upper	441CC-17	RA-B3-5-1, RA-D9-18-1	RA2H3-6	
		RAP442CW-6, Lower	442CW-6			
<b>PA-60 Series</b> - see Aerostar						
<b>Raytheon</b> - see Beech						
<b>Rockwell / Gulfstream / Commander</b>						
<b>112 Commander</b>	LYC O-360-C	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>112A</b>	LYC IO-360-C	RAP215CC	211CC			
<b>112B Alpine</b>	LYC IO-360-C	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>112TC</b>	LYC TO-360-C	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>112TCA</b>	LYC TO-360-C	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>114, 114A Gran Turismo</b>	LYC IO-540-T	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>500 thru 700 Series</b> - see Aero Commander						
<b>Socata / Aerospatiale</b>						
<b>MS88B</b>	TCM O-200-A	RAP215CC-9	211CC-9			
<b>MS892A-150 &amp; E-150</b>	LYC O-320-E	RAP215CC	211CC			
<b>MS893A, E</b>	LYC O-360-A	RAP215CC	211CC			
<b>MS894A, E</b>	Franklin 6A-350-C	RAP216CW	212CW			
<b>I00S</b>	TCM O-200-A	RAP215CC-9	211CC-9			
<b>150T, ST</b>	LYC O-320-E	RAP215CC	211CC			
<b>235E</b>	LYC O-540-B	RAP215CC	211CC			
<b>TB9 SN. 001 - 822, 850 - 947 except 888</b>	LYC O-320-D	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>TB10 Tobago</b> Aux. Backup Sys. SN. 984 and up	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>TB20 Trinidad</b> Aux. Backup Sys. SN. 984 and up	LYC O-540-C	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>TB21 Trinidad Turbo</b>	LYC TIO-540-A			RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>SIAI - Marchetti</b>						
<b>S.205-18/F, /R</b>	LYC O-360-A	RAP215CC	211CC			
<b>S.205-20/F, /R</b>	LYC O-360-A	RAP215CC	211CC			
<b>S.205-22/R</b>	Franklin 6A-350-C	RAP216CW	212CW			
<b>S.208/-A, F.260/-B/-C</b>	LYC O-540-E	RAP215CC	211CC			
<b>S.210</b>	LYC TIO-360-A	RAP215CC	211CC			
<b>Ted Smith Aerostar</b> - see Areostar						
<b>Textron Aviation Inc.</b> - see Beech or Cessna						
<b>Twin Comander</b> - see Aero Comander						
<b>Viking Air Limited / de Havilland (Twin Otter)</b>						
<b>DHC-6-1, -100, -200, -300, -400</b>				RA2J4-4		
<b>Vulcanair / Partenavia</b>						
<b>P68, P68B, P68C Observer</b>	LYC IO-360-A	RAP215CC	211CC	RA1J7-1	RA2H3-12	RA1H5-1
<b>P68, P68B, P68C</b> Deice	LYC IO-360-A	RAP441CC-23	441CC-23		RA2H3-12	
<b>P68C-TC</b>	LYC IO-360-C	RAP215CC	211CC	RA1J7-1	RA2H3-12	RA1H5-1
<b>P68C-TC</b> Deice	LYC IO-360-C	RAP441CC-23	441CC-23		RA2H3-12	
<b>AP68TP300, AP68TP600 Spartacus</b>	RR 250 B17C			RA1J7-1	RA2H3-12	RA1H5-1
<b>Sections 2 thru 4 on following page.</b>						

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

**Section 2:**

**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 application below)	RAP215CC	211CC	RA-B3-5-1 & RA-D9-18-1	RA2H3-12
RAVAC-K2 For clockwise turning accessory drives. (see application below)	RAP216CW	212CW	RA-B3-5-1 & RA-D9-18-1	RA2H3-12
RAVAC-K9 For counter clockwise turning accessory drives. (see application below)	RAP215CC-9	211CC-9	RA-B3-5-1 & RA-D9-18-1	RA2H3-12

**Section 3:**

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

Engine Manufacturer	Engine Model	Dry Air Pump	
		New	Overhaul
Continental	C90-16F	RAP215CC-9	211CC-9
	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

**Section 4:**

**Beech King Air Rudder Boost Filter Replacement**

**RAPCO PN. RA101-524009-0163 - Rudder Boost Filter**

FAA-PMA approved replacement for the following part numbers.

- 101-524009-91
- 101-524009-0161
- 101-524009-0163

Application
C90A, C90GT, C90GTi,
A100-1 (U-21J),
200, 200C, 200CT, 200T,
A200 (C-12A), (C-12C),
A200C (UC-12B),
A200CT (C-12D), (FWC-12D), (C-12F), (RC-12D), (RC-12G), (RC-12H), (RC-12K), (RC-12P), (RC-12Q),
B200,
B200C (C-12F), (UC-12M), (C-12R), (UC-12F),
B200CT
B200T
B200GT,
B200CGT

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