

# 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: Beecraft 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>						
<b>500</b>	LYC O-540-A	RAP215CC	211CC	RA-B3-5-1		
<b>500-A</b>	TCM IO-470-M	RAP216CW	212CW	RA-B3-5-1		
<b>500-B, -J</b>	LYC IO-540-B, -E	RAP215CC	211CC	RA-B3-5-1		
<b>500-S</b>	LYC IO-540-E	RAP215CC	211CC			
<b>520</b>	LYC GO-435-C	RAP216CW	212CW			
<b>700 Non Deice</b>	LYC TIO-540-R			RA2J4-7, RA-D-9-14-5		
<b>700 Deice</b>	LYC TIO-540-R			RA2J4-7, RA-D-9-14-5		
<b>Aeronca - see Bellanca</b>						
<b>Aerospatial - see Socata</b>						
<b>Aerostar / Ted Smith Aerostar / Piper Aerostar</b>						
<b>360, 400</b>	LYC O-360-D, -E	RAP215CC	211CC	RA2J4-4		
<b>600 thru 701P - see Piper PA-60</b>	LYC IO-540-G, -P	RAP241CC-13	241CC-13	RA-D-9-14-5, RA2J4-4		
<b>PA-60-600, -601 Aerostar Non Deice</b>						
<b>PA-60-601P, PA-60-602P Non Deice</b>	LYC IO-540-P, -A	RAP241CC-13	241CC-13	RA2J4-4, RA-D-9-14-5		
<b>PA-60-601P, PA-60-602P Deice</b>	LYC IO-540-P, -A	RAP441CC-17	441CC-17	RA2J4-4, RA-D-9-14-5		
<b>PA-60-700P</b>	LYC TIO-540-U LYC LTIO-540-U	RAP441CC-17, Left RAP442CW-20, Right	441CC-17 442CW-20	RA2J4-4, RA-D-9-14-5		
<b>American Aviation - see Grumman</b>						
<b>American Champion - see Bellanca</b>						
<b>American General - see Grumman</b>						
<b>Aviat Aircraft</b>						
<b>A1C-160 Husky</b>	LYC O-320-D2A	RAP215CC	211CC	RA1J7-1, RA-B3-5-1	RA2H3-23	
<b>A1C-180 Husky</b>	LYC O-320-A1P	RAP215CC	211CC	RA1J7-1, RA-B3-5-1	RA2H3-23	
<b>A1C-200 Husky</b>	LYC IO-360-A1D6	RAP215CC	211CC	RA1J7-1, RA-B3-5-1	RA2H3-23	
<b>Beechcraft / Raytheon Aircraft / Hawker Beechcraft / Textron Aviation Inc.</b>						
<b>19A,</b> <b>A23-19 Musketeer</b> 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			
<b>23 Musketeer</b> SN. M1 - M554	LYC O-320-D	RAP215CC	211CC	RA-B3-5-1	RA2H3-2	
<b>A23, A23A</b> SN. M555 - M1094	TCM IO-346-A	RAP216CW	212CW	RA-B3-5-1	RA2H3-2	
<b>A23-24</b> SN. MA1 - MA363	LYC IO-360-A	RAP215CC	211CC		RA2H3-2	
<b>B23</b> SN. M1096 - M1284	LYC O-360-B	RAP215CC	211CC	RA-B3-5-1	RA2H3-2	
<b>C23 Sundowner</b> SN. M1285 - M1979 except M1971	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1	RA2H3-2	
SN. M1971, M1980 - M2290 w/ Conf. Pk.	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
SN. M197, M1980 - M2290 w/o Conf. 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	
<b>24 Sierra 200</b> SN. MA1 - MA363	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1		
<b>A24</b> SN. MA364 - MA368	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1	RA2H3-2	
<b>A24R</b> SN. MC2 - MC150	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1	RA2H3-2	
<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/ Conf. Pk.	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
SN. MC533, MC537 - MC739 w/o Conf. 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	Check Valve
		New	Overhaul			
<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		
<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		

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Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Check Valve
		New	Overhaul			
<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 - See Below</b>						
<b>65-B80 Queen Air Non Deice</b> SN. LD362 and up	LYC IGSO-540-A	RAP441CC-9	441CC-9	RA2J4-6, RA-D-9-14-5		
<b>A65 Queen Air Non Deice</b> SN. LC240 - LC270	LYC IGSO-480-A	RAP442CW	442CW	RA-B3-5-1		
<b>A65 Queen Air Deice</b> 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 Non Deice</b> SN. TD708 up	LYC IO-360-B	RAP215CC	211CC			
<b>E95 Travel Air Deice</b> SN. TD708 and up	LYC IO-360-B	RAP441CC	441CC			
<b>95-55 Baron</b>	TCM IO-470-L	RAP216CW RAP442CW	212CW 442CW			
<b>95-A55 Baron</b>	TCM IO-470-L	RAP216CW RAP442CW	212CW 442CW			
<b>95-B55 Baron Non Deice</b> SN. TC1608 - TC2002	TCM IO-470-L		442CW-14 442CW			RA2H3-6
SN. TC2003 - TC2075	TCM IO-470-L	RAP216CW RAP442CW-12	212CW 442CW-12	RA2J4-7, RA-D-9-14-5		
SN. TC2076 and up	TCM IO-470-L	RAP216CW RAP442CW-14	212CW 442CW-14	RA2J4-7, RA-D-9-14-5		
<b>95-B55 Baron Deice</b> 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 RAP442CW-12	242CW 442CW-12	RA-B3-5-1		
<b>95-C55A</b>	TCM IO-520-C	RAP242CW RAP442CW-12	242CW 442CW-12			
<b>D55 Non Deice</b> SN. TE452 - TE767	TCM IO-520-C, -CB	RAP242CW RAP442CW-12	242CW 442CW-12	RA2J4-7, RA-B3-5-1		
<b>D55 Deice</b> SN. TE452 - TE767	TCM IO-520-C, -CB	RAP442CW-12	442CW-12	RA2J4-7, RA-D-9-14-5		
<b>D55A Non Deice</b>	TCM IO-520-C, -CB	RAP216CW RAP242CW	212CW 242CW			
<b>D55A Deice</b>	TCM IO-520-C, -CB	RAP442CW-12	442CW-12			
<b>E55 Non Deice</b> SN. TE768 - TE936	TCM IO-520-C, -CB	RAP242CW RAP442CW-12	242CW 442CW-12	RA2J4-7, RA-B3-5-1		
SN. TE937, TE939 - TE942	TCM IO-520-C, -CB	RAP242CW RAP442CW-12	242CW 442CW-12	RA2J4-7, RA-D-9-14-5		
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 Deice</b> 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 Non Deice</b>	TCM IO-520-C, -CB	RAP216CW RAP242CW	212CW 242CW			
<b>55A Deice</b>	TCM IO-520-C, -CB	RAP442CW-12	442CW-12			
<b>56TC Baron Non Deice</b> 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 Deice</b> SN. TG52 - TG74	LYC TIO-541-E	RAP442CW	442CW	RA2J4-6, RA-B3-5-1		
<b>58 Baron Non Deice</b> 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 Deice</b> SN. TH1 - TH177	TCM IO-520-C	RAP442CW-14	442CW-14	RA2J4-7, RA-D-9-14-5		
SN. TH178 - TH186	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		
SN. TH187 - TH851 except TH792	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		
SN. TH792, TH852 and up	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		

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Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Check Valve
		New	Overhaul			
<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		
<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	

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>Bellanca / American Champion / Champion</b>						
<b>7AC</b>	LYC O-235-C	RAP215CC	211CC			
<b>7GC, 7HC</b>	LYC O-290-D	RAP215CC	211CC			
<b>7GCA, 7GCB, 7KC, 7GCBA</b>	LYC O-320-A	RAP215CC	211CC			
<b>7ECA</b>	TCM O-200-A	RAP215CC-9	211CC-9			
	LYC O-235-C	RAP215CC	211CC			
<b>7GCAA, 7GCBC</b>	LYC O-320-A, -C	RAP215CC	211CC			
	LYC O-235-C	RAP215CC	211CC			
<b>7KCAB, 8KCAB</b>	LYC IO-320-E	RAP215CC	211CC			
<b>8GCBC</b>	LYC O-360-C	RAP215CC	211CC			
<b>Bellanca</b>						
<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	
<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 with Lycoming</b>	LYC O-235	RAP215CC	211CC			
<b>150, 150A, B, C w/ Conversion Kit</b>	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1		
<b>150 SN. 15060088 - 15060772</b>	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1	RA2H3-2	
<b>SN. 15069309 - 15078505</b>	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
<b>A150K Aerobat A1500001 - A15000226</b>	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
<b>SN. A1500227 - A1500480</b>	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
<b>A150L A1500227 - A1500480</b>	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
<b>SN. A1500481 - A1500523</b>	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1	RA2H3-12	
<b>A150M SN. A1500524 - A1500685</b>	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1	RA2H3-12	
<b>F150K, Reims F15000530 - F15000658</b>	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
<b>F150L SN. F15000659 - F15001143</b>	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
<b>F150M SN. F15001144 - F15001189</b>	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
<b>SN. F15001190 - F15001339</b>	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1	RA2H3-12	
<b>FA150K SN. FA1500001 - FA1500081</b>	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
<b>FA150L SN. FA1500082 - FA1500261</b>	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
<b>FA150M SN. FA1500262 - FA1500271</b>	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
<b>SN. FA1500272 - FA1500312</b>	TCM O-200-A	RAP215CC-9	211CC-9	RA-B3-5-1	RA2H3-12	
<b>152 SN. 15279404 and up</b>	LYC O-235	RAP215CC	211CC	RA-B3-5-1, RA-D-9-18-1	RA2H3-12	
<b>152 w/ Elec. Stdb. SN. 15285940 and up</b>	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 SN. A1520735 and up</b>	LYC O-235	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>A152 w/ Elec. Stdb. SN. A1521028 &amp; up</b>	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 F150201429 - F15021808</b>	LYC O-235	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>FA152 SN. FA1520337 and up</b>	LYC O-235	RAP215CC	211CW	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>170B w/ Pully Pump Mod. 25373 and up</b>	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 with Pully Driven Vac Pump</b>	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. 17251823 - 17256512</b>	TCM O-300-D	RAP215CC	211CC			
<b>172 I thru P SN. 17256513 - 17257164</b>	LYC O-320-E	RAP215CC	211CC			
<b>SN. 17257165 - 17259760</b>	LYC O-320-E	RAP215CC-9	211CC-9		RA2H3-12	
<b>SN. 17259761 - 17262866</b>	LYC O-320-E, H	RAP215CC	211CC		RA2H3-12	
<b>SN. 17262867 - 17265684</b>	LYC O-320-E, H	RAP215CC	211CC		RA2H3-12	
<b>SN. 17265685 - 17276654</b>	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	
<b>SN. 17276260 &amp; up w/ Elec.Standby</b>						
<b>172R, S Skyhawk SN. 17280001 and up</b>	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	

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Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Check Valve
		New	Overhaul			
<b>F172</b> Reims 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-D9-9-14-5		
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</b> w/ Elec.Standby F17202234 & up	LYC O-320-D	RAP215CC, Primary RAP216CW, Standby	211CC 212CW	RA-B3-5-1		
<b>FR172K</b> SN. FR17200591 - FR17200675	TCM, RR O-300-K, -KB	RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
<b>P172D</b> SN. 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</b> SN. R1722000 - R1723454	TCM IO-360-K, -KB	RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
<b>175, 175A, 175B, 175C Skylark w/ Conv.</b>	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	
<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 w/ Conv.</b>	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 w/ Conversion Kit</b>	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. 18260466 - 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. F18200001 - 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 w/ Conversion Kit</b>	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 SN. U20602200 - 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		
<b>U206, TU206</b> Dual Pump SN. U20606700 and up	TCM IO-520-A,F, TSIO-520-C,M	RAP216CW, Right	212CW	RA-B3-5-1		
<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> 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		
<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		

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>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	212CW	RA-B3-5-1		
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		
		RAP442CW-8, Right	442CW-8			
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	212CW			
SN. 21064136 - 21064535 w/ Mod.		RAP442CW-8, Right	442CW-8			
SN. 21064536 - 21064772	TCM TSIO-520-C, -H, -R	RAP216CW, Left	212CW			
		RAP442CW-8, Right	442CW-8			
SN. 21064773 - 21064897	TCM TSIO-520-C, -H, -R	RAP216CW, Left	212CW			
		RAP442CW-8, Right	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			
<b>P210</b> Non Deice, Dual Pumps	TCM TSIO-520-P	RAP216CW	212CW			
<b>P210</b> Electric Driven Pump	TCM TSIO-520-P	RAP216CW	212CW			
SN. P21000835 and up						
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	TCM TSIO-520-P	RAP442CW-8	442CW-8			
SN. P21000001 - P21000811						
SN. P21000812 and up	TCM TSIO-520-P	RAP442CW-8	442CW-8			
<b>P210</b> Deice, Dual Pump	TCM TSIO-520-P	RAP442CW-8	442CW-8			
SN. P210000761 - P21000834						
SN. P21000835 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	

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Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Check Valve
		New	Overhaul			
<b>310Q with Auto Pilot w/ Conversion Kit</b>						
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 Non Deice, w/ Conversion Kit</b>	TCM TSIO-520-B, -BB	RAP242CW	242CW			
<b>T310Q Deice</b>	TCM TSIO-520-B, -BB	RAP442CW	442CW			
<b>310R Non Deice</b>	TCM IO-520-M, -MB	RAP216CW	212CW	RA-B3-5-1, RA2J4-4	RA2H3-5	
<b>310R Deice</b>	TCM IO-520-M, -MB	RAP442CW	442CW	RA2J4-4		
<b>T310R Non Deice, w/ Conversion Kit</b>	TCM TSIO-520-B, -BB	RAP242CW	242CW	RA2J4-4		
<b>T310R Deice</b>	TCM TSIO-520-B, -BB	RAP442CW	442CW			
<b>320, -1, -A, -B Skynight, w/o Auto Pilot</b>	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, without Auto Pilot, w/ Con.</b>	TCM TSIO-470-D	RAP216CW	212CW			
with Auto Pilot	TCM TSIO-470-D	RAP242CW	242CW			
<b>320 Deice</b>	TCM TSIO-470-D	RAP442CW	442CW			
<b>320D thru F Skynight w/ Conversion Kit</b>	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 Non Deice</b>	TCM TSIO-520-EB	RAP216CW	212CW	RA-B3-5-1		
<b>335 Deice</b>	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, Non Deice</b>	TCM IO-360-C,-D, -DB	RAP215CC	211CC	RA-B3-5-1, RA-D-9-14-5		
SN. 3370001 - 3370755						
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 Deice SN. 33701490 and up</b>	TCM IO-360-C,-D, -DB	RAP441CC	441CC	RA-B3-5-1		
<b>F337 Non Deice</b>	TCM IO-360-GB	RAP215CC	211CC	RA-D-9-14-5		
SN. F33700001 - F33700055						
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 Deice SN. F33700056 and up</b>	TCM IO-360-GB	RAP441CC	441CC			
<b>FT337 Non Deice</b>	TCM IO-360-GB	RAP215CC	211CC	RA-D-9-14-5		
SN. F3370001 - F3370015						
SN. F3370016 and up	TCM IO-360-GB	RAP215CC	211CC	RA1J10-1		
<b>FT337 Deice SN. F3370001 and up</b>	TCM IO-360-GB	RAP441CC	441CC			
SN. M337B	TCM IO-360-D, -DB	RAP215CC	211CC			
<b>P337 SN. P3370001 - P3370226</b>	TCM TSIO-360-C, -CB	RAP215CC	211CC			
<b>P337 Deice SN. P3370053 and up</b>	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 thru F</b>	TCM TSIO-360-A	RAP215CC	211CC			
	TCM TSIO-360-A	RAP441CC	441CC			
<b>T337G Non Deice</b>	TCM TSIO-360-C, -CB	RAP215CC	211CC	RA-B3-5-1, RA-D-9-14-5		
SN. P3370001 - P3370225						
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 with Single Instruments</b>	TCM TSIO-520-K, -KB	RAP216CW	212CW	RA-B3-5-1	RA2H3-5	
<b>340 with Dual Instruments</b>	TCM TSIO-520-K, -KB	RAP442CW	442CW	RA-B3-5-1	RA2H3-5	
<b>340 with Auto Pilot</b>	TCM TSIO-520-K, -KB	RAP242CW	242CW	RA-B3-5-1	RA2H3-5	
<b>340A Non Deice, Single Instruments</b>	TCM TSIO-520-N, -NB	RAP442CW	442CW	RA-B3-5-1	RA2H3-5	
<b>340A with Auto Pilot</b>	TCM TSIO-520-N, -NB	RAP242CW	242CW	RA-B3-5-1	RA2H3-5	
<b>340A Deice</b>	TCM TSIO-520-N, -NB	RAP442CW	442CW	RA-B3-5-1	RA2H3-5	
<b>401, 401A without Auto Pilot, w/ Conv. Kit</b>	TCM TSIO-520-E, -EB	RAP216CW	212CW	RA-B3-5-1, RA2J4-4	RA2H3-5	
<b>401, 401A with Auto Pilot, w/ Conv. Kit</b>	TCM TSIO-520-E, -EB	RAP242CW	242CW 442CW	RA-B3-5-1, RA2J4-4	RA2H3-5	
<b>401B without Auto Pilot</b>	TCM TSIO-520-E, -EB	RAP216CW	212CW	RA-B3-5-1, RA-D-9-14-5, RA2J4-4	RA2H3-5	
SN. 401B0001 - 401B0100						
SN. 401B0101 - 401B0300	TCM TSIO-520-E, -EB	RAP216CW	212CW	RA-B3-5-1, RA2J4-4	RA2H3-5	
<b>401B with Auto Pilot</b>	TCM TSIO-520-E, -EB	RAP242CW	242CW 442CW	RA-B3-5-1, RA-D-9-14-5, RA2J4-4	RA2H3-5	
SN. 401B0001 - 401B0100						
SN. 401B0101 - 401B0300	TCM TSIO-520-E, -EB	RAP242CW	242CW 442CW	RA-B3-5-1, RA2J4-4	RA2H3-5	

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Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Check Valve
		New	Overhaul			
<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	
404 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>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	
<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		
<b>Gulfstream</b> - also see Aero Commander						
<b>Hawker</b> - see Beechcraft						
<b>Helio</b>						
<b>H295</b>	LYC GO-480-G	RAP216CW	212CW	RA-B3-5-1	RA2H3-2	
<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	RA-B3-5-1, RA-D9-18-1	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			

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>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</b> SN. 1701B - 1939B	LYC O-360-A	RAP215CC	211CC	RA1J7-1	RA2H3-12	
<b>M20C</b> 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		
<b>M20D</b> SN. 101D and up	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1, RA1J7-1	RA2H3-12	
<b>M20E</b> 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		
<b>M20F</b> 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		
<b>M20G</b> 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		
<b>M20J</b> 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, 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</b> with Single Alternator	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</b> with Dual Alt. SN. 25000 and up	TCM TSIO-360-G, -L, -M, -S	RAP216CW	212CW	RA-B3-5-1	RA2H3-12	
		RAP242CW-10	242CW-10			
<b>M20K</b> with Standby Sys. SN. 25-1001 up	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, RA2J4-6		
		RAP242CW-10	242CW-10			
<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			
<b>Partenavia</b> - see Vulcanair						
<b>Piaggio</b>						
<b>P.136-L</b>	LYC GO-435-C2B	RAP216CW	212CW			
<b>Pilatus BN</b> - see Britten Norman						
<b>Piper / The New Piper</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>	LYC O-235-C, O-290-D, 0-320	RAP215CC	211CC	RA-B3-5-1	RA2H3-23	
SN. 18-8020 thru 18-7609012						
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>	LYC O-235-C	RAP215CC	211CC			
SN. 22-8000 thru 22-8709						
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>	LYC O-320-A, -B, -C	RAP215CC	211CC	RA-B3-5-1		
SN. 23-2395 and up	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</b> Deice	LYC O-540-A	RAP441CC-7	441CC-7			
<b>PA-23-250</b> Non Deice, Pilot Instruments	LYC O-540-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1		
SN. 27-2000 thru 27-2504						
SN. 27-2505 thru 27-7654001	LYC O-540-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1		
<b>PA-23-250</b> Non Deice, Dual Instruments	LYC O-540-A	RAP441CC-7	441CC-7	RA-B3-5-1, RA-D9-18-1		
SN. 27-7654001 and up						

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Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Check Valve
		New	Overhaul			
<b>PA-23-250</b> 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		
<b>PA-23-250</b> Deice - Airborne System SN. 27-7554112 - 27-7554168	LYC O-540-A	RAP441CC-7	441CC-7			
<b>PA-24-180 Comanche</b>	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1		
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>	LYC O-540-A, IO-540-C	RAP215CC	211CC	RA-D9-18-1		
SN. 24-2563, 24-2588 and up	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</b> with Aux. Pump System	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	RA2H3-19	
<b>PA-28-181 Archer II</b> 28-760001 and up	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
<b>PA-28-181 Archer III</b> 28-90206 and up	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</b> 28R-7931001 and Up	TCM TSIO-360-F	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
<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-31P Navajo</b>	LYC TIGO-541-E			RA2J4-6		
<b>PA-31 Navajo</b> 310 HP Turbo Non Deice, Pilot Instruments	LYC TIO-540-A	RAP215CC	211CC	RA-B3-5-1, RA2J4-6		
<b>PA-31</b> Non Deice, Dual instruments	LYC TIO-540-A	RAP441CC-7	441CC-7	RA-B3-5-1, RA2J4-6		
<b>PA-31</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-31-300 Navajo</b> Non Turbo Non Deice, Pilot Instruments	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		

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Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Check Valve
		New	Overhaul			
PA-31-325 Navajo C/R 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		
PA-31-325 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		
PA-31-325 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		
PA-31-350 (Chieftain) Non Deice, Pilot Instruments SN. 31-5001 thru 31-7652123	LYC TIO-540-J	RAP215CC, Left	211CC	RA2J4-6		
	LYC LTIO-540-J	Right	212CW	RA2J4-6		
SN. 31-7652124 and up	LYC TIO-540-J	RAP215CC, Left	211CC	RA-B3-5-1, RA2J4-6		
	LYC LTIO-540-J	Right	212CW	RA-B3-5-1, 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		
PA-31-350 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		
PA-31P-350 Mojave SN. 31P-8414001Up Non Deice	LYC TIO-540-V	RAP215CC, Left	211CC	RA2J4-6		
	LYC LTIO-540-V	Right	212CW	RA2J4-6		
PA-31P-350 Deice	LYC TIO-540-V	RAP441CC-7, Left	441CC-7	RA2J4-6		
	LYC LTIO-540-V	Right	442CW-6	RA2J4-6		
PA-31T2 SN. 31T-8166001 and up	PW PT6A-135			RA2J4-7		
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	
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	
	LYC TIO-540-S	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1		
PA-32-301 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	
PA-32R-301T 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	RAP215CC, Left	211CC	RA-B3-5-1, RA-D9-18-1		
	LYC LIO-360-C	RAP216CW, Right	212CW			
PA-34-200 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			
PA-34-200T Seneca II Non Deice SN. 34-7570001 thru 34-7870492	TCM TSIO-360-E	RAP215CC, Left	211CC	RA-B3-5-1, RA2J4-6		
	TCM LTSIO-360-E	Right	212CW			
SN. 34-7970001 thru 34-8170092	TCM TSIO-360-E	RAP215CC, Left	211CC	RA2J4-6, RA-D-9-14-5		
	TCM LTSIO-360-E	Right	212CW			
PA-34-200T 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			
PA-34-200T 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			
PA-34-220T Seneca Non Deice	TCM TSIO-360-K	RAP215CC, Left	211CC	RA-B3-5-1, RA-D9-18-1		
	TCM LTSIO-360-K	Right	212CW			
PA-34-220T 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			
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 . 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			
PA-40 Arapaho Non Deice	LYC IO-320-B	RAP215CC, Left	211CC			
	LYC LIO-320-B	Right	212CW			
PA-42-720 Cheyenne III	PW PT6A-41			RA-D9-18-1		
PA-42-1000 Cheyenne IV	GAR TPE-331			RA-D9-18-1		
PA-44-180 Seminole	LYC O-360-A, -E	RAP215CC, Left	211CC	RA-D9-18-1		
	LYC LO-360-E	Right	212CW			
PA-44-180T Turbo Seminole Non Deice	LYC TO-360-E	Left	211CC	RA-D9-18-1		
	LYC LTO-360-E	Right	212CW			
PA-44-180T Deice	LYC TO-360-E	RAP441CC-7, Left	441CC-7	RA-D9-18-1		
	LYC LTO-360-E	RAP442CW-6, Right	442CW-6			

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-46-310P Malibu</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-54O-AE	RAP216CW	212CW	RA-B3-5-1, RA-D9-18-1		
<b>PA-46-350P Malibu Mirage</b> Dual Pump	LYC TIO-54O-AE	RAP441CC-17, Upper RAP442CW-6, Lower	441CC-17 442CW-6	RA-B3-5-1, RA-D9-18-1	RA2H3-6	
<b>PA-60 Series</b> - see Aerostar						
<b>Raytheon</b> - see Beechcraft						
<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</b> SN. 001 - 822, 850 - 947 except 888	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 Beechcraft						
<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

Sections 2 thru 4 on following page.

**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 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
RAVAC-K9 For counter clockwise turning accessory drives. (see 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
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
Pratt & Whitney	O-540	RAP215CC	211CC
	R-985	RAP216CW	212CW
Rotax	R-1340	RAP216CW	212CW
	912	RAP215CC	211CC
	914	RAP215CC	211CC

**Section 4:**

**Beechcraft 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.

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