

# RAPCO INC. PNEUMATICS APPLICATION GUIDE

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

**Section 1: Manufactured Aircraft**

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

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

**Section 4: Dry Air Pump Cross Reference for Kit Plane and Experimental Aircraft Engines**

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

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

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

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

**Section 1:**

## Manufactured Aircraft

Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Manifold Overhaul
		New	Overhaul			
<b>Aero Commander / Gulfstream / Rockwell</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	RAP241CC-3	241CC-3	RA1J4-7, RA-D-9-14-5		
Deice	LYC TIO-540-R			RA1J4-7, 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			
<b>600 thru 701P - see Piper PA-60</b>						
<b>PA-60-600, -601 Aerostar Non Deice</b>	LYC IO-540-G, -P	RAP241CC-13	241CC-13	RA-D-9-14-5, RA1J4-4	RA2H30-6	
<b>PA-60-601P, PA-60-602P Non Deice</b>	LYC IO-540-P, -A	RAP241CC-13	241CC-13	RA-D-9-14-5, RA1J4-4		
Deice	LYC IO-540-P, -A	RAP441CC-17	441CC-17	RA-D-9-14-5, RA1J4-4		
<b>PA-60-700P</b>	LYC TIO-540-U	RAP441CC-17, Left	441CC-17	RA-D-9-14-5, RA1J4-4		
	LYC LTIO-540-U	RAP442CW-20, Right	442CW-20			
<b>American Aviation - see Grumman</b>						
<b>American Champion - see Bellanca</b>						
<b>American General - see Grumman</b>						
<b>Beechcraft / Raytheon Aircraft / Hawker Beechcraft</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 SN. M1 - M554</b>	LYC O-320-D	RAP215CC	211CC	RA-B3-5-1	RA2H3-2	
<b>A23, A23A SN. M555 - M1094</b>	TCM IO-346-A	RAP216CW	212CW	RA-B3-5-1	RA2H3-2	
<b>A23-24 SN. MA1 - MA363</b>	LYC IO-360-A	RAP215CC	211CC		RA2H3-2	
<b>B23 SN. M1096 - M1284</b>	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/ 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	
<b>24 Sierra 200 SN. MA1 - MA363</b>	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1		
<b>A24 SN. MA364 - MA368</b>	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1	RA2H3-2	
<b>A24R SN. MC2 - MC150</b>	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1	RA2H3-2	
<b>B24R SN. MC151 - MC274</b>	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 SN. MC449</b>	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>All Bonanzas equipped with RAPCO standby system - Please see section 2 of this guide for information.</b>						
<b>Debonair</b>						
<b>35-33, 35-A33 w/ Conversion Kit</b>	TCM IO-470-J	RAP216CW	212CW			
<b>35-B33 w/ Conversion Kit</b>	TCM IO-470-K	RAP216CW	212CW			
<b>35-C33 SN. CD826 - CD1118 and</b>						
SN. CE1 - CE179 except CD982 w/ Conv.	TCM IO-470-K	RAP216CW	212CW		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	Manifold Overhaul
		New	Overhaul			
<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	RAP216CW	212CW	RA-B3-5-1	RA2H30-9	
<b>E33A</b> SN. CD1119 - CD1234, CE180 - CE289	TCM IO-520-B	RAP216CW RAP242CW	212CW 242CW		RA2H30-9	
<b>E33C</b>	TCM IO-520-B, -BA, -BB	RAP216CW RAP242CW	212CW 242CW	RA1J4-7		
<b>F33</b> SN. CD1235 - 1254	TCM IO-470-K	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
<b>F33A</b> SN. CE290 - CE297	TCM IO-520-B, -BA, -BB	RAP242CW RAP442CW	242CW 442CW	RA-D-9-14-5	RA2H30-9	
SN. CE298 - CE631	TCM IO-520-B, -BA, -BB	RAP242CW RAP442CW	242CW 442CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
SN. CE632 -CE1439, CE1441 - CE1456	TCM IO-520-B, -BA, -BB	RAP216CW RAP442CW	212CW 442CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
SN. CE1441 - CE1456	TCM IO-520-B, -BA, -BB	RAP216CW RAP442CW	212CW 442CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
SN. CE1440, CE1457 and up	TCM IO-520-B, -BA, -BB	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5		
SN. CE1056 - CE1439, CE1441 - CE1456 w/ Standby System	TCM IO-520-B, -BA, -BB	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
SN. CE1440, CE1457 and up w/ Standby	TCM IO-520-B, -BA, -BB	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5		
<b>F33C</b> SN. CJ26 - CJ128	TCM IO-520-B, -BA, -BB	RAP242CW RAP442CW	242CW 442CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
SN. CJ129 - CJ179	TCM IO-520-B, -BA, -BB	RAP216CW RAP442CW	212CW 442CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
SN. CJ180 and up	TCM IO-520-B, -BA, -BB	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5		
SN. CJ156 - CJ179 w/ Standby System	TCM IO-520-B, -BA, -BB	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
SN. CJ180 and up w/ Standby System	TCM IO-520-B, -BA, -BB	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5		
<b>G33</b> SN. CD1255 - CD1304	TCM IO-470-N	RAP216CW	212CW		RA2H30-9	
<b>35-33 Debonair</b> - See above						
<b>35, A35 Bonanza</b> w/ Conversion Kit	TCM E-185-1	RAP216CW	212CW			
<b>B35, 35R Bonanza</b> w/ Conversion Kit	TCM E-185-8	RAP216CW	212CW			
<b>C35, D35, E35, F35 Bonanza</b> w/ Conv.	TCM E-185-11	RAP216CW	212CW			
<b>G35 Bonanza</b> w/ Conversion Kit	TCM E-225-8	RAP216CW	212CW			
<b>All Bonanzas equipped with RAPCO standby system - Please see section 2 of this guide for information.</b>						
<b>H35 Bonanza</b> w/ Conversion Kit	TCM O-470-G	RAP216CW	212CW			
<b>J35, K35, M35 Bonanza</b> w/ Conv. Kit	TCM IO-470-C	RAP216CW	212CW			
<b>N35, P35 Bonanza</b> w/ Conversion Kit	TCM IO-470-N	RAP216CW	212CW			
<b>S35 Bonanza</b>	TCM IO-520-B, -BA	RAP216CW	212CW 242CW			
SN. D7310 - D7628	TCM IO-520-B, -BA			RA-B3-5-1	RA2H3-2	
SN. D7629 - D7749	TCM IO-520-B, -BA			RA-B3-5-1	RA2H3-12	
SN. D7750 - D7976	TCM IO-520-B, -BA					
<b>V35 Bonanza</b>	TCM IO-520-B, -BA	RAP216CW	212CW 242CW			
<b>V35A</b> SN. D7977 - D8598	TCM IO-520-B, -BA, -BB	RAP216CW	212CW	RA1J4-7	RA2H3-2	
SN. D8599 - D9068	TCM IO-520-B, -BA, -BB	RAP216CW	212CW	RA1J4-7	RA2H30-9	
<b>V35A-TC</b> SN. D7977 - D8598		RAP216CW	212CW			
SN. D8599 - D9068		RAP216CW	212CW			
<b>V35B</b> SN. D9069 - D9855	TCM IO-520-B, -BA, -BB	RAP242CW	242CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
SN. D10096 and up Option	TCM IO-520-B, -BA, -BB	RAP216CW RAP442CW	212CW 442CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
<b>V35B-TC</b> SN. D9069 - D9855			242CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
SN. D10096 and up Option		RAP216CW	212CW 442CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
<b>All Bonanzas equipped with RAPCO standby system - Please see section 2 of this guide for information.</b>						
<b>36, A36 Bonanza</b>						
SN. E1 - E184	TCM IO-520-B, -BA, -BB	RAP216CW RAP242CW	212CW 242CW	RA-B3-5-1, RA1J4-7	RA2H30-9	
SN. E185 - E196	TCM IO-520-B, -BA, -BB	RAP216CW RAP242CW	212CW 242CW	RA-B3-5-1, RA1J4-7	RA2H30-9	
SN. E184, E197, E203 - E813	TCM IO-520-B, -BA, -BB	RAP216CW RAP442CW	212CW 442CW	RA-B3-5-1, RA1J4-7	RA2H30-9	
SN. E814 - E1110, E1112 - E1240	TCM IO-520-B, -BA, -BB	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
SN. E111, E1241 - E2431 except E2524	TCM IO-520-B, -BA, -BB	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
SN. E2524, 2532 and up	TCM IO-520-B, -BA, -BB	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5		
SN. E2180 and up Standby System	TCM IO-520-B, -BA, -BB	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5		
<b>A36TC, B36TC, Bonanza</b>						
SN. EA442 - EA502 and EA504 Standby	TCM TSIO-520-U	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5	RA2H30-9	
SN. EA503, EA505 and up W/ Standby Sys.	TCM TSIO-520-U	RAP216CW	212CW	RA1J4-7, 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			

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Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Manifold Overhaul
		New	Overhaul			
<b>55, 56, 58 Baron - See Below</b>						
<b>65-B80 Queen Air</b> Non Deice SN. LD362 and up	LYC IGSO-540-A	RAP441CC-9	441CC-9	RA1J4-6, 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	RA1J4-7, RA-D-9-14-5		
<b>A65 Queen Air</b> Deice SN. LC271 and up	LYC IGSO-480-A	RAP442CW	442CW	RA1J4-7, RA-D-9-14-5		
<b>70 Queen Air</b>	LYC IGSO-480-A	RAP442CW	442CW	RA1J4-6, 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 RAP442CW	212CW 442CW			
<b>95-A55 Baron</b>	TCM IO-470-L	RAP216CW RAP442CW	212CW 442CW			
<b>95-B55 Baron</b> Non Deice SN. TC1608 - TC2002	TCM IO-470-L				RA2H3-6	
SN. TC2003 - TC2075	TCM IO-470-L	RAP216CW RAP442CW-12	212CW 442CW-12	RA1J4-7, RA-D-9-14-5	RA2H30-6	
SN. TC2076 and up	TCM IO-470-L	RAP216CW RAP442CW-14	212CW 442CW-14	RA1J4-7, RA-D-9-14-5	RA2H30-6	
<b>95-B55 Baron</b> Deice SN. TC2003 and up	TCM IO-470-L	RAP442CW-14	442CW-14 442CW	RA1J4-7, RA-B3-5-1	RA2H3-6	
<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</b> Non Deice SN. TE452 - TE767	TCM IO-520-C, -CB	RAP242CW RAP442CW-12	242CW 442CW-12	RA1J4-7, RA-B3-5-1	RA2H30-6	
<b>D55</b> Deice SN. TE452 - TE767	TCM IO-520-C, -CB	RAP442CW-12	442CW-12	RA1J4-7, RA-D-9-14-5		
<b>D55A</b> Non Deice	TCM IO-520-C, -CB	RAP216CW RAP242CW	212CW 242CW			
Deice	TCM IO-520-C, -CB	RAP442CW-12	442CW-12			
<b>E55</b> Non Deice SN. TE768 - TE936	TCM IO-520-C, -CB	RAP242CW RAP442CW-12	242CW 442CW-12	RA1J4-7, RA-B3-5-1	RA2H30-6	
SN. TE937, TE939 - TE942	TCM IO-520-C, -CB	RAP242CW RAP442CW-12	242CW 442CW-12	RA1J4-7, RA-D-9-14-5	RA2H30-6	
SN. TE938, TE943 - TE1113	TCM IO-520-C, -CB	RAP242CW	242CW	RA1J4-7, RA-D-9-14-5	RA2H30-6	
SN. TE1114 and up	TCM IO-520-C, -CB	RAP442CW-14	442CW-14	RA1J4-7, RA-D-9-14-5	RA2H30-6	
<b>E55</b> Deice SN. TE768 - TE942 except TE938	TCM IO-520-C, -CB	RAP442CW-12	442CW-12	RA1J4-7, RA-D-9-14-5		
SN. TE938, TE943 - TE1074	TCM IO-520-C, -CB	RAP442CW-14	442CW-14	RA1J4-7, RA-D-9-14-5		
SN. TE1075 and up	TCM IO-520-C, -CB	RAP442CW-14	442CW-14	RA1J4-7, RA-D-9-14-5		
<b>55A</b> Non Deice	TCM IO-520-C, -CB	RAP216CW RAP242CW	212CW 242CW			
Deice	TCM IO-520-C, -CB	RAP442CW-12	442CW-12			
<b>56TC Baron</b> Non Deice SN. TC1 - TG51	LYC TIO-541-E	RAP242CW	242CW	RA-B3-5-1	RA2H3-6	
SN. TG52 - TG74	LYC TIO-541-E	RAP242CW	242CW	RA1J4-6, RA-B3-5-1		
SN. TG75 - TG83	LYC TIO-541-E	RAP242CW	242CW	RA1J4-6, RA-B3-5-1		
SN. TG84 - TG94	LYC TIO-541-E	RAP442CW	442CW	RA1J4-6, RA-B3-5-1	RA2H30-6	
<b>56TC Baron</b> Deice SN. TG52 - TG74	LYC TIO-541-E	RAP442CW	442CW	RA1J4-6, RA-B3-5-1		
<b>58 Baron</b> Non Deice SN. TH1 - TH177	TCM IO-520-C	RAP242CW	242CW	RA1J4-7, RA-D-9-14-5	RA2H30-6	
SN. TH178 - TH186	TCM IO-520-C	RAP242CW	242CW	RA1J4-7, RA-D-9-14-5	RA2H30-6	
SN. TH187 - TH873	TCM IO-520-C	RAP242CW	242CW	RA1J4-7, RA-D-9-14-5	RA2H30-6	
SN. TH874 and up	TCM IO-520-C	RAP216CW	212CW	RA1J4-7, RA-D-9-14-5	RA2H30-6	
<b>58 Baron</b> Deice SN. TH1 - TH177	TCM IO-520-C	RAP442CW-14	442CW-14	RA1J4-7, RA-D-9-14-5		
	TCM IO-520-C	RAP442CW-12	442CW-12	RA1J4-7, RA-D-9-14-5		
SN. TH178 - TH186	TCM IO-520-C	RAP442CW-14	442CW-14	RA1J4-7, RA-D-9-14-5		
	TCM IO-520-C	RAP442CW-12	442CW-12	RA1J4-7, RA-D-9-14-5		
SN. TH187 - TH851 except TH792	TCM IO-520-C	RAP442CW-14	442CW-14	RA1J4-7, RA-D-9-14-5		
	TCM IO-520-C	RAP442CW-12	442CW-12	RA1J4-7, RA-D-9-14-5		
SN. TH792, TH852 and up	TCM IO-520-C	RAP442CW-14	442CW-14	RA1J4-7, RA-D-9-14-5		
	TCM IO-520-C	RAP442CW-12	442CW-12	RA1J4-7, RA-D-9-14-5		
<b>58P Baron</b> Non Deice SN. TJ3 - TJ4	TCM TSIO-520-L, -LB	RAP242CW-4	242CW-4	RA1J4-7		
SN. TJ5 - TJ84	TCM TSIO-520-L, -LB	RAP242CW-4	242CW-4	RA1J4-7		
SN. J85 - TJ97 except TJ86	TCM TSIO-520-L, -LB	RAP242CW-4	242CW-4	RA1J4-7		
SN. TJ86, TJ98 - TJ122	TCM TSIO-520-L, -LB	RAP242CW-4	242CW-4	RA1J4-7		
SN. TJ123 - TJ543 except TJ436	TCM TSIO-520-L, -LB	RAP242CW-4	242CW-4	RA1J4-7		
SN. TJ436, TJ444 and up	TCM TSIO-520-L, -LB	RAP242CW-4	242CW-4	RA1J4-7		

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

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Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Manifold Overhaul
		New	Overhaul			
<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 LYC O-540-E, IO-540-K	RAP442CW	442CW	RA-B3-5-1, RA-D9-18-1	RA2H3-2	1H5-1
<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 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>		RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
<b>F150L SN. F15000659 - F15001143</b>		RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
<b>F150M SN. F15001144 - F15001189</b>		RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
<b>SN. F15001190 - F15001339</b>		RAP215CC-9	211CC-9	RA-B3-5-1	RA2H3-12	
<b>FA150K SN. FA1500001 - FA1500081</b>		RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
<b>FA150L SN. FA1500082 - FA1500261</b>		RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
<b>FA150M SN. FA1500262 - FA1500271</b>			211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
<b>SN. FA1500272 - FA1500312</b>			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-9-14-5	RA2H3-12	1H5-23
<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-9-14-5	RA2H3-12 RA2H3-12	1H5-23
<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-9-14-5	RA2H3-12 RA2H3-23	
<b>F152 Reims F150201429 - F15201808</b>		RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>FA152 SN. FA1520337 and up</b>		RAP216CW	212CW	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 F 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> SN. 17276260 & up w/ Elec.Standby	LYC O-360-A	RAP215CC, Primary RAP216CW, Standby	211CC 212CW		RA2H3-12	1H5-23
<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	1H5-25
<b>172RG Cutlass</b>	LYC O-360-F	RAP215CC	211CC		RA2H3-12	
<b>F172 Reims SN. F172-0019 - F172 - 0085</b>					RA2H3-2	
<b>SN. F172-0086 - F172008045</b>				RA-B3-5-1, RA1J10-1		
<b>SN. F17200805 - F17201234</b>		RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5		
<b>SN. F17201235 - F17201384</b>		RAP215CC	211CC	RA-B3-5-1, RA1J10-1		
<b>SN. F17265685 and up</b>		RAP215CC	211CC	RA-B3-5-1		
<b>F172 w/ Elec.Standby F17202234 &amp; up</b>		RAP215CC, Primary RAP216CW, Standby	211CC 212CW			1H5-23
<b>FR172K SN. FR17200591 - FR17200675</b>		RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
<b>P172D SN. P17257120 - P17257188</b>	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. R1722000 - R1723454</b>	TCM IO-360-K, -KB	RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
<b>175, 175A, B, C Skylark w/ Conv. Kit</b>	TCM GO-300-A, -C, -D, -E	RAP215CC	211CC			
<b>177 Cardinal SN. 17700001 - 17701164</b>	LYC O-320-E	RAP215CC	211CC	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
<b>SN. 17701165 - 17701530</b>	LYC O-360-A	RAP215CC-9	211CC-9	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
<b>SN. 17701531 - 17702542</b>	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
<b>SN. 17702543 - 17702752</b>	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	Manifold Overhaul
		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. 177RG1012	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
SN. 177RG1013 - 177RG1087	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
SN. 177RG1089 - 177RG1386	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
<b>F177RG</b> SN. F177RG001 - F177RG0160		RAP215CC	211CC	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	
SN. F177RG0161 - F177RG0177		RAP215CC	211CC	RA-B3-5-1	RA2H3-12	
<b>180, 180A thru F Skywagon</b> w/ Conv.	TCM O-470-L, -K, -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			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, -S, -U	RAP216CW	212CW	RA-B3-5-1		1H5-23
<b>182H thru M SN.</b> 1825845 - 18260445	TCM O-470-R, -S			RA-D-9-14-5		
<b>182N and P SN.</b> 18260446 - 18262465	TCM O-470-R, -S	RAP216CW	212CW	RA-B3-5-1, RA-D-9-14-5	RA2H3-12	1H5-23
SN. 8260466 - 18262778	TCM O-470-R, -S	RAP216CW	212CW	RA-D-9-14-5	RA2H3-12	
SN. 182662779 - 18265175	TCM O-470-R, -S	RAP216CW	212CW	RA-1J-10-1	RA2H3-12	
SN. 182665716 and up	TCM O-470-R, -S	RAP216CW	212CW	RA-D9-18-1	RA2H3-12	
w/ Elec. Driven Pump 18268435 and up	TCM O-470-R, -S	RAP216CW	212CW		RA2H3-12	1H5-23
<b>182Q thru R Skylane</b>	TCM O-470-U	RAP216CW	212CW		RA2H3-12	1H5-23
<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	1H5-25
<b>F182</b> Reims SN. F18200001 - F18200025		RAP216CW	212CW	RA-1J-10-1		
SN. F18200026 - F18200169		RAP216CW	212CW	RA-D9-18-1		
<b>FR182</b> SN. F18200001 - F18200070		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	1H5-23
w/ Elec. Drive Pump R18202000 and up	LYC O-540-J	RAP216CW	212CW			1H5-23
<b>T182</b> SN. 18267716 - 18268434	LYC O-540-L	RAP215CC	211CC	RA-D9-18-1	RA2H3-12	1H5-23
SN. 18268435 and up, Elec. Driven Pump	LYC O-540-L	RAP216CW	212CW	RA-D9-18-1		1H5-23
<b>185A, B, Skywagon</b> w/ Conversion Kit	TCM IO-470-F	RAP216CW	212CW			1H5-23
<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			1H5-23
<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>						
<b>206, U206, U206A, P206, P206A thru E</b>	TCM IO-520-A	RAP216CW	212CW			
<b>206</b> SN. 20680001 and up	LYC IO-540-A	RAP215CC, Upper RAP216CW, Lower	211CC 212CW		RA2H3-48	1H5-25
<b>U206B thru G</b>	TCM IO-520-F	RAP216CW	212CW	RA-B3-5-1		
<b>U206, TU206 Stationair</b> Single Pump						
SN. 20602200 - U20603449	TCM IO-520-FC, TSIO-520-C,M	RAP216CW	212CW	RA-B3-5-1, RA-D-9-14-5		
SN. U20603450 and up	TCM IO-520-FC, TSIO-520-C,M	RAP216CW	212CW	RA-B3-5-1		
<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		1H5-2
<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>208, 208A, 208B</b>						1H5-19
<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		1H5-2
<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		1H5-2
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		1H5-2
SN. 21064773 and up	TCM IO-520-A, -J, -L			RA-B3-5-1		1H5-2
SN. 21064898 - 21065009	TCM IO-520-L				RA2H3-2	
<b>T210</b> Non Deice, Single Pump						
SN. 21059810 and up	TCM TSIO-520-C, -H, -R	RAP216CW	212CW			
<b>T210</b> Non Deice, Dual Pump						
SN. 21064536 - 21064772	TCM TSIO-520-C, -H, -R	RAP216CW	212CW			
SN. 21064136 - 21064535 w/ Mod.	TCM TSIO-520-C, -H, -R	RAP216CW, Left	212CW			1H5-2
<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			

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

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Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Manifold Overhaul
		New	Overhaul			
<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		1H5-2
SN. 33701551 - 33701610	TCM IO-360-C,-D, -DB	RAP215CC	211CC	RA-B3-5-1, RA1J10-1		1H5-2
SN. 33701611	TCM IO-360-C,-D, -DB	RAP215CC	211CC	RA-B3-5-1, RA1J10-1		1H5-2
<b>337 Deice</b> SN. 33701490 and up	TCM IO-360-C,-D, -DB	RAP441CC	441CC	RA-B3-5-1		
<b>F337</b> Non Deice						
SN. F33700001 - F33700055		RAP215CC	211CC	RA-D-9-14-5		1H5-3
SN. F33700056 - F33700063		RAP215CC	211CC	RA-D-9-14-5		1H5-2
SN. F33700064 - F33700074		RAP215CC	211CC	RA1J10-1		1H5-2
SN. F33700075 - F33700086		RAP215CC	211CC	RA1J10-1		1H5-2
<b>F337 Deice</b> SN. 33700056 and up		RAP441CC	441CC			1H5-2
<b>FT337</b> Non Deice						
SN. F3370001 - F3370015		RAP215CC	211CC	RA-D-9-14-5		1H5-2
SN. F3370016 and up		RAP215CC	211CC	RA1J10-1		1H5-2
<b>FT337 Deice</b> SN. 3370001 and up		RAP441CC	441CC			1H5-2
SN. M337B	TCM IO-360-D, -DB	RAP215CC	211CC			
<b>P337</b>						
SN. P3370001 - P3370225	TCM TSIO-360-C, -CB	RAP215CC	211CC			1H5-2
SN. P3370226	TCM TSIO-360-C, -CB	RAP215CC	211CC			1H5-2
<b>P337 Deice</b> SN. P3370053 and up	TCM TSIO-360-C, -CB	RAP441CC	441CC	RA-B3-5-1		1H5-2
<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</b> Non Deice						
SN. P3370001 - P3370225	TCM TSIO-360-C, -CB	RAP215CC	211CC	RA-B3-5-1, RA-D-9-14-5		1H5-2
SN. P3370226	TCM TSIO-360-C, -CB	RAP215CC	211CC	RA-B3-5-1, RA1J10-1		1H5-2
<b>T337G Deice</b> SN. P3370053 and up	TCM TSIO-360-C, -CB	RAP441CC	441CC	RA-B3-5-1		1H5-2
<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	1H5-10
<b>340</b> with Dual Instruments	TCM TSIO-520-K, -KB	RAP442CW	442CW	RA-B3-5-1	RA2H3-5	1H5-10
<b>340</b> with Auto Pilot	TCM TSIO-520-K, -KB	RAP242CW	242CW	RA-B3-5-1	RA2H3-5	1H5-10
<b>340A</b> Non Deice, Single Instruments	TCM TSIO-520-N, -NB	RAP442CW	442CW	RA-B3-5-1	RA2H3-5	1H5-10
<b>340A</b> with Auto Pilot	TCM TSIO-520-N, -NB	RAP242CW	242CW	RA-B3-5-1	RA2H3-5	1H5-10
<b>340A</b> Deice	TCM TSIO-520-N, -NB	RAP442CW	442CW	RA-B3-5-1	RA2H3-5	1H5-10
<b>401, 401A</b> without Auto Pilot, w/ Conv. Kit	TCM TSIO-520-E, -EB	RAP216CW	212CW	RA-B3-5-1	RA2H3-5	
<b>401, 401A</b> with Auto Pilot, w/ Conv. Kit	TCM TSIO-520-E, -EB	RAP242CW	242CW	RA-B3-5-1	RA2H3-5	
	TCM TSIO-520-E, -EB		442CW			
<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	RA2H3-5	
SN. 401B0101 - 401B0300	TCM TSIO-520-E, -EB	RAP216CW	212CW	RA-B3-5-1	RA2H3-5	1H5-9
<b>401B</b> with Auto Pilot	TCM TSIO-520-E, -EB	RAP242CW	242CW	RA-B3-5-1, RA-D-9-14-5	RA2H3-5	
SN. 401B0001 - 401B0100			442CW			
SN. 401B0101 - 401B0300	TCM TSIO-520-E, -EB	RAP242CW	242CW	RA-B3-5-1	RA2H3-5	1H5-9
			442CW			
<b>402</b> w/ Conversion Kit	TCM TSIO-520-E, -EB	RAP216CW	212CW	RA-B3-5-1	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	RA-B3-5-1, RA-D-9-14-5	RA2H3-5	
			442CW			
<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	RA2H3-5	
SN. 401B0101 and up	TCM TSIO-520-E, -EB	RAP216CW	212CW	RA-B3-5-1	RA2H3-5	1H5-9
<b>402B</b> with Auto Pilot	TCM TSIO-520-E, -EB	RAP242CW	242CW	RA-B3-5-1, RA-D-9-14-5	RA2H3-5	
SN. 401B0001 - 401B0100			442CW			
SN. 401B0101 and up	TCM TSIO-520-E, -EB	RAP242CW	242CW	RA-B3-5-1	RA2H3-5	1H5-9
			442CW			
<b>404 Titan</b>	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	1H5-9
<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	1H5-9
<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	1H5-9

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Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Manifold Overhaul
		New	Overhaul			
<b>414A</b> Deice	TCM TSIO-520-J, -JB, -N, -NB	RAP442CW	442CW	RA-B3-5-1	RA2H3-5	1H5-9
<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	1H5-9
<b>421C</b> Dual Instrument C1097 and up	TCM GTSIO-520-L, N	RAP441CC	441CC	RA-B3-5-1	RA2H3-5	1H5-9
<b>421C</b> Deice 1976 thru 1985	TCM GTSIO-520-L, N	RAP441CC	441CC	RA-B3-5-1	RA2H3-5	1H5-9
<b>Cirrus</b>						
<b>SR20</b>						1H5-28
<b>Commander</b> - see Rockwell						
<b>Fairchild / M7 Aerospace</b>						
<b>SA26-AT</b>					RA2H3-2	
<b>SA226-T, SA226-AT, SA226-T(B)</b>				RA-B3-5-1	RA2H3-2	
<b>SA227-AT, SA227-TT</b>					RA2H3-2	
<b>Grumman American / American Aviation / American General / Gulfstream / Tiger Aircraft</b>						
<b>AA-1, AA1A 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	RAP216CW	212CW			
<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			
<b>Mitsubishi</b>						
<b>MU-2B-20, -25</b>					RA2H3-6	
<b>Mooney</b>						
<b>M20</b>	LYC O-320	RAP215CC	211CC	RA-1J7-1		
<b>M20A</b>	LYC O-360-A	RAP215CC	211CC	RA-1J7-1		
<b>M20B</b> SN. 1701B - 1939B	LYC O-360-A	RAP215CC	211CC	RA-1J7-1	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, RA1J4-6	RA2H3-12	
SN. 24-0001 - 24-2999 Standby	LYC IO-360-A	RAP216CW	212CW	RA-B3-5-1		
SN. 24-3000 and up w/ Standby System	LYC IO-360-A	RAP215CC	211CC	RA-B3-5-1		

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

Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Manifold Overhaul
		New	Overhaul			
<b>M20K</b> with Single Alternator SN. 25-1001 thru 25-1087 SN. 25-1088 and up	TCM TSIO-360-G, -L, -M, -S	RAP215CC RAP241CC	211CC 241CC	RA-B3-5-1	RA2H3-12	
<b>M20K</b> with Dual Alt. SN. 25000 and up	TCM TSIO-360-G, -L, -M, -S	RAP215CC RAP241CC	211CC 241CC	RA-B3-5-1, RA-D9-18-1 RA1J4-6	RA2H3-12	
<b>M20K</b> with Standby Sys. SN. 25-1001 up	TCM TSIO-360-G, -L, -M, -S	RAP216CW RAP242CW	212CW 242CW	RA-B3-5-1	RA2H3-12	
<b>M20M</b>	LYC TIO-540-A	RAP241CC-15	241CC-15	RA-B3-5-1, RA-D9-18-1, RA1J4-6		
<b>M20R</b>	TCM IO-550-G	RAP242CW	242CW	RA-B3-5-1, RA-D9-18-1, RA1J4-6		
<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			
<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> 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> <b>PA-22</b>	LYC O-290-D, -D2 LYC O-290-D, -D2	RAP215CC RAP215CC	211CC 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 LYC O-320-A, -B, -C	RAP215CC RAP215CC	211CC 211CC	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>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		1H5-4
<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		1H5-4
<b>PA23-250 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		1H5-14
<b>PA23-250 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 LYC IO-540-D, -N, -R	RAP215CC RAP215CC	211CC 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	

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Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Manifold Overhaul
		New	Overhaul			
<b>PA-28-161 Warrior</b>	LYC O-320-D	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
PA-28-161 with Aux. Pump System	LYC O-320-D	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	1H5-24
<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-28R-180 Arrow</b>						
SN. 28R-30005 thru 28R7130019	LYC IO-360-B	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
SN. 28R-75350001 and up	LYC IO-360-B	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
<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-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-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-201 Arrow</b>						
SN. 28R-7737002 - 28R-7837317	TCM TSIO-360-F	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	
SN. 28R-7837318 and up	TCM TSIO-360-F	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-19	1H5-21
SN. 2803001 and up Aux. Pump		RAP215CC	211CC			
<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	1H5-21
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</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						1H5-21
SN. 28-7911001 and up	LYC O-540-J	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		1H5-2
C/R Option Left Engine	LYC LIO-320-B		212CW	RA-B3-5-1		
<b>PA-31P Navajo</b>				RA1J4-6		
<b>PA-31 Navajo</b> 310 HP Turbo						
Non Deice, Pilot Instruments	LYC TIO-540-A	RAP215CC	211CC	RA-B3-5-1, RA1J4-6		
Non Deice, Dual Instruments	LYC TIO-540-A	RAP441CC-7	441CC-7	RA-B3-5-1, RA1J4-6		
Deice	LYC TIO-540-A	RAP441CC-7	441CC-7	RA-B3-5-1, RA1J4-6	RA2H30-6	
C/R Option Right Engine & Wing Locker	LYC LTIO-540-A	RAP442CW-6, Right	442CW-6	RA-B3-5-1, RA1J4-6		
<b>PA-31-300 Navajo</b> Non Turbo						
Non Deice, Pilot Instruments	LYC IO-540-M	RAP215CC	211CC	RA-B3-5-1, RA1J4-6		
Non Deice, Dual Instruments						
SN. 31-5 thru 31-854	LYC IO-540-M	RAP441CC-7	441CC-7	RA-B3-5-1, RA1J4-6		
SN. 31-855 thru 31-7612018	LYC IO-540-M	RAP441CC-7	441CC-7	RA1J4-6		
Deice	LYC IO-540-M	RAP441CC-7	441CC-7	RA-B3-5-1, RA1J4-6	RA2H30-6	
<b>PA-31-325 Navajo C/R</b>						
Non Deice, Pilot Instruments	LYC TIO-540-F LYC LTIO-540-F	RAP215CC, Left LYC LTIO-540-F	211CC 212CW	RA-B3-5-1, RA1J4-6 RA-B3-5-1, RA1J4-6		
Non Deice, Dual Instruments	LYC TIO-540-F LYC LTIO-540-F	RAP441CC-7, Left RAP442CW-6, Right	441CC-7 442CW-6	RA-B3-5-1, RA1J4-6 RA-B3-5-1, RA1J4-6		
Deice	LYC TIO-540-F LYC LTIO-540-F	RAP441CC-7, Left RAP442CW-6, Right	441CC-7 442CW-6	RA-B3-5-1, RA1J4-6 RA-B3-5-1, RA1J4-6	RA2H30-6	
<b>PA-31-350 (Chieftain)</b>						
Non Deice, Pilot Instruments	LYC TIO-540-J LYC LTIO-540-J	RAP215CC, Left Right	211CC 212CW	RA1J4-6 RA1J4-6	RA2H30-6	
SN. 31-7652124 and up	LYC TIO-540-J LYC LTIO-540-J	RAP215CC, Left Right		RA-B3-5-1, RA1J4-6 RA-B3-5-1, RA1J4-6	RA2H30-6	
Non Deice, Dual Instruments	LYC TIO-540-J LYC LTIO-540-J	RAP441CC-7, Left RAP442CW-6, Right	441CC-7 442CW-6	RA1J4-6 RA1J4-6		
SN. 31-5001 thru 31-7652123	LYC TIO-540-J LYC LTIO-540-J	RAP441CC-7, Left RAP442CW-6, Right	441CC-7 442CW-6	RA-B3-5-1, RA1J4-6 RA-B3-5-1, RA1J4-6		
SN. 31-7652124 and up	LYC TIO-540-J LYC LTIO-540-J	RAP441CC-7, Left RAP442CW-6, Right	441CC-7 442CW-6	RA-B3-5-1, RA1J4-6 RA-B3-5-1, RA1J4-6		
Deice	LYC TIO-540-J LYC LTIO-540-J	RAP441CC-7, Left RAP442CW-6, Right	441CC-7 442CW-6	RA1J4-6 RA1J4-6		
SN. 31-5001 thru 31-7652123	LYC TIO-540-J LYC LTIO-540-J	RAP441CC-7, Left RAP442CW-6, Right	441CC-7 442CW-6	RA1J4-6 RA1J4-6		
SN. 31-7652124 thru 31-7952250 with Kit 764016 or 764017	LYC TIO-540-J LYC LTIO-540-J	RAP441CC-7, Left RAP442CW-6, Right	441CC-7 442CW-6	RA-B3-5-1, RA1J4-6 RA-B3-5-1, RA1J4-6		
<b>PA-31P-350 Mojave</b> SN. 31P-8414001 Up	LYC TIO-540-V	RAP215CC, Left	211CC	RA1J4-6		
Non Deice	LYC LTIO-540-V	Right	212CW	RA1J4-6		
Deice	LYC TIO-540-V	RAP441CC-7, Left	441CC-7	RA1J4-6		
	LYC LTIO-540-V	Right	442CW-6	RA1J4-6		
<b>PA-31T2</b> SN. 31T-8166001 and up				RA1J4-7		
<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	

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Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Manifold Overhaul
		New	Overhaul			
<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-32-301T 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	
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 LYC LIO-360-C	RAP215CC, Left RAP216CW, Right	211CC 212CW	RA-B3-5-1, RA-D9-18-1		1H5-8
Deice	LYC IO-360-C LYC LIO-360-C	RAP441CC-7, Left RAP442CW-6, Right	441CC-7 442CW-6	RA-B3-5-1, RA-D9-18-1		1H5-13
<b>PA-34-200T Seneca II</b> Non Deice SN. 34-7570001 thru 34-7870492	TCM TSIO-360-E TCM LTSIO-360-E	RAP215CC, Left Right	211CC 212CW	RA-B3-5-1, RA1J4-6		
SN. 34-7970001 thru 34-8170092	TCM TSIO-360-E TCM LTSIO-360-E	RAP215CC, Left Right	211CC 212CW	RA1J4-6, RA-D-9-14-5		
Deice SN. 34-7570001 thru 34-8070037	TCM TSIO-360-E TCM LTSIO-360-E	RAP441CC-7, Left RAP442CW-6, Right	441CC-7 442CW-6	RA-B3-5-1, RA1J4-6		
SN. 34-8070038 thru 34-8170092	TCM TSIO-360-E TCM LTSIO-360-E	RAP441CC-7, Left RAP442CW-6, Right	441CC-7 442CW-6	RA1J4-6, RA-D-9-14-5		
Deice, Dual Instruments SN. 34-7570001 thru 34-7870492	TCM TSIO-360-E TCM LTSIO-360-E	RAP441CC-7, Left RAP442CW-6, Right	441CC-7 442CW-6	RA-B3-5-1, RA1J4-6		
SN. 34-7970001 thru 34-8170092	TCM TSIO-360-E TCM LTSIO-360-E	RAP441CC-7, Left RAP442CW-6, Right	441CC-7 442CW-6	RA1J4-6, RA-D-9-14-5		
<b>PA-34-220T Seneca</b> Non Deice	TCM TSIO-360-K TCM LTSIO-360-K	RAP215CC, Left Right	211CC 212CW	RA-B3-5-1, RA-D9-18-1		1H5-18
Deice	TCM TSIO-360-K TCM LTSIO-360-K	RAP441CC-7, Left RAP442CW-6, Right	441CC-7 442CW-6	RA-B3-5-1, RA-D9-18-1		1H5-18
<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	
<b>PA-39 Twin Comanche C/R</b>	LYC IO-320-B LYC LIO-320-B	RAP215CC, Left Right	211CC 212CW	RA-B3-5-1, RA-D9-18-1		1H5-2
<b>PA-40 Arapaho</b> Non Deice	LYC IO-320-B LYC LIO-320-B	RAP215CC, Left Right	211CC 212CW			
<b>PA-42-720, PA-42-1000 Cheyenne III</b>				RA-D-9-18-1		
<b>PA-44-180 Seminole</b>	LYC O-360-A, -E LYC LO-360-E	RAP215CC, Left Right	211CC 212CW	RAD9-18-1		1H5-8
<b>PA-44-180T Turbo Seminole</b> Non Deice	LYC TO-360-E LYC LTO-360-E	Left Right	211CC 212CW	RAD9-18-1		1H5-8
Deice	LYC TO-360-E LYC LTO-360-E	RAP441CC-7, Left RAP442CW-6, Right	441CC-7 442CW-6	RAD9-18-1		1H5-8
<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	1H5-18
Deice	TCM TSIO-520-B	RAP442CW-6, Left	442CW-6	RA-B3-5-1, RA-D9-18-1		1H5-18, 1H5-20
<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 Malibu Mirage</b> Dual Pump	LYC TIO-540-AE	RAP441CC-17, Upper RAP442CW-6, Lower	441CC-17 442CW-6	RA-B3-5-1, RA-D9-18-1	RA2H3-6	1H5-18
<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>Socatta / 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>100S</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>	LYC O-360-A	RAP215CC	211CC	RA-B3-5-1, RA-D9-18-1	RA2H3-12	
Aux. Backup Sys. SN. 984 and up						1H5-21

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

Aircraft Manufacturer Model / Serial Number / Option	Engine Manufacturer & Model	Dry Air Pump		Filters	Regulator	Manifold Overhaul
		New	Overhaul			
<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	1H5-21
<b>TB21</b> SN. 275 - 822, 858 - 947 excpt. 888 948 and up	LYC TIO-540-A	RAP241CC-13	241CC-13	RA-B3-5-1, RA-D9-18-1	RA2H3-12	1H5-21
<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 - see Areostar</b>						
<b>Vulcanair / Partenavia</b>						
<b>P68, P68B, P68C</b>	LYC IO-360-A	RAP215CC	211CC	RA1J7-1		1H5-1
Deice	LYC IO-360-A	RAP441CC-23	441CC-23			
<b>P68C-TC</b>	LYC IO-360-C	RAP215CC	211CC	RA1J7-1		1H5-1
Deice	LYC IO-360-C	RAP441CC-23	441CC-23			
<b>AP68TP300, AP68TP600</b>				RA1J7-1		1H5-1

For reference only.

### Section 2:

#### Beechcraft Bonanza Standby System By RAPCO - Replacement Parts

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

For reference only.

### Section 3:

#### Kit Plane Vacuum System Kit By RAPCO - Replacement Parts

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

For reference only.

### Section 2:

#### Dry Air Pump Cross Reference for Kit Plane and Experimental Aircraft Engines

For aircraft with two vacuum gyro instrument.

Engine Manufacturer	Engine Model	Dry Air Pump	
		New	Overhaul
Continental	O-200-A thru -C	RAP215CC-9	211CC-9
	IO-240	RAP216CW	212CW
	IO-360	RAP215CC	211CC
	IO-520	RAP216CW	212CW
	IO-550	RAP216CW	212CW
Jabiru	2200	RAP216CW	212CW
	2300	RAP216CW	212CW
Lycoming	O-235	RAP216CW	212CW
	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

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

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