

RAPCO INC. FUEL PUMP APPLICATION GUIDE

For Electric Fuel Pumps

Overhauled - FAA Approved Fuel Pumps with Warranty and FAA Form 8130-3

New - FAA-PMA Approved Fuel Pumps with Warranty

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.

To convert an original equipment part number to a RAPCO part number, add RA to the beginning of the number.

Refer to the FAA-PMA Supplement for installation eligibility.

Section 1: Airborne Fuel Pumps Overhaul Exchange by Fleet Support Services and RAPCO New Replacement pumps

Section 2: Dukes Fuel Pumps Overhauled by Fleet Support Services

Section 1:

Airborne - Overhaul Exchange Fuel Pumps

RAPCO - New Replacement Fuel Pumps

Aircraft Manufacturer & Model	Overhauled Airborne PN.	New RAPCO PN.	Aircraft Mfg. PN.
Aero Commander / Twin Commander / Gulfstream			
500B, 500S, 500V 680T, 680V, 680 W, 681, 690, 690A, 690B	1C15-1 1D3-4		630160-509 630309-503
690C, 690D, 695, 695A, 695B	3B7-4		630390-503
700	1C6-17 2B7-35 2B6-38 (Superceded to 2B7-35)		
Aerospatiale - see Eurocopter			
Agusta			
A109, A109A, A109All , A109C A109K2, A1090E, A119	2C35-3 (See below) 1C27-11 (Cartridge for 2C35-3)	RA1C27-11	109-0611-53-1
Beechcraft / Raytheon / Hawker / TCM			
A36TC, B36TC	2B7-34		36-920001-603
56TC, A56TC, 58P, 58TC Baron, B60 Duke	1D1-6		60-389010-15
65B80 Queen Air	1D1-7		50-389041-11
65, A65, 65B80, A65-8200, 70 Queen Air	1D1-8		50-389041-9
C90 King Air	1C12-1		50-389094-5
E90 King Air	1D2-13	RA1D2-13	50-380177-7
C90, C90A, C90GT, C90GTi, E90, 99, 99A, A99A, B99, C99, 100, A100, A100A, A100C, B100, 200, 200C, 200CT, 200T, B200, B200C, B200CT, B200CGT, B200GT	1D2-12	RA1D2-12	50-380177-5
300, 300LW, B300, B300C	1D2-13	RA1D2-13	50-380177-7
1900, 1900 (C-12), 1900C, 1900D, Airliner	1C64-5 (Also see below) 1C27-18 (Cartridge for 1C64-5)	RA1C27-18	118-389006-5
Model 400 Beechjet	1C7-15 1C7-9		45AS48015-2 45AS48015-3
MU-300	1C7-15 1C7-9		45AS48015-2 45AS48015-3
HS, 125-700A, BAE 125-800A	2B6-72 (APU Fuel Pump)		
Hawker (HS 125) All Models	2C40-2		
Premier I	1C64-12 1C27-21 (Cartridge for 1C64-12)		118-389006-7

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

Aircraft Manufacturer & Model	Overhauled Airborne PN.	New RAPCO PN.	Aircraft Mfg. PN.
Bell			
205A 205A-1, 205A-1, 212, 412	2C12-1 1C64-1 (Also see below) 2C27-3 (Cartridge for 1C64-1)	RA2C27-3	205-060-606-3 206-062-687-101
206B Jet Ranger 206B, 206L, 206L-1, 206B, 206L, 206L-1, 206L, 206L-1 Long Ranger 206B, 206L, 206L-1, 206L-3, 206L-4	1C38-1 (Also see below) 1C27-10 (Cartridge for 1C38-1) 1C35-1 (Also see Below) 1C27-10 (Cartridge for 1C35-1) 2C27-1 (Opt. Cartridge for 1C38-1) 1C36-1 (Also see Below) 2C27-1 (Cartridge for 1C36-1)	RA1C27-10 RA1C27-10 RA2C27-1	206-062-681-101 411523478-00 206-063-602-001 411523478-00
Gemini ST	1C45-7 (See below) 1C45-6 (Cartridge for 1C45-7)		
407	1C36-4 (With 1C27-10 Cartridge)	RA1C27-10	
407T	1C45-6		
412, 412EP, 412CF		RA2C27-3	
427	1C39-2 (See Below) 1C27-10 (Cartridge for 1C39-2)	RA1C27-10	427-366-104-101
Bellanca			
17-30A Viking w/ TCM Engine 17-31A Viking, 17-31ATC w/ Lycoming Engine	2B6-9 2B6-47		
Bombardier - see DeHavilland			
California Helicopter			
S58T	3B7-4		
Cessna			
208, 208A Caravan I	2C6-8		
310, 320, 340 (Tip Tank Models)	1C6-10		
401, 402, 414, 421 (Tip Tank Models)	1C6-10		
402C Business Liner, 404 Titan	2B7-29 2B7-51		9910202-1 thru -4 9910202-1
406 Caravan II	1C12-17		9910288-8
411	1C6-10		
414A Chancellor	2B7-29 2B7-51 (Superceded to 2B7-29)		9910202-1 thru -4 9910202-1
421 (Aux - Wing tank transfer)	1B5-8		
421, 421A, 421B (Tip tank) 421C	1C6-10 2B7-29 2B7-51 (Superceded to 2B7-29)		9910202-1 thru -4 9910202-1
425 Corsair/ Conquest I	2C6-3		
441 Conquest, Conquest II	1C12-17		9910288-8
500 Citation I, 550 Citation II, S550, 552 (T-47)	1C7-12		9912017-3
500 Citation I, 550 Citation II (British), 525 Citation Jet	1C7-13		9912017-4
560 Citation V	1C7-23		9912553-1
650 Citation III, VI, VII	1C56-2 (See below) 1C27-14 (Cartridge for 1C56-2)	RA1C27-14	
650 Citation III	1C27-14		
Citation Sovereign	3C7-1		
Construcciones Aeronauticas, SA (CASA) / EADS			
212	2C37-2 (Also see below) 2C27-2 (Cartridge for 2C37-2)		AC520251
CN-235	1C12-34		AC510007B
DeHavilland / Bombardier / Viking Air Limited			
DHC-6-100, -200, -300 Twin Otter	1D2-17 1D2-14 2B7-1	RA1D2-17	C6SC1005-5
DHC-6-300 Twin Otter			
Dornier / Fairchild			
DO-228D-DO 28-D1	1C12-23		
DO-228-100, -101, -200, -201	1C12-32		

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Aircraft Manufacturer & Model	Overhauled Airborne PN.	New RAPCO PN.	Aircraft Mfg. PN.
Embraer / Empresa Brasileira de Aeronautica SA.			
EMB-110P1, P2 Bandeirante	2C37-1 (See below) 2C27-2 (Cartridge for 2C37-1)		
EMB-120 Brasilia	1C7-17		
Eurocopter Deutschland / M.B.B.			
BO-105	1C64-2 (Also see Below) 2C27-3 (Cartridge for 1C64-2)		
BK-117, A1, A3, A4, B1, B2, C1, BO-105, CB, CBS	1C64-7 (Also see below) 1C27-19 (Cartridge for 1C64-7)	RA1C27-19	
BO-105A, C, S, LS A1, LS A-3		RA2C27-3	
MBB-BK 117 A-1, A-3, A-4, B-1, B-2, C-1, C-2		RA1C27-5	
Fairchild (Swearingen)			
SA226-T, -AT,-TC,-T(B) SA227-AC, -AT, -TT Metro & Merlin	1C49-5 (3 pin connector) 1C49-3 (2 pin connector) 1D2-9 (2 pin connector)		
F27, F27A, B, F, G, J, M, FH-227, B Thru -E	1C42-1 (Also see Below) 1C27-5 (Cartg. For 1C42-1)	RA1C27-5	
Eurocopter France / Aerospatiale			
AS-350D Astar	1C45-3 (Pump for 1C45-2)		
AS350B, B1, B2, BA, C, D, D1	1C45-5 (Pump for 1C45-4)		
SA360C Dauphin	1C44-1		
Twin Star, AS355E, AS335F AS355F1, AS355F2, AS355N SA365N/N1, AS365N2, AS365N3	1C64-15 (See below) 1C27-20 (Cartridge for 1C64-15)	RA1C27-20	
AS332L & L1, Super Puma	1C64-8 (See below) 1C27-20 (Cartridge for 1C64-8)	RA1C27-20	
Fokker			
F27 Mark 50, 100-700	1C42-1 (Also see Below) 1C27-5 (Cartg. For 1C42-1)	RA1C27-5	
F.27 Mark 100, 200, 300, 400, 500, 600, 700 F-27, -27A, B, F, G, J, M, FH-227B, C, D, E	1C27-19	RA1C27-19	
G.A.F.			
Nomad N22, N24	2B6-34		
Nomad N22B, N24A	2C6-2		
Gulfstream - see Aero Commander			
Hawker - see Beechcraft			
Hiller			
UH-12D	2B6-52		
UH-1D, 12E	2B6-69 (Turbine)		
Hughes - see McDonnell Douglas			
Jetstream			
Jetstream 3100	2C6-5		
Jetstream 3200 and 41	2C37-3, -4, -6 (See below) 2C27-4 (Cartridge for 2C37-3, -4, -6)		
Kamen			
KMAX 1200	1C64-9 (See below) 2C27-3 (Cartridge for 1C64-9)		
Seasprite SH-2F, SH-26	1C64-1 1C64-6 (See below) 2C27-3 (Cartridge for 1C64-6)		

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Aircraft Manufacturer & Model	Overhauled Airborne PN.	New RAPCO PN.	Aircraft Mfg. PN.
Machen			
Aerostar, Bonanza Conversions	2B6-84		
McDonnell Douglas / Hughes			
369A, D, HE, HM, HS (500)	1C3-4		369A8143
500N, 600N		RA1C27-10	
Mitsubishi			
MU-2B-26A, -40, -60 (Except SN. 356 & 700)	1C12-3		035A948426-1
MU-300	1C7-9		45AS48015-3
(Beech Model 400)	1C7-15		45AS48015-2
M.M.B - see Eurocopter Deutschland			
Piaggio			
P-180	1C12-43		
Piper			
PA-31-350 Chieftain T1020	2B6-63 2B6-50 2B6-64 2B6-51		481 802 481 801
PA-31P Navajo	1C6-9		481 755
PA-31P-350 Mojave	2C6-7		481 840
PA-31T, PA31T2, PA31T3, PA-42 Cheyenne	1C54-1		481 844
PA-32-300, PA32-301, PA-32R-301, PA32RT-301	1B5-6		481 708
PA-34-200 Seneca	1B5-6		481 708
PA-34-200 & PA34-200T SN. 34-7570309 & up	2B6-44		481 776
PA-34-220T SN.34-4480001 & up	2B6-86		461 724
PA-34-220T	2B6-88		461 749
PA-36-285 Pawnee Brave	2B6-16		481 748
PA-36-300 Pawnee Brave	2B6-36		481 768
PA-46-310P Malibu	1C15-7 1B9-4		481 854 481875
PA-46-350P Mirage	1B9-4 2C6-7		481875 481840
Aerostar 600, 60, 601P	2B6-6		481 813
PA-60-602P	2B6-73		481 833
PA-60-700P	2B6-75		481 836
Raytheon see Beechcraft			
Schaefer Aircraft			
PA-31P-135 Commanchero, PA-31P-350 Commanchero 500	2B7-40		
Socata / EADS			
TBM 700	1B9-5		Z00.N6097727224
Soloy Hiller			
UH-12D, 12E	2B6-69		
Swearingen - see Fairchild			
Twin Commander - see Aero Commander			

For reference only.

When selecting a part for installation refer to the Aircraft Parts Catalogue.

Refer to the FAA-PMA Supplement for installation eligibility.

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Section 2: Dukes - Overhaul Exchange Fuel Pump Application Guide

Aircraft Manufacturer & Model	Dukes Overhaul PN.	Aircraft Mfg. PN.
Cessna		
R172K SN. R172000 thru R1722724	4140-00-17	C291504-0101
R172K SN. R1722725 & up	4140-00-15	C291504-0201
FR172E, G, H, J, K, up to SN. FR17200620	4140-00-17	C291504-0101
FR172K, up to SN. FR17200621 & up	4140-00-15	C291504-0201
R182/TR182 SN. R18200584 thru R18201628	4140-00-15	C291504-0201
177RG SN. 177RG0001 thru 177RG1266	4140-00-17	C291504-0101
177RG SN. 177RG1267 thru 177RG1366	4140-00-15	C291504-0201
F177RG SN. F177RG0063 thru F177RG0177	4140-00-17	C291504-0101
R182/TR182 SN. R18200584 thru R18201628	4140-00-15	C291504-0201
185, 185A, C, D, E SN.18502091 thru 18503458	4140-00-17	C291504-0101
A185E, A185F SN.18502091 thru 18503458	4140-00-17	C291504-0101
A185F SN.18503459 & up	4140-00-15	C291504-0201
188, A188, 188A, A188A, 188B, A188B	4140-00-17	C291504-0101
206	4140-00-17	C291504-0101
P206, P206A, P206B, P206C, P206D, P206E	4140-00-17	C291504-0101
TP206A, B, C, D, E	4140-00-17	C291504-0101
U206A, B, C, D, E, F, G	4140-00-17	C291504-0101
207, T207, 207A/T207A up to SN.20700414	4140-00-17	C291504-0101
207/T207 SN.20700228 & up, 207A/T207A	4140-00-15	C291504-0201
210-5, 210-5A, 210, 210A, B, C, D, E, F, G, H	4140-00-17	C291504-0101
210H, J, K, L, M, N, R	4140-00-15	C291504-0201
T210F, T210G, T210H	4140-00-17	C291504-0101
T210H, J, K, L, M, N, R	4140-00-15	C291504-0201
P210N, P210R	4140-00-15	C291504-0201
303	1515-00-1	C291504-0301
303 with SK303-43	1515-00-3	C291504-0302
310 Series (Wing Locker Tank)	4140-00-153	
320 Series (Wing Locker Tank)	4140-00-153	
335 (Wing Locker Tank)	4140-00-153	
336	4140-00-15	C291504-0201
337 Series	4140-00-15	C291504-0201
340 (Wing Locker Tank)	4140-00-153	
401 (Wing Locker Tank)	4140-00-153	
402, 402A, 402B (Wing Locker Tank)	4140-00-153	
414 (Wing Locker Tank)	4140-00-153	
421, 421A, 421B 421C (Wing Locker Tank)	4140-00-153	
Gipsland Aeronautics		
GA6	4140-00-17	
Mooney - Be Sure to check Mooney AD status for proper Fuel Pump part number changes.		
M20C	4140-00-21A	
M20D	4140-00-21A	
M20E Click here to view AD 80-13-03	4140-00-19A or 1499-00-19	610-153-501
M20F Click here to view AD 80-13-03	4140-00-19A or 1499-00-19	610-153-501
M20J Click here to view AD 80-13-03	4140-00-19A or 1499-00-19	610-153-501
M20K	4140-00-19A	610-153-501

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Aircraft Manufacturer & Model	Dukes Overhaul PN.	Aircraft Mfg. PN.
Navion		
H-Model	4140-00-17N	
Piper		
PA24-250 Comanche (Fuel Injected)	4140-00-218	
PA24-260 Comanche (Fuel Injected)	4140-00-218	

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