

AIRCRAFT FUEL PUMP APPLICATION GUIDE

Electric Boost and Transfer Fuel Pumps and Cartridges

**Overhauled Exchange or Customer Property Overhaul of Airborne, Dukes, and RAPCO, by FSS
FAA / EASA Approved with FAA / EASA Dual Release on FAA Form 8130-3**

**RAPCO Inc. New Exchange and Overhaul Exchange Replacements for Airborne Fuel Pumps
New - FAA-PMA / EASA Approved, OH - FAA / EASA Dual Release on FAA Form 8130-3**

This Application Guide is to be used for reference only.

When selecting a part for installation consult the aircraft manufacturer's approved parts catalogue.

RAPCO Inc. brand new or overhaul replacement part numbers have RA added to the beginning of the original equipment PN.

[Refer to the FAA-PMA Supplement for installation eligibility.](#)

Section 1: Airborne and RAPCO Fuel Pumps OH Exchange by Fleet Support Services and RAPCO New Exchange replacement pumps

Section 2: Dukes Fuel Pumps Overhauled Exchange by Fleet Support Services

Section 1:

Airborne - Overhauled Exchange or Customer Property Overhaul Fuel Pumps

RAPCO - New Exchange or Overhaul Exchange Replacement Fuel Pumps

Aircraft Manufacturer & Model	Overhauled Airborne PN.	New or OH RAPCO	Aircraft Mfg. PN.
Aero Commander / Rockwell / Gulfstream / Twin Commander			
500B, 500S, 500V	1C15-1		630160-509
680T, 680V, 680 W, 681, 690, 690A, 690B	1D3-4		630309-503
690C, 690D, 695, 695A, 695B	3B7-4		630390-503
700	1C6-17 2B7-35 2B6-38 (SS to 2B7-35)		
Aerospatiale - see Eurocopter France			
Aerostar / Ted Smith Aerostar / Piper			
Aerostar 600, 601, 601P	2B6-6		481 813
PA-60-602P	2B6-73		481 833
PA-60-700P	2B6-75		481 836
Agusta			
A109, A109A, A109All , A109C, A109K2, A1090E, A119	2C35-3 (Cartridge only, see below) 1C27-11 (Cartridge for 2C35-3)	RA1C27-11	109-0611-53-1
Beech / Beechcraft / Raytheon / Hawker Beechcraft / Textron			
A36TC, B36TC	2B7-34		36-920001-603
56TC, A56TC, 58P, 58TC Baron, B60 Duke	1D1-6		60-389010-15
65, A65, 65B80, A65-8200,	1D1-8		50-389041-9
C90 King Air	1C12-1		50-389094-5
E90 King Air	1D2-13	RA1D2-13	50-380177-7

Aircraft Manufacturer & Model	Overhauled Airborne PN.	New or OH RAPCO	Aircraft Mfg. PN.
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 Premier I	2B6-72 (APU Fuel Pump) 1C64-12 (Also see below) 1C27-21 (Cart. for 1C64-12)		118-389006-7
Bell			
205A 205A-1, 205A-1, 212, 412	2C12-1 w/ 2C27-3 Cartridge 1C64-1 w/ 2C27-3 Cartridge 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 (Cartridge only, see below) 1C45-6 (Cartridge for 1C45-7)		
407	1C36-4 (Cartridge only, see below) 1C27-10 Cartridge for 1C36-4	RA1C27-10	
407T	1C45-6		
412, 412EP, 412CF		RA2C27-3	
427	1C39-2 (Cartridge only 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 de Havilland			
California Helicopter			
S58T	3B7-4		
CASA - see EADS			
Cessna / Textron			
208, 208A Caravan	2C6-8		
310, 320, 340 (Tip Tank Models)	1C6-10		
401, 402, 414, 421 (Tip Tank Models)	1C6-10		

Aircraft Manufacturer & Model	Overhauled Airborne PN.	New or OH RAPCO	Aircraft Mfg. PN.
402C Business Liner,	2B7-29		9910202-1 thru -4
404 Titan	2B7-51		9910202-1
406F Reims Caravan II	1C12-17		9910288-8
411	1C6-10		
414 (Aux wing tank)	1B5-8		
414A Chancellor	2B7-29 2B7-51 (Superceded to 2B7-29)		9910202-1 thru -4 9910202-1
421, 421A, 421B (Tip tank)	1C6-10		
421, 421A, 421B (Aux wing tank)	1B5-8		
421C	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 (Cartridge only see below) 1C27-14 (Cart.for 1C56-2)	RA1C27-14	
Daher / Socata / EADS			
TBM 700	1B9-5		Z00.N6097727224
de Havilland / Bombardier / Viking Air Limited			
DHC-6-100, -200, -300 Twin Otter	1D2-17 1D2-14	RA1D2-17	C6SC1005-5
DHC-6-300 Twin Otter	2B7-1		
Dornier - see Fairchild			
EADS / CASA			
C-212	2C37-2 2C27-2 (Cartridge for 2C37-2)		AC520251
CN-235	1C12-34		AC510007B
EADS - see Daher			
Embraer / Empresa Brasileira de Aeronautica SA.			
EMB-110P1	2C37-1 (See below)		
P2 Bandeirante	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	1C64-7 (Also see below)		
BO-105, CB, CBS	1C27-19 (Cartridge for 1C64-7)	RA1C27-19	
BO-105A, C, S, LS A1, LS A-3		RA2C27-3	

Aircraft Manufacturer & Model	Overhauled Airborne PN.	New or OH RAPCO	Aircraft Mfg. PN.
MBB-BK 117 A-1, A-3, A-4, B-1, B-2, C-1, C-2		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	1C64-15 (See below)		
AS355F1, AS355F2, AS355N	1C27-20 (Cartridge for 1C64-15)	RA1C27-20	
SA365N/N1. AS365N2, AS365N3			
AS332L & L1, Super Puma	1C64-8 (Cartridge only see below)		
	1C27-20 (Cartridge for 1C64-8)	RA1C27-20	
Fairchild / Swearingen			
SA226-T, -AT, -TC, -T(B)	1C49-5 (3 pin connector)		
SA227-AC, -AT, -TT	1C49-3 (2 pin connector)		
Metro & Merlin	1D2-9 (2 pin connector)		
F27, F27A, B, F, G, J, M	1C42-1 (Also see Below)		
FH-227, B Thru -E	1C27-5 (Cartg. For 1C42-1)	RA1C27-5	
Fairchild - Dornier			
DO-228D-DO 28-D1	1C12-23		
DO-228-100, -101, -200, -201	1C12-32		
Fokker			
F27 Mark 50, 100-700	1C42-1 (Also see Below)		
	1C27-5 (Cart. for 1C42-1)	RA1C27-5	
F.27 Mark 100, 200, 300, 400, 500, 600, 700	1C27-19	RA1C27-19	
F-27, -27A, B, F, G, J, M, FH-227B, C, D, E			
GAF - (Australia) Nomad			
Nomad N22, N24	2B6-34		
Nomad N22B, N24A	2C6-2		
Gulfstream - see Aero Commander			
Harbin			
Y12-IV	2C37-5 (Cartridge only see below)		
	2C27-2 (Cart. for 2C37-5)		
Hawker Beechcraft - see Beechcraft			
Hiller			
UH-12D	2B6-52		
UH-1D, 12E	2B6-69 (Turbine)		
Hughes - see McDonnell Douglas			

Aircraft Manufacturer & Model	Overhauled Airborne PN.	New or OH RAPCO	Aircraft Mfg. PN.
Jetstream			
Jetstream 3100	2C6-5		
Jetstream 3200 and 41	2C37-3, -4, -6 (Cart. Only see below) 2C27-4 (Cartridge for 2C37-3, -4, -6)		
Kamen			
KMAX 1200	1C64-9 (Cart. only see below) 2C27-3 (Cartridge for 1C64-9)		
Seasprite SH-2F, SH-26	1C64-1 1C64-6 (Cart. only see below) 2C27-3 (Cartridge for 1C64-6)		
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 (4 mounting holes)	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 (6 mounting holes) (Inline)	1C15-7 1B9-4		481 854 481875
PA-46-350P (Inline) (Submerged, with 6 mounting holes)	1B9-4 2C6-7		481875 84100-003

Aircraft Manufacturer & Model	Overhauled Airborne PN.	New or OH RAPCO	Aircraft Mfg. PN.
PA-600, -700 Series - see Aerostar			
Raytheon - see Beechcraft			
Rockwell - see Aero Commander			
Socata see Daher			
Soloy Hiller			
UH-12D, 12E	2B6-69		
Ted Smith Aerostar - see Aerostar			
Textron - see Beech or Cessna			
Twin Commander - see Aero Commander			
Viking Air Limited - see de Havilland			
For reference only. Refer to the FAA-PMA Supplement for installation eligibility.			62524

Section 2: **Dukes - Overhauled 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. Like part number cores must be returned for core credit.		
M20D	4140-00-21A	
M20E, M20F, M20J (with filter) Click here to view AD 80-13-03	4140-00-19A	610-153-501
M20E, M20F, M20J (no filter)	1499-00-19	
M20K	4140-00-19A	610-153-501
Navion		
H-Model	4140-00-17N	
Piper		
PA24-250 Comanche (Fuel Injected)	4140-00-218	
PA24-260 Comanche (Fuel Injected)	4140-00-218	

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