2-STROKE ENGINE SPECIFICATIONS CHART
Peninsula Channel Commanders (PCC) of San Francisco, California
AMA charter Club #139
WWW.FLYPCC.ORG

Engine Model	Displace-ment cubic inches (cc)	Bore Inches (mm)	Stroke (mm)	Power Output HP @ rpm	RPM Range	Weight w/muffler [w/o muffler]	Power To Weight Ratio (hp/lbs)
IRVINE							
25ABC MK II	.25 (4.08)	.65 (17.75)	.488 (16.5)	0.9	3000-20000	12.14?	
39ABC	.36 (5.94)	.835 (21.2)	.709 (18)	1.3	3000-17000	13.0?	
40ABC MK III	.40	.807	.768	1.2	2800-17000	18.1 [13.9]	
46ABC MK III	.46	.874	.768	1.4	28000-17000	18.0 [13.8]	
53ABC	.53	.906	.807	1.7	2800-17000	18.2 [14.0]	
54ABC LTD							
61ABC MKIII	.61	.945	.866	1.7	2800-16000	24.0 [17.4]	
72ABC MK II							
150 MKII Ring	1.5 (24.59)	1.299 (33)	1.134 (28.75)	2.55	1700-1200	[36.79]	
MAGNUM							
XL 15A		(15)	(14)		3000-18000	[5.8]	
XL 25A MK2		(18)	(16)		1200-12500	[10.5]	
XL 32A MK2		(19)	(23)		2200-13000	[11.6]	
GPA 40A		(20.66)	(19.28)		2200-13000	[14.9]	
XL 46A MK2		(22.25)	(19.28)		2000-12800	[14.7]	
XL 53A MK2		(23.7)	(19.28)		2000-12800	[14.9]	
XL 61A MK2		(24)	(22)		2000-12000	[21.5]	
XL 91A		(27.5)	(26)		2000-12000	[23.7]	
XL 120AR		(28.5)	(29)		1800-9000	[30.1]	
XL 180A		(35)	(30)		1800-10000	[55]	

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OS ENGINES							
OS .15 LA-S	0.152 (2.49)	0.598 (15.2)	0.539 (13.7)	0.41@ 17000	2500-18000	4.56	
OS .15 CV-A	0.152 (2.49)	0.598 (15.2)	0.539 (13.7)	0.5 @ 18000	2500-19000	5.99	
OS .25 LA-S	0.249 (4.07)	0.709 (18)	0.63 (16)	0.6@ 15000	2000-16000	6.54	
OS .25 FX	0.249	0.710	0.630	0.84@ 18000	2500-19000	8.8	1.52
OS .32 SX	0.319 (5.2)	0.77 (19.6)	0.69 (17.5)	1.2@ 18000	2000-22000	9.5	
OS .40 LA-S	0.396 (6.49)	0.834 (21.2)	0.724 (18.4)	1.0@ 15000	2000-16000	9.43	
OS .40 FX	0.395	0.810	0.770	1.36 @ 16000	2,000-17,000	[13.6 oz]	
OS .40 LA-S	0.467 (7.64)	0.906 (23)	0.724 (18.4)	1.2@ 15000	2000-16000	9.29	
OS .46 AX	0.455 (7.5)	0.866 (22)	0.772 (19.6)	1.65 @ 16000	2,000-17,000	17.2	1.53
OS .46 VX-DF	0.455 (7.45)	0.866 (22)	0.772 (19.6)	2.5@ 23000	2500-28000	16.6	
OS .50 SX	0.499 (8.17)	0.866 (22)	0.847 21.5	1.8 @ 17000	2000-20000	13.8	
OS .55 AX	0.545 (9)	0.91 (23)	0.85 (21.5)			14.3	
OS .61 FX	0.607	0.945	0.866	1.90 @ 16000	2000-17000	19.4	1.56
OS .91 FX	0.912	1.090	0.976	2.8 @ 15000	2000-16000	19.3	2.32
OS 1.08							
OS 1.40	1.404 (23)	1.26 (32)	1.126 (28.6)	3.5@ 9000		29.3	
OS 1.20 AX	1.20	1.197	1.083	3.1 @ 9000	1800-9500	21?	
OS 1.60 FX	1.60 (26)	1.32 (33.6)	1.16 (29.6)	3.7 @ 9000	1800-10000	32.6	1.81

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SUPERTIGER							
G-34	0.34 (5.5)	0.787 (20)	0.669 (17.5)	0.98 @ 16500	2500-17000	12.8 [9.65]	
GS-40 Ring	0.39 (6.46)	0.846 (21.5)	0.701 (17.8)	1.15 @ 15500	3000-17000	19.1 [13.1]	
GS-45 ABC	0.46 (7.5)	0.860 (21.85)	0.787 (20)	1.45 @ 16000	2500-16000	18.5 [13.2]	
G-51 Ring	0.51 (8.3)	0.905 (23)	0.787 (20)	1.48 @ 15500	2500-15500	18.4 [12.7]	
G-61 Ring	0.61 (9.95)	0.945 (24)	0.866 (22)	1.75 @ 16000	2500-16500	26.8 [20]	
G-61 ABC	0.61 (9.95)	0.945 (24)	0.866 (22)	1.75 @ 16000	2500-16500	26.7 [20]	
G-75 Ring	0.75 (12.21)	1.024 (26)	0.906 (23)	2.18 @ 15600	2500-16000	27 [20.6]	
G-90 Ring	0.90 (14.73)	1.083 (27.5)	0.976 (24.8)	2.5 @ 148000	2500-16000	27 [20.7]	
G-2300	1.418 (23.31)	1.28 (32.5)	1.102 (28)	3.7 @ 12600		38 [31]	
THUNDER TIGER							
PRO-36	0.365 (5.98)	0.819 (20.8)	0.693 (17.6)	1.1 @ 16000	2000-17000	11.06	
PRO-40	0.398 (6.52)	0.823 (20.9)	0.748 (19)	1.22 @ 16000	2000-17000	16.03	
PRO-46	0.456 (7.47)	0.858 (21.8)	0.787 (20)	1.43 @ 16000	2000-17000	16.05	
PRO-61	0.609 (9.98)	0.925 (23.5)	0.906 (23)	1.85 @ 15000	2000-16000	26.75	
PRO-91	0.913 (14.96)	1.102 (28)	0.957 (24.3)	2.75 @ 15000	2000-16000	19.83	
PRO-120 SE	1.267 (20.76)	1.22 (31)	1.083 (27.5)	3.2 @ 15000	1800-15000	35.5	
PRO-120 RE	1.267 (20.76)	1.22 (31)	1.083 (27.5)	3.5 @ 15000	1800-15000	27.51	