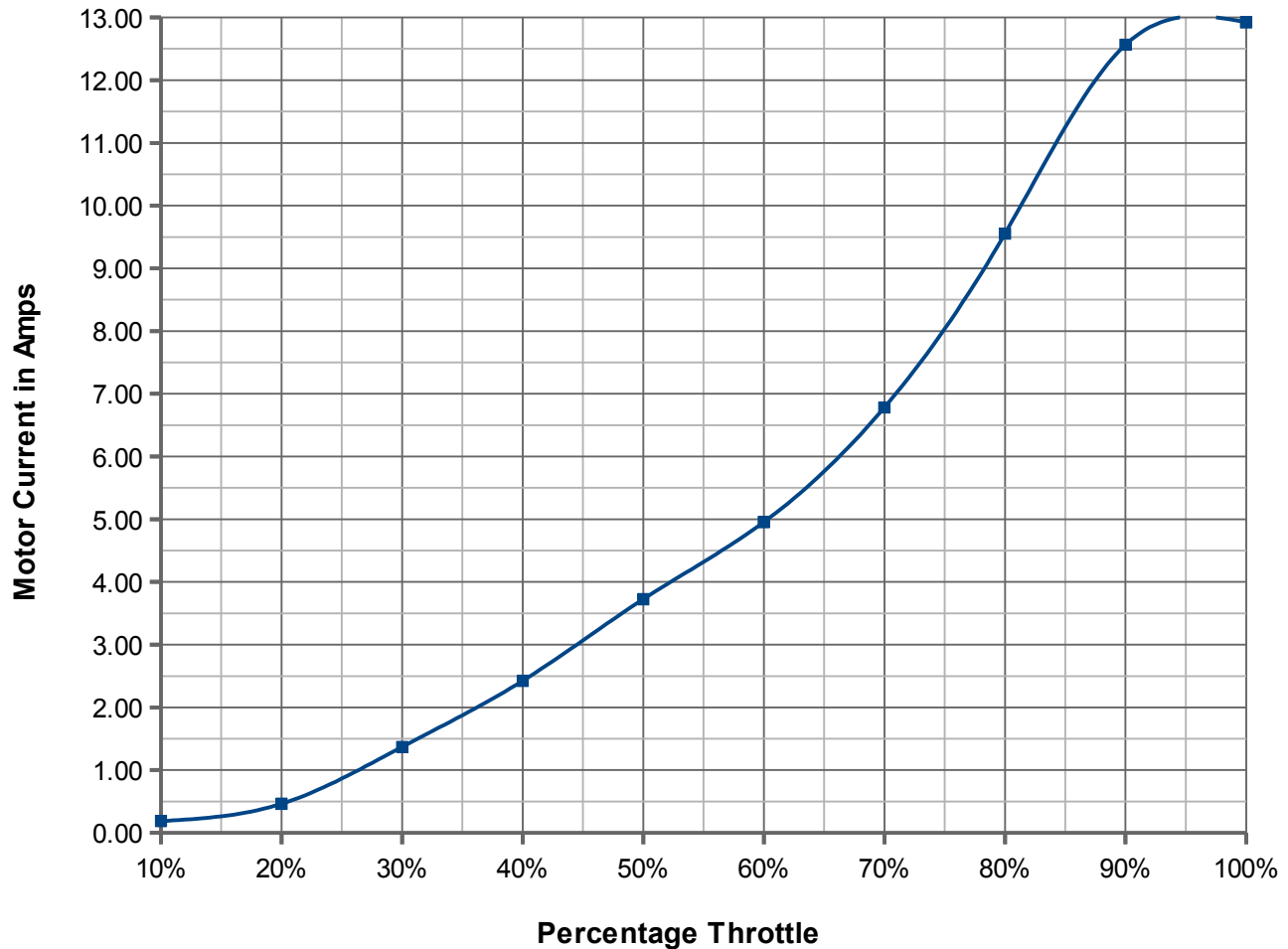


Cobra 2204/32 Motor Test Data, Kv=1960

Data Collected at 11.1 volts with FC 6x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.19	2.09	2,859	20.1	0.71	9.63
20%	0.46	5.15	4,425	46.7	1.65	9.07
30%	1.37	15.22	6,863	119.4	4.21	7.85
40%	2.42	26.91	8,546	180.9	6.38	6.72
50%	3.73	41.36	10,005	251.9	8.88	6.09
60%	4.95	54.99	11,044	311.2	10.97	5.66
70%	6.78	75.28	12,524	394.3	13.90	5.24
80%	9.55	106.04	13,998	490.0	17.27	4.62
90%	12.57	139.47	15,356	598.1	21.08	4.29
100%	12.92	143.43	15,479	612.3	21.58	4.27

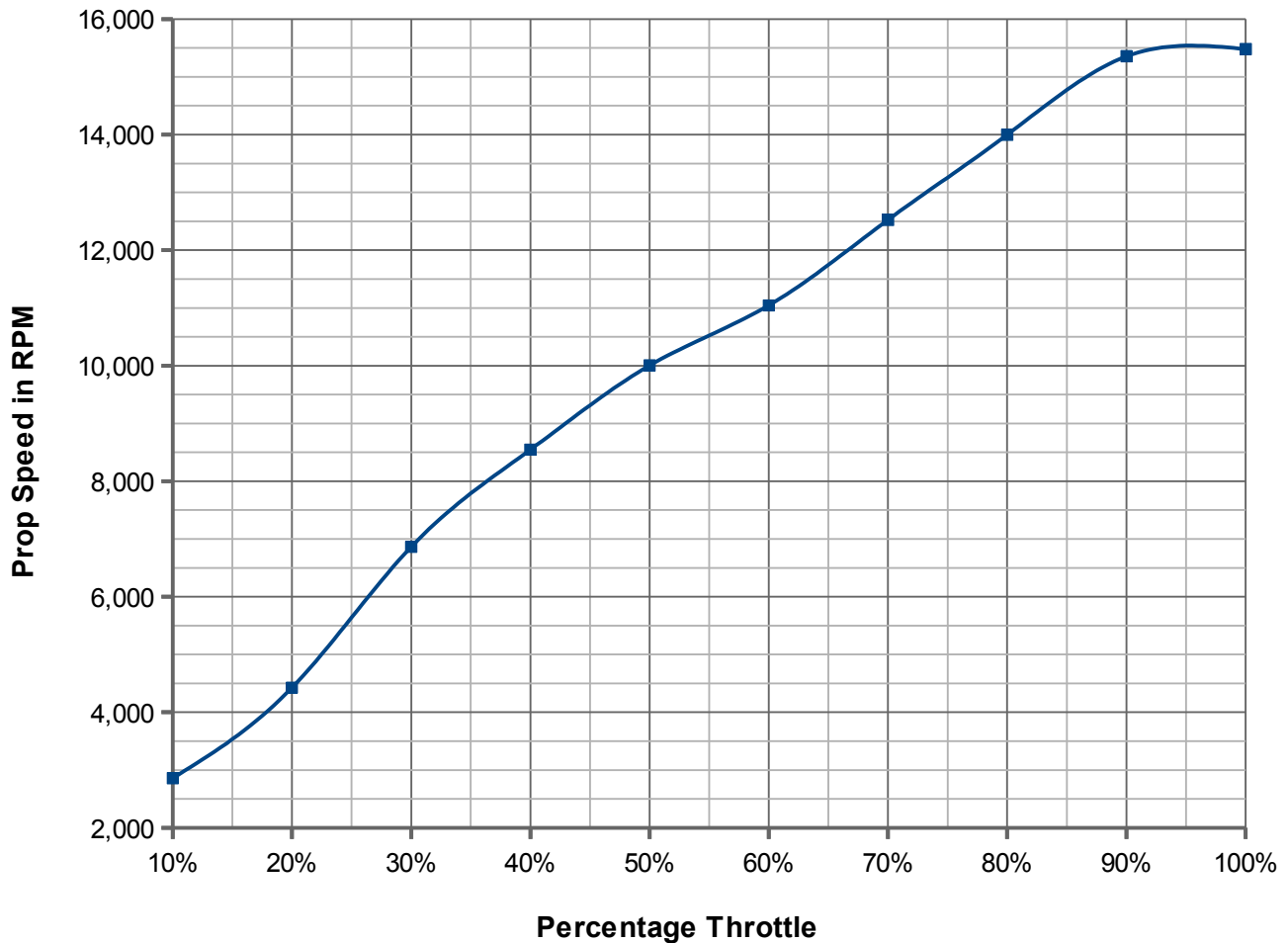
Motor Current vs Throttle Position



Cobra 2204/32 Motor Test Data, Kv=1960

Data Collected at 11.1 volts with FC 6x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.19	2.09	2,859	20.1	0.71	9.63
20%	0.46	5.15	4,425	46.7	1.65	9.07
30%	1.37	15.22	6,863	119.4	4.21	7.85
40%	2.42	26.91	8,546	180.9	6.38	6.72
50%	3.73	41.36	10,005	251.9	8.88	6.09
60%	4.95	54.99	11,044	311.2	10.97	5.66
70%	6.78	75.28	12,524	394.3	13.90	5.24
80%	9.55	106.04	13,998	490.0	17.27	4.62
90%	12.57	139.47	15,356	598.1	21.08	4.29
100%	12.92	143.43	15,479	612.3	21.58	4.27

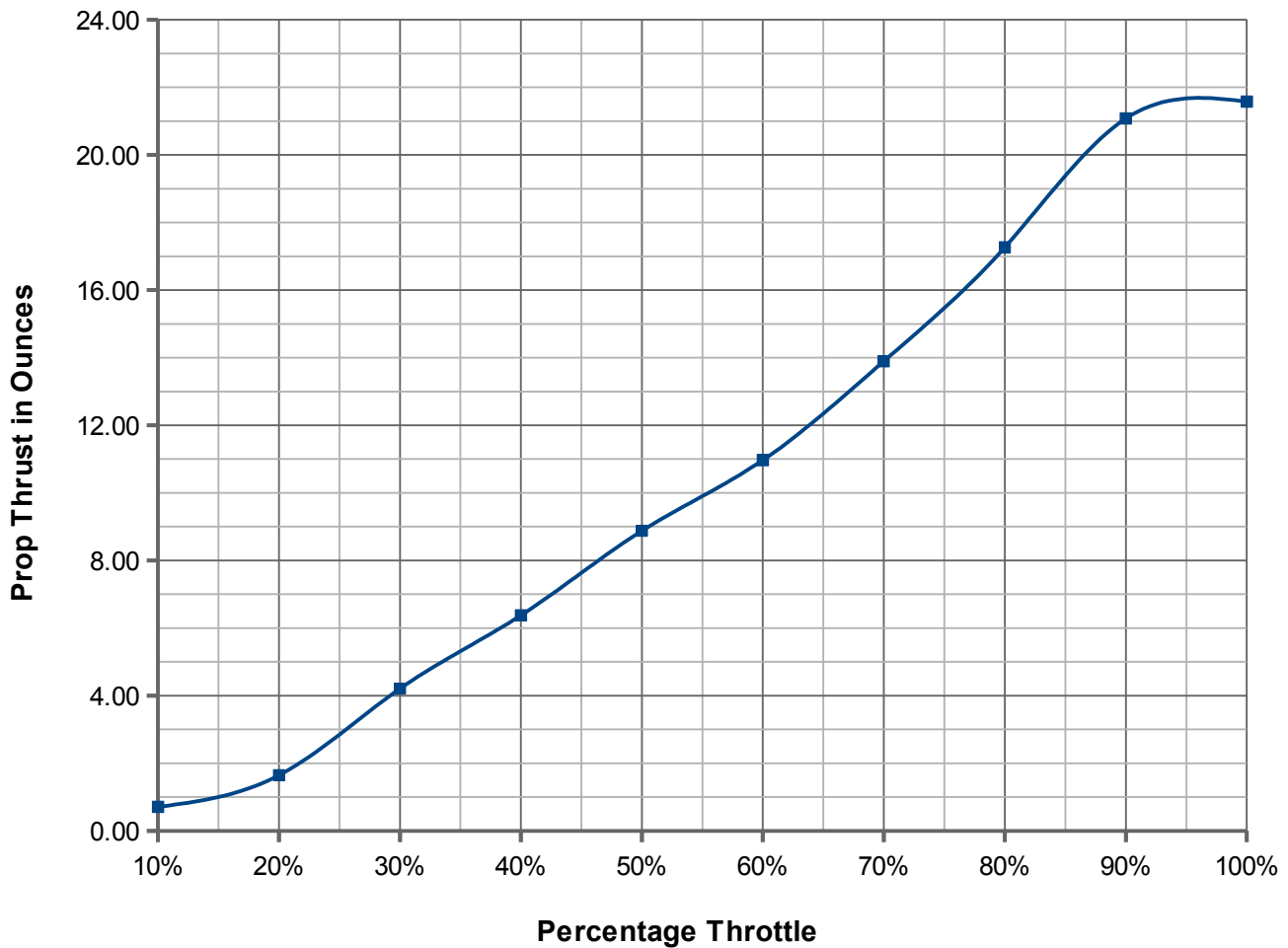
Propeller RPM vs Throttle Position



Cobra 2204/32 Motor Test Data, Kv=1960

Data Collected at 11.1 volts with FC 6x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.19	2.09	2,859	20.1	0.71	9.63
20%	0.46	5.15	4,425	46.7	1.65	9.07
30%	1.37	15.22	6,863	119.4	4.21	7.85
40%	2.42	26.91	8,546	180.9	6.38	6.72
50%	3.73	41.36	10,005	251.9	8.88	6.09
60%	4.95	54.99	11,044	311.2	10.97	5.66
70%	6.78	75.28	12,524	394.3	13.90	5.24
80%	9.55	106.04	13,998	490.0	17.27	4.62
90%	12.57	139.47	15,356	598.1	21.08	4.29
100%	12.92	143.43	15,479	612.3	21.58	4.27

Propeller Thrust vs Throttle Position



Cobra 2204/32 Motor Test Data, Kv=1960

Data Collected at 11.1 volts with FC 6x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.19	2.09	2,859	20.1	0.71	9.63
20%	0.46	5.15	4,425	46.7	1.65	9.07
30%	1.37	15.22	6,863	119.4	4.21	7.85
40%	2.42	26.91	8,546	180.9	6.38	6.72
50%	3.73	41.36	10,005	251.9	8.88	6.09
60%	4.95	54.99	11,044	311.2	10.97	5.66
70%	6.78	75.28	12,524	394.3	13.90	5.24
80%	9.55	106.04	13,998	490.0	17.27	4.62
90%	12.57	139.47	15,356	598.1	21.08	4.29
100%	12.92	143.43	15,479	612.3	21.58	4.27

Propeller Efficiency vs Throttle Position

