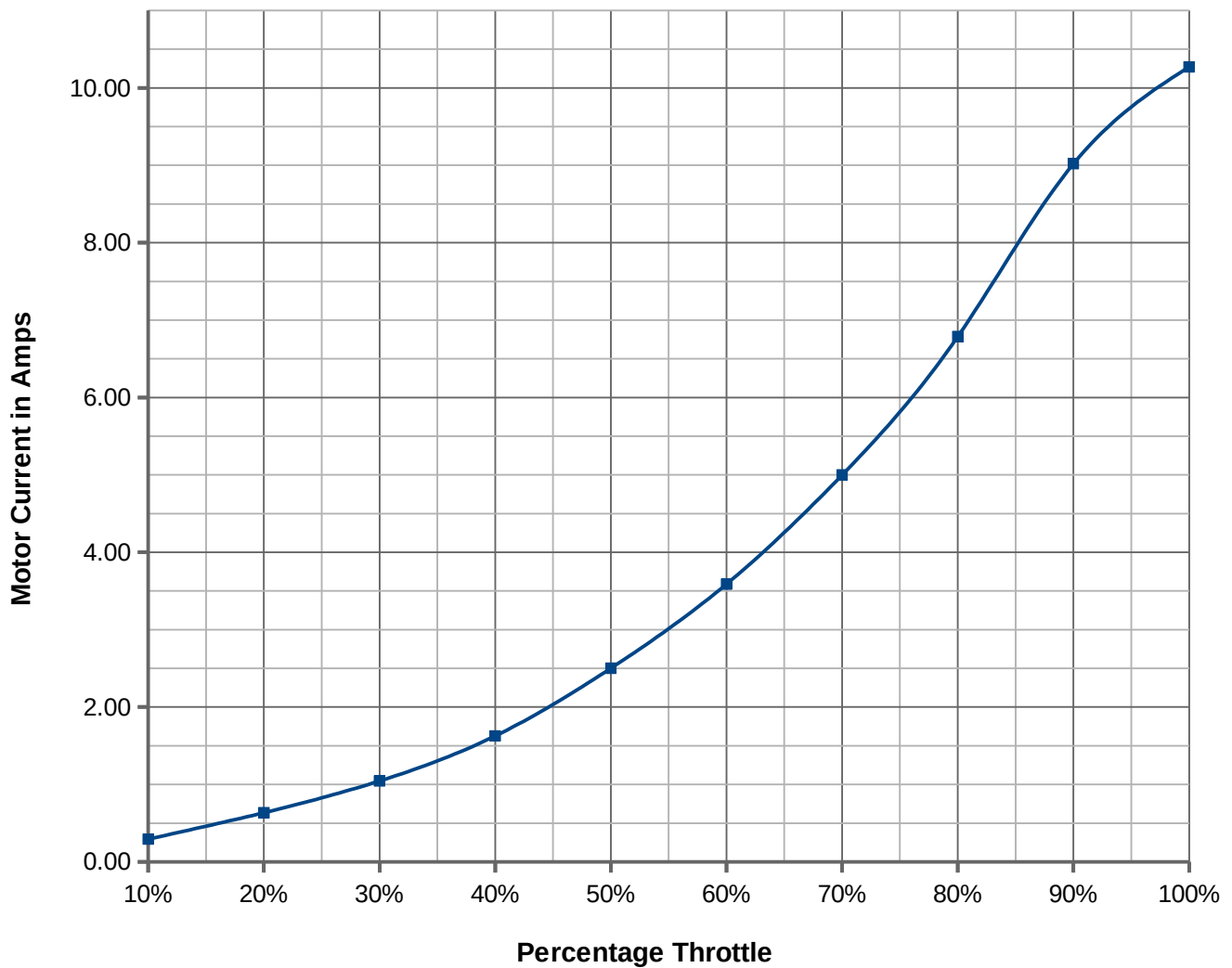


Cobra CM-2206/30 Motor Test Data, Kv=1400

Data Collected at 14.8 volts with HQ 6x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.29	4.34	3,592	29.8	1.05	6.87
20%	0.64	9.40	5,438	71.1	2.51	7.57
30%	1.05	15.47	6,825	112.3	3.96	7.26
40%	1.63	24.08	8,232	169.4	5.97	7.04
50%	2.50	37.01	9,770	241.3	8.50	6.52
60%	3.59	53.10	11,145	321.6	11.33	6.06
70%	5.00	73.97	12,613	409.8	14.44	5.54
80%	6.79	100.46	14,092	513.6	18.10	5.11
90%	9.02	133.50	15,545	623.5	21.97	4.67
100%	10.27	152.03	16,251	684.7	24.13	4.50

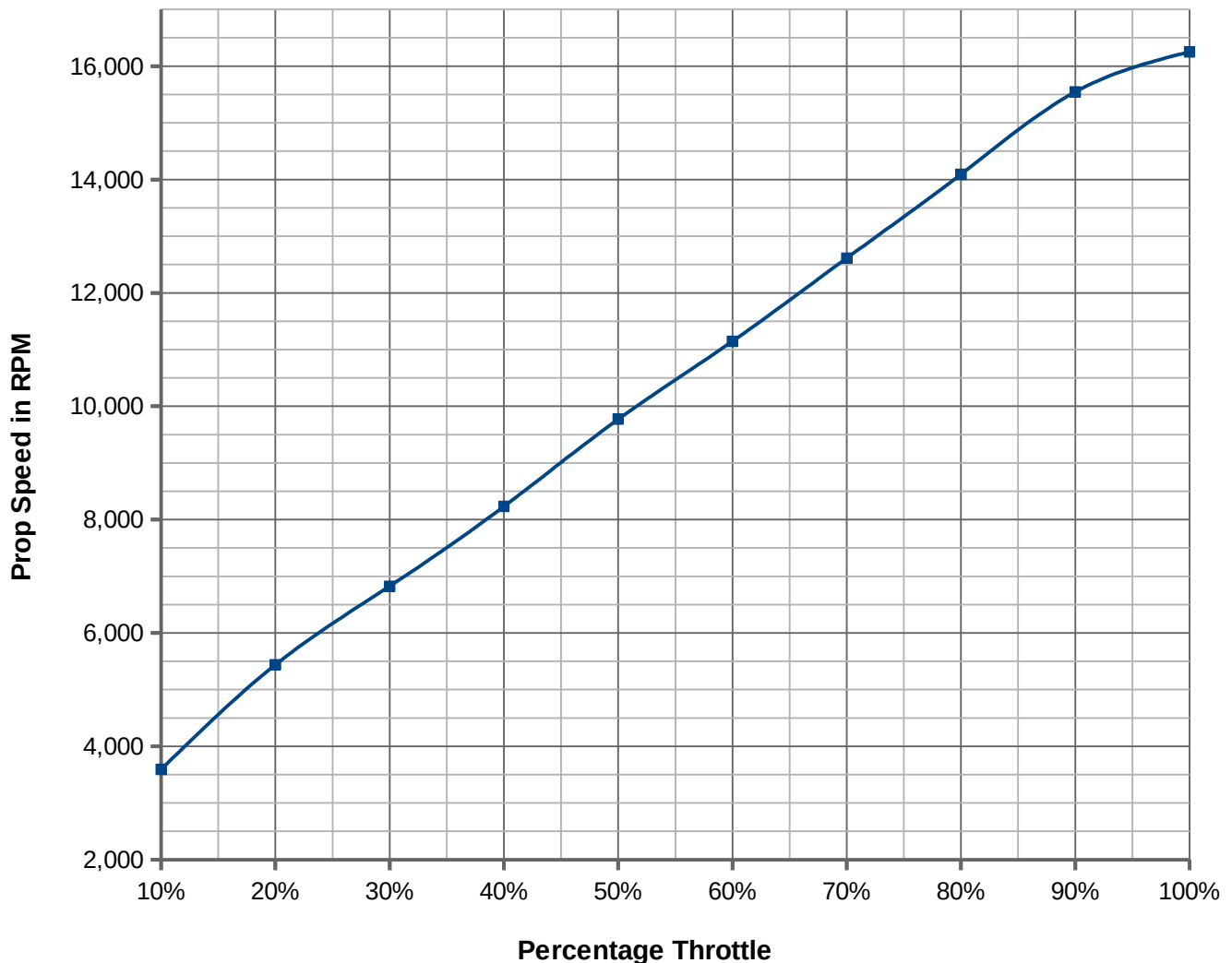
Motor Current vs Throttle Position



Cobra CM-2206/30 Motor Test Data, Kv=1400

Data Collected at 14.8 volts with HQ 6x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.29	4.34	3,592	29.8	1.05	6.87
20%	0.64	9.40	5,438	71.1	2.51	7.57
30%	1.05	15.47	6,825	112.3	3.96	7.26
40%	1.63	24.08	8,232	169.4	5.97	7.04
50%	2.50	37.01	9,770	241.3	8.50	6.52
60%	3.59	53.10	11,145	321.6	11.33	6.06
70%	5.00	73.97	12,613	409.8	14.44	5.54
80%	6.79	100.46	14,092	513.6	18.10	5.11
90%	9.02	133.50	15,545	623.5	21.97	4.67
100%	10.27	152.03	16,251	684.7	24.13	4.50

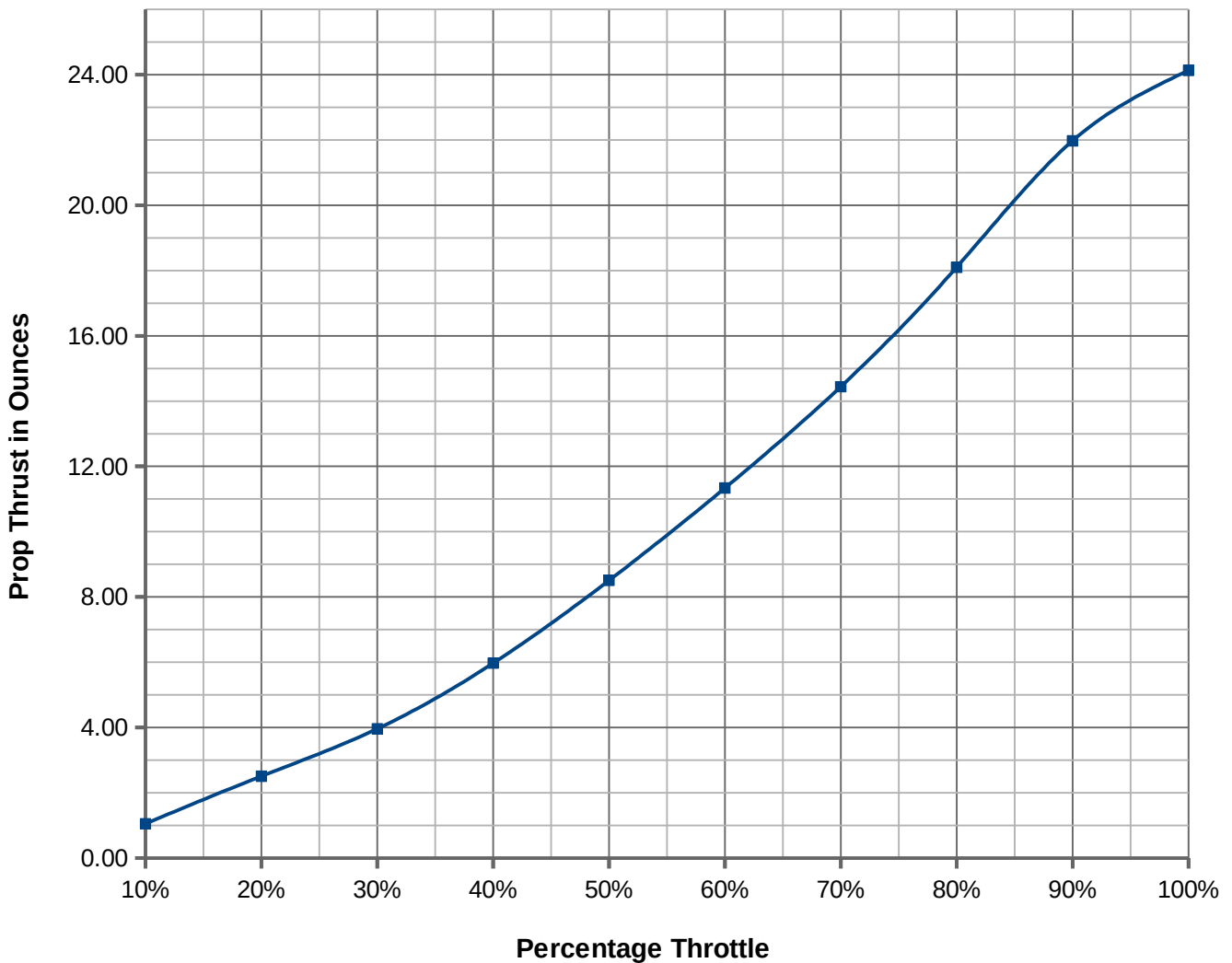
Propeller RPM vs Throttle Position



Cobra CM-2206/30 Motor Test Data, Kv=1400

Data Collected at 14.8 volts with HQ 6x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.29	4.34	3,592	29.8	1.05	6.87
20%	0.64	9.40	5,438	71.1	2.51	7.57
30%	1.05	15.47	6,825	112.3	3.96	7.26
40%	1.63	24.08	8,232	169.4	5.97	7.04
50%	2.50	37.01	9,770	241.3	8.50	6.52
60%	3.59	53.10	11,145	321.6	11.33	6.06
70%	5.00	73.97	12,613	409.8	14.44	5.54
80%	6.79	100.46	14,092	513.6	18.10	5.11
90%	9.02	133.50	15,545	623.5	21.97	4.67
100%	10.27	152.03	16,251	684.7	24.13	4.50

Propeller Thrust vs Throttle Position



Cobra CM-2206/30 Motor Test Data, Kv=1400

Data Collected at 14.8 volts with HQ 6x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.29	4.34	3,592	29.8	1.05	6.87
20%	0.64	9.40	5,438	71.1	2.51	7.57
30%	1.05	15.47	6,825	112.3	3.96	7.26
40%	1.63	24.08	8,232	169.4	5.97	7.04
50%	2.50	37.01	9,770	241.3	8.50	6.52
60%	3.59	53.10	11,145	321.6	11.33	6.06
70%	5.00	73.97	12,613	409.8	14.44	5.54
80%	6.79	100.46	14,092	513.6	18.10	5.11
90%	9.02	133.50	15,545	623.5	21.97	4.67
100%	10.27	152.03	16,251	684.7	24.13	4.50

Propeller Efficiency vs Throttle Position

