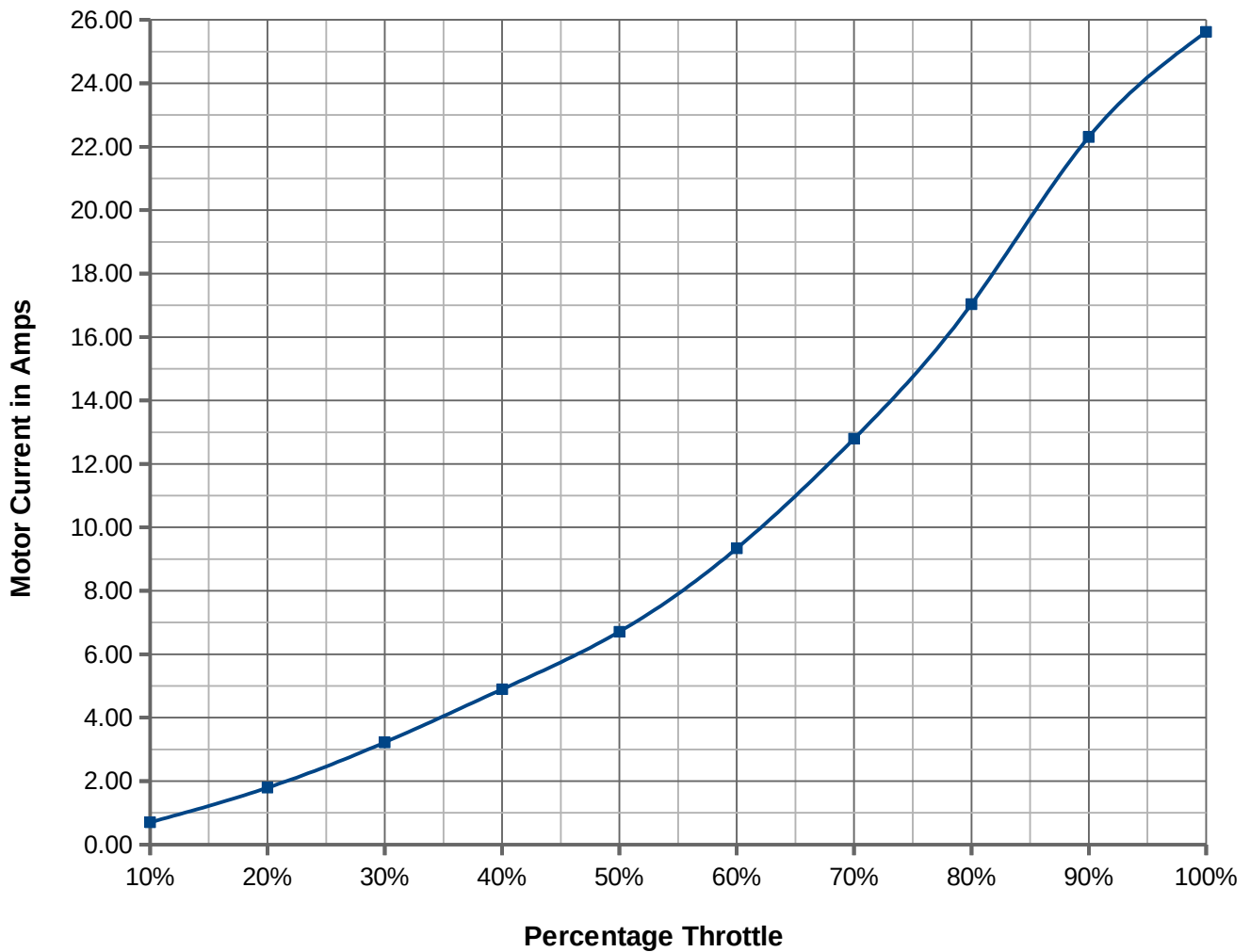


Cobra CM-2213/12 Motor Test Data, Kv=2000

Data Collected at 11.1 volts with HQ 6x4.5-BN Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.70	7.75	4,054	57.2	2.02	7.38
20%	1.79	19.88	6,259	129.1	4.55	6.49
30%	3.22	35.75	7,918	209.1	7.37	5.85
40%	4.90	54.33	9,315	296.0	10.43	5.45
50%	6.71	74.48	10,546	370.5	13.06	4.97
60%	9.34	103.64	11,907	479.6	16.90	4.63
70%	12.80	142.05	13,370	605.8	21.35	4.26
80%	17.04	189.13	14,831	743.8	26.21	3.93
90%	22.31	247.65	16,294	895.3	31.55	3.62
100%	25.62	284.43	17,803	985.2	34.72	3.46

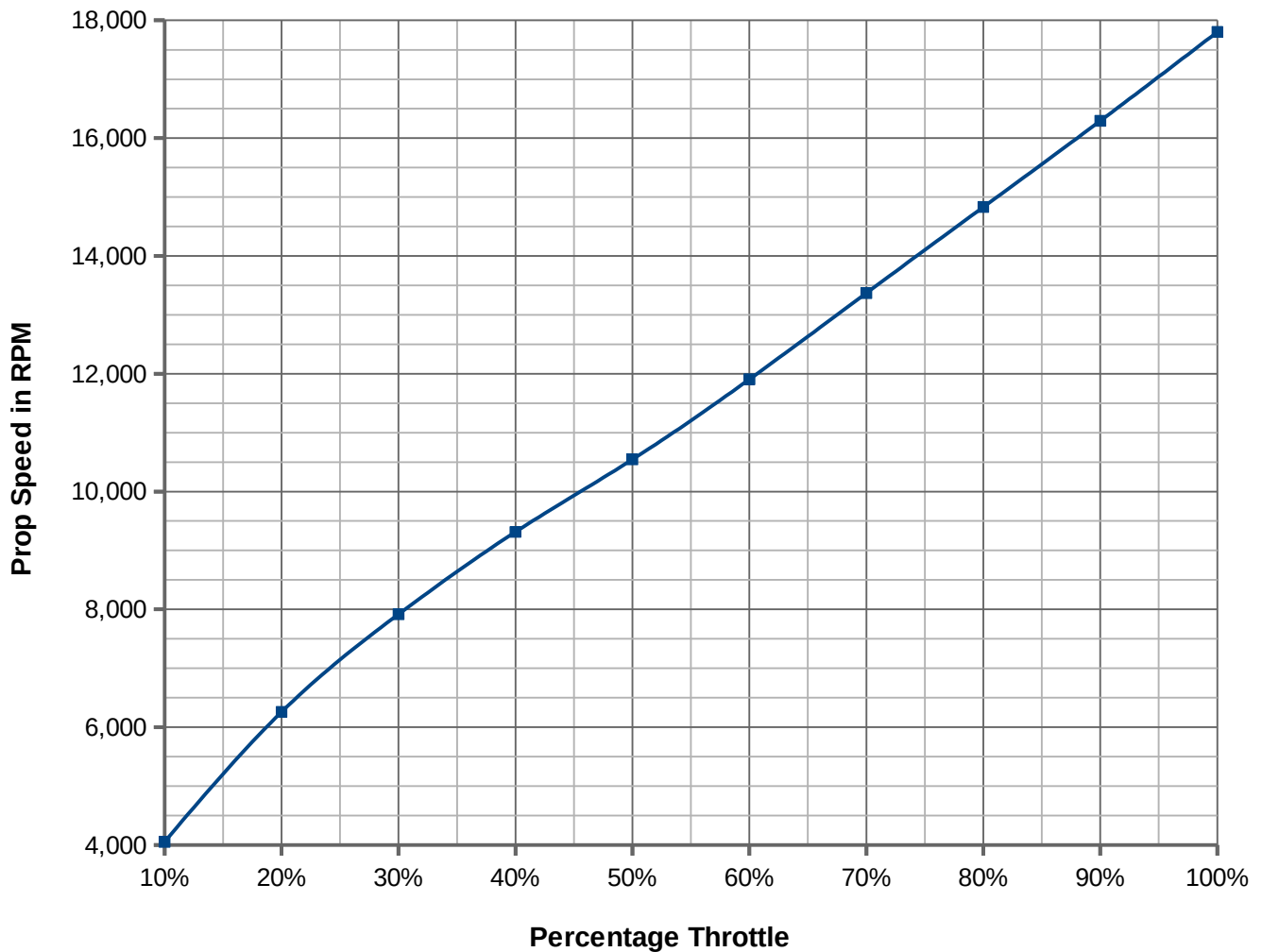
Motor Current vs Throttle Position



Cobra CM-2213/12 Motor Test Data, Kv=2000

Data Collected at 11.1 volts with HQ 6x4.5-BN Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.70	7.75	4,054	57.2	2.02	7.38
20%	1.79	19.88	6,259	129.1	4.55	6.49
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100%	25.62	284.43	17,803	985.2	34.72	3.46

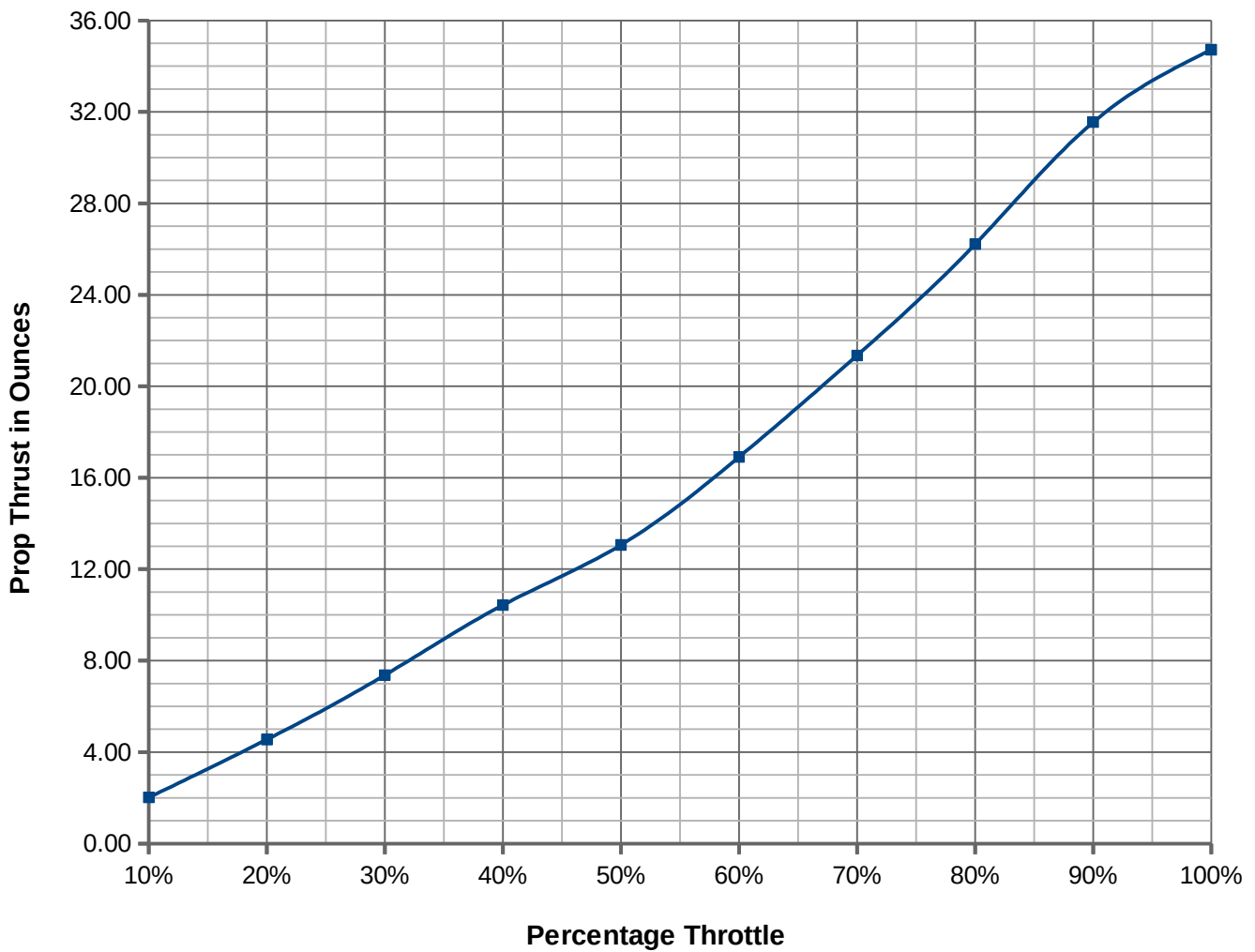
Propeller RPM vs Throttle Position



Cobra CM-2213/12 Motor Test Data, Kv=2000

Data Collected at 11.1 volts with HQ 6x4.5-BN Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.70	7.75	4,054	57.2	2.02	7.38
20%	1.79	19.88	6,259	129.1	4.55	6.49
30%	3.22	35.75	7,918	209.1	7.37	5.85
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60%	9.34	103.64	11,907	479.6	16.90	4.63
70%	12.80	142.05	13,370	605.8	21.35	4.26
80%	17.04	189.13	14,831	743.8	26.21	3.93
90%	22.31	247.65	16,294	895.3	31.55	3.62
100%	25.62	284.43	17,803	985.2	34.72	3.46

Propeller Thrust vs Throttle Position



Cobra CM-2213/12 Motor Test Data, Kv=2000

Data Collected at 11.1 volts with HQ 6x4.5-BN Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.70	7.75	4,054	57.2	2.02	7.38
20%	1.79	19.88	6,259	129.1	4.55	6.49
30%	3.22	35.75	7,918	209.1	7.37	5.85
40%	4.90	54.33	9,315	296.0	10.43	5.45
50%	6.71	74.48	10,546	370.5	13.06	4.97
60%	9.34	103.64	11,907	479.6	16.90	4.63
70%	12.80	142.05	13,370	605.8	21.35	4.26
80%	17.04	189.13	14,831	743.8	26.21	3.93
90%	22.31	247.65	16,294	895.3	31.55	3.62
100%	25.62	284.43	17,803	985.2	34.72	3.46

Propeller Efficiency vs Throttle Position

