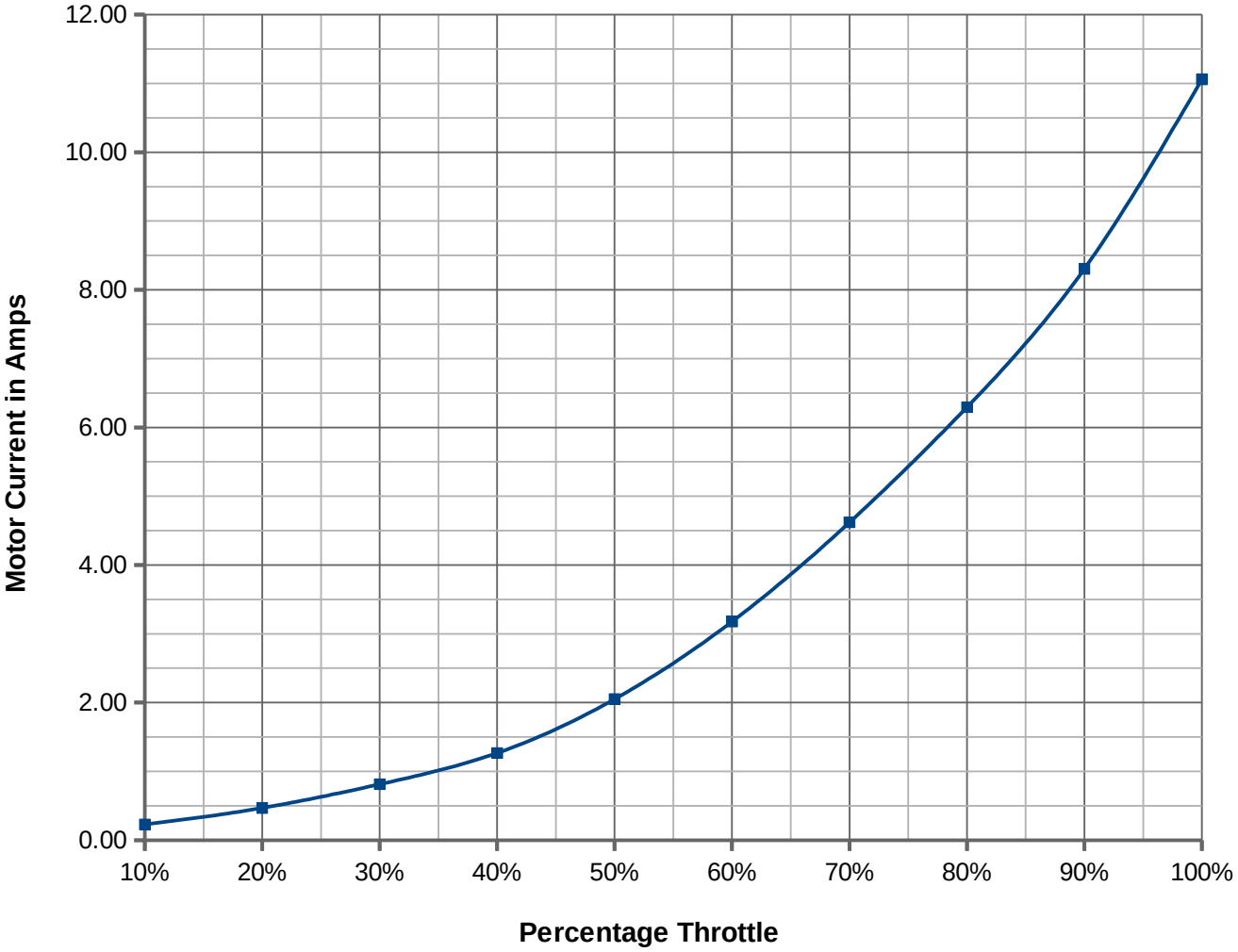
Cobra CM-1806/30 Motor Test Data, Kv=2450

Data Collected at 11.1 volts with HQ 6x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.23	2.53	3,588	20.3	0.72	8.02
20%	0.47	5.19	5,817	42.6	1.50	8.20
30%	0.81	9.02	7,606	72.8	2.57	8.07
40%	1.27	14.06	9,281	109.0	3.84	7.75
50%	2.05	22.76	11,238	164.6	5.80	7.23
60%	3.18	35.26	13,223	227.5	8.02	6.45
70%	4.62	51.27	15,068	299.9	10.57	5.85
80%	6.29	69.86	16,838	381.3	13.44	5.46
90%	8.31	92.20	18,516	457.9	16.14	4.97
100%	11.06	122.77	19,478	552.1	19.46	4.50

Motor Current vs Throttle Position



Cobra CM-1806/30 Motor Test Data, Kv=2450

Data Collected at 11.1 volts with HQ 6x3 Prop						
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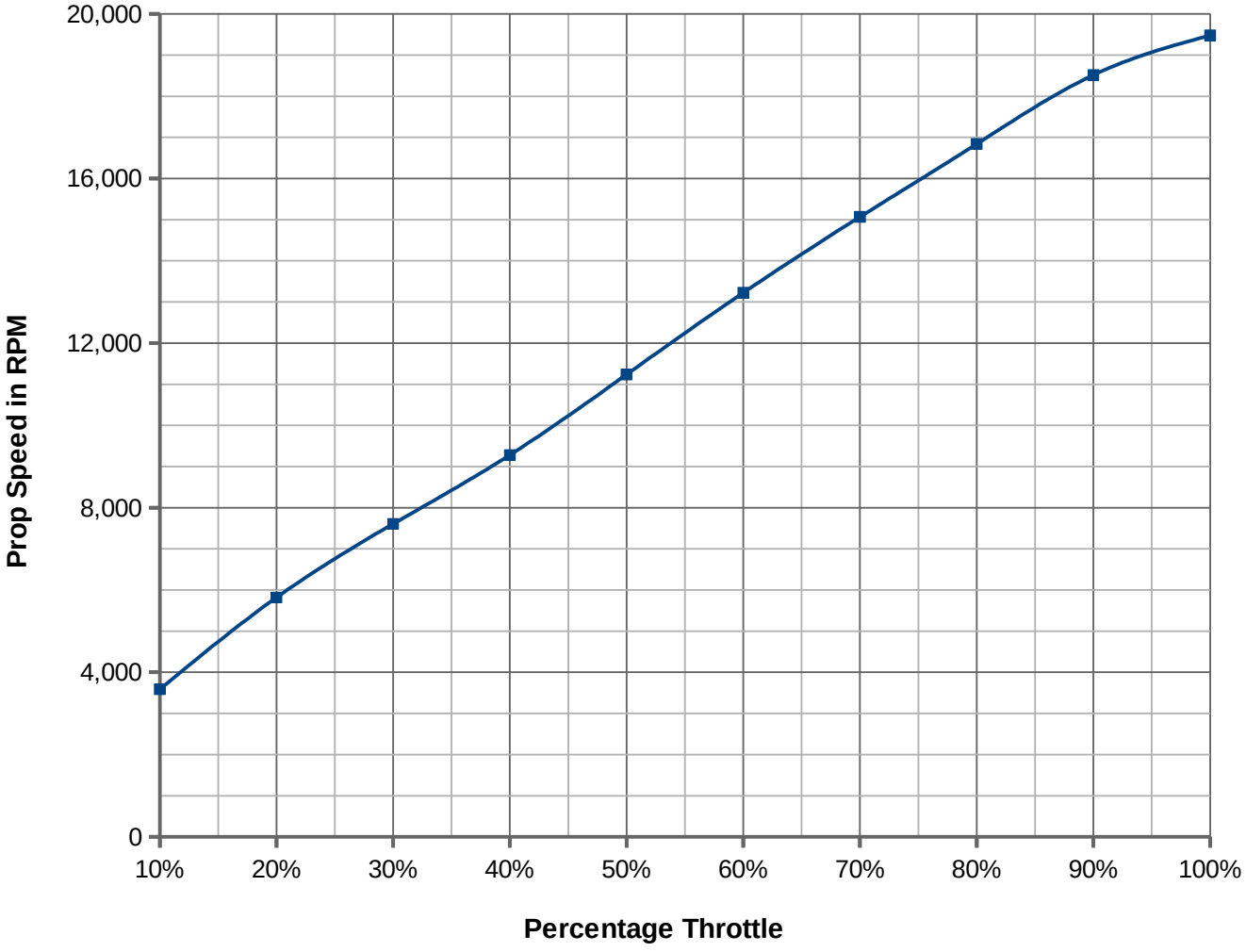
100%	11.06	122.77	19,478	552.1	19.46	4.50

Propeller RPM vs Throttle Position



Cobra CM-1806/30 Motor Test Data, Kv=2450

Data Collected at 11.1 volts with HQ 6x3 Prop						
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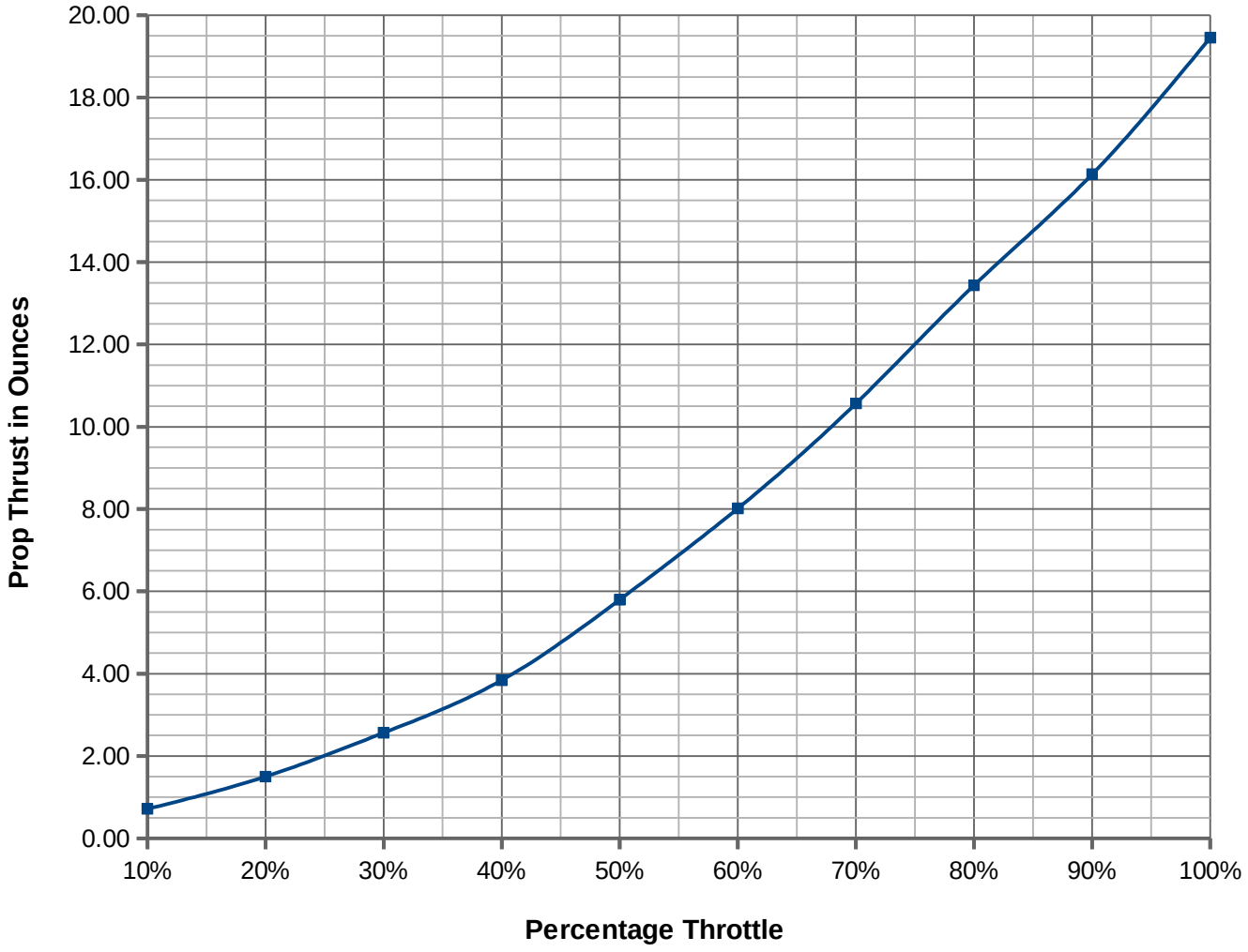
100%	11.06	122.77	19,478	552.1	19.46	4.50

Propeller Thrust vs Throttle Position



Cobra CM-1806/30 Motor Test Data, Kv=2450

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80%	6.29	69.86	16,838	381.3	13.44	5.46
90%	8.31	92.20	18,516	457.9	16.14	4.97
100%	11.06	122.77	19,478	552.1	19.46	4.50

Propeller Efficiency vs Throttle Position