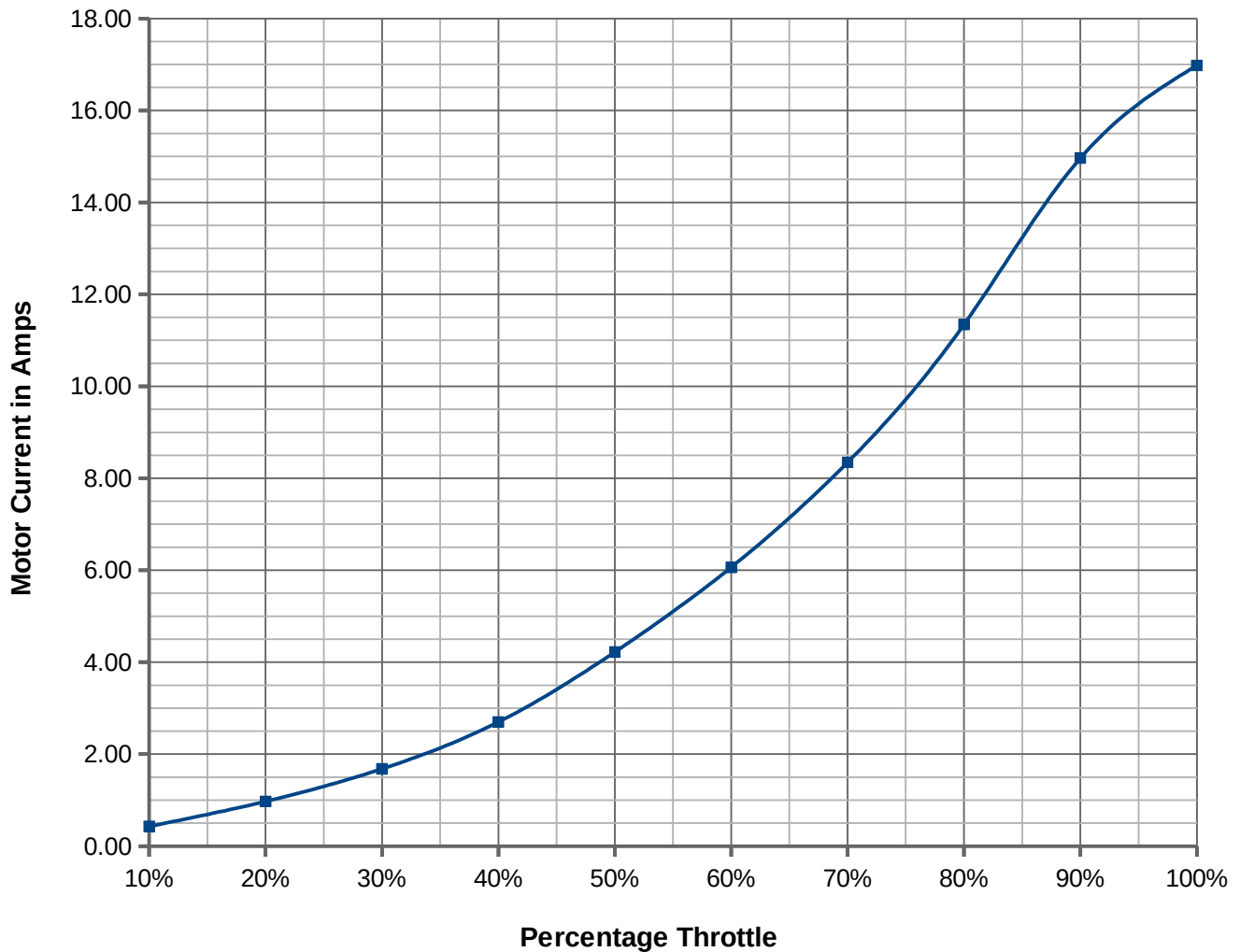


Cobra CM-2206/20 Motor Test Data, Kv=2100

Data Collected at 11.1 volts with HQ 6x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.43	4.75	3,838	33.4	1.18	7.03
20%	0.97	10.78	5,774	77.9	2.75	7.23
30%	1.68	18.65	7,279	130.9	4.61	7.02
40%	2.70	29.96	8,809	192.8	6.79	6.44
50%	4.22	46.83	10,489	278.4	9.81	5.94
60%	6.06	67.30	11,981	365.1	12.87	5.43
70%	8.35	92.63	13,417	457.3	16.12	4.94
80%	11.34	125.92	15,021	577.8	20.36	4.59
90%	14.97	166.11	16,509	694.6	24.48	4.18
100%	16.98	188.47	17,233	762.1	26.86	4.04

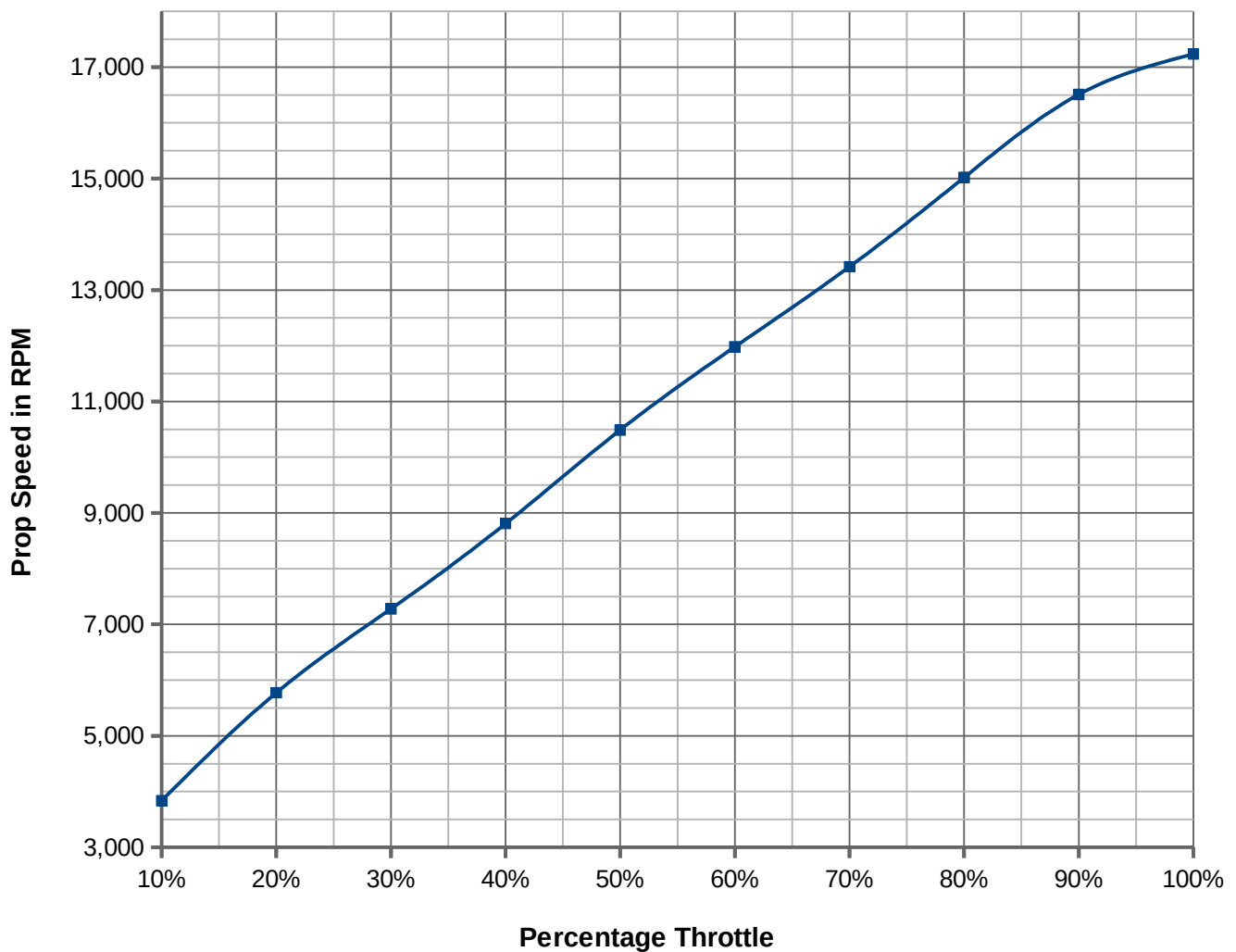
Motor Current vs Throttle Position



Cobra CM-2206/20 Motor Test Data, Kv=2100

Data Collected at 11.1 volts with HQ 6x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.43	4.75	3,838	33.4	1.18	7.03
20%	0.97	10.78	5,774	77.9	2.75	7.23
30%	1.68	18.65	7,279	130.9	4.61	7.02
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70%	8.35	92.63	13,417	457.3	16.12	4.94
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90%	14.97	166.11	16,509	694.6	24.48	4.18
100%	16.98	188.47	17,233	762.1	26.86	4.04

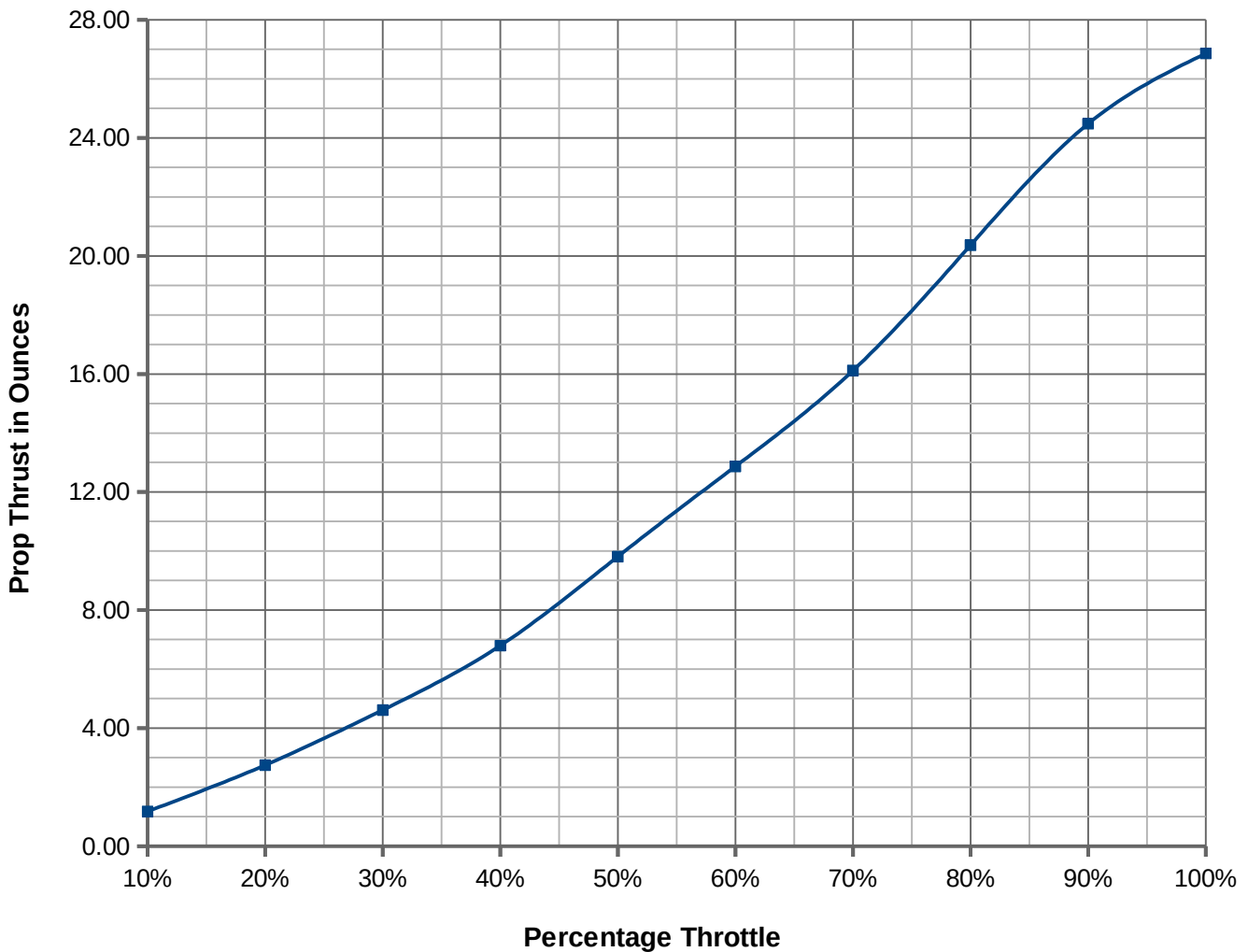
Propeller RPM vs Throttle Position



Cobra CM-2206/20 Motor Test Data, Kv=2100

Data Collected at 11.1 volts with HQ 6x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.43	4.75	3,838	33.4	1.18	7.03
20%	0.97	10.78	5,774	77.9	2.75	7.23
30%	1.68	18.65	7,279	130.9	4.61	7.02
40%	2.70	29.96	8,809	192.8	6.79	6.44
50%	4.22	46.83	10,489	278.4	9.81	5.94
60%	6.06	67.30	11,981	365.1	12.87	5.43
70%	8.35	92.63	13,417	457.3	16.12	4.94
80%	11.34	125.92	15,021	577.8	20.36	4.59
90%	14.97	166.11	16,509	694.6	24.48	4.18
100%	16.98	188.47	17,233	762.1	26.86	4.04

Propeller Thrust vs Throttle Position



Cobra CM-2206/20 Motor Test Data, Kv=2100

Data Collected at 11.1 volts with HQ 6x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.43	4.75	3,838	33.4	1.18	7.03
20%	0.97	10.78	5,774	77.9	2.75	7.23
30%	1.68	18.65	7,279	130.9	4.61	7.02
40%	2.70	29.96	8,809	192.8	6.79	6.44
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70%	8.35	92.63	13,417	457.3	16.12	4.94
80%	11.34	125.92	15,021	577.8	20.36	4.59
90%	14.97	166.11	16,509	694.6	24.48	4.18
100%	16.98	188.47	17,233	762.1	26.86	4.04

Propeller Efficiency vs Throttle Position

