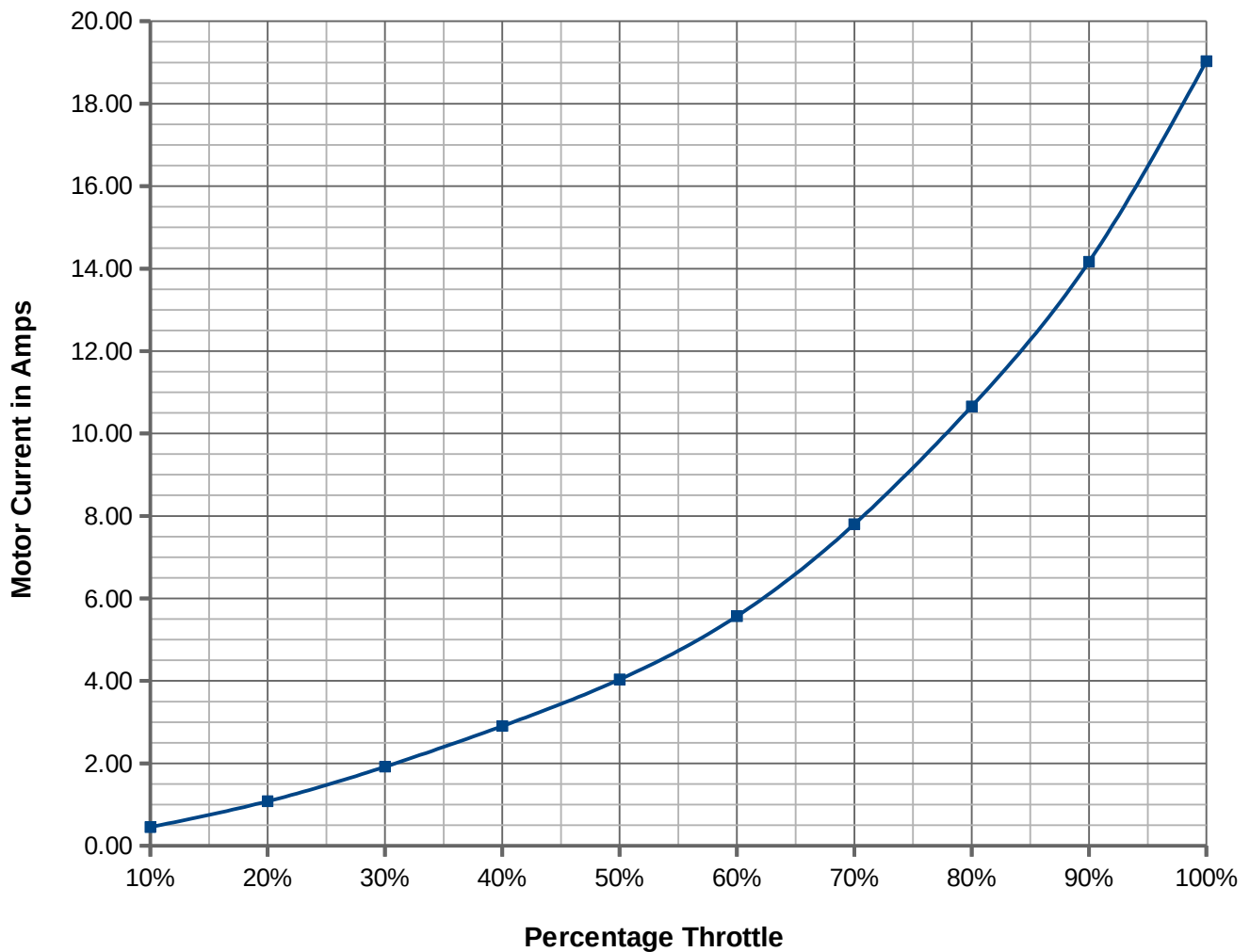


Cobra CM-2204-22 Motor Test Data, Kv=2850

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%	0.45	5.04	5,197	30.5	1.07	6.05
20%	1.08	12.00	8,141	79.4	2.80	6.62
30%	1.92	21.30	10,482	133.0	4.69	6.24
40%	2.91	32.26	12,340	188.9	6.66	5.86
50%	4.04	44.80	13,980	245.7	8.66	5.48
60%	5.57	61.84	15,957	323.7	11.41	5.23
70%	7.80	86.59	18,100	423.1	14.91	4.89
80%	10.66	118.33	20,271	533.1	18.79	4.51
90%	14.17	157.28	22,270	654.1	23.05	4.16
100%	19.03	211.26	24,591	802.0	28.26	3.80

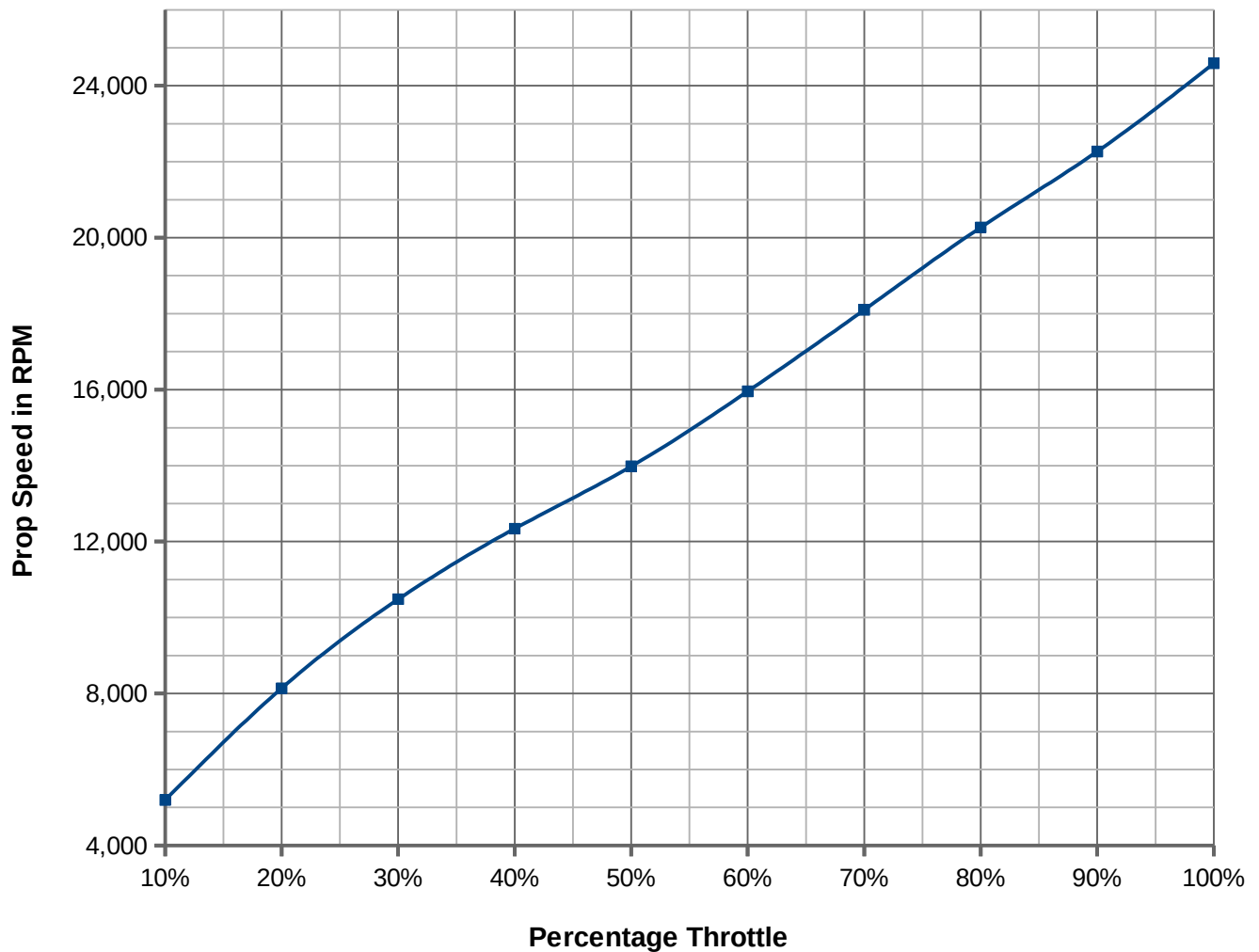
Motor Current vs Throttle Position



Cobra CM-2204-22 Motor Test Data, Kv=2850

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%	0.45	5.04	5,197	30.5	1.07	6.05
20%	1.08	12.00	8,141	79.4	2.80	6.62
30%	1.92	21.30	10,482	133.0	4.69	6.24
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50%	4.04	44.80	13,980	245.7	8.66	5.48
60%	5.57	61.84	15,957	323.7	11.41	5.23
70%	7.80	86.59	18,100	423.1	14.91	4.89
80%	10.66	118.33	20,271	533.1	18.79	4.51
90%	14.17	157.28	22,270	654.1	23.05	4.16
100%	19.03	211.26	24,591	802.0	28.26	3.80

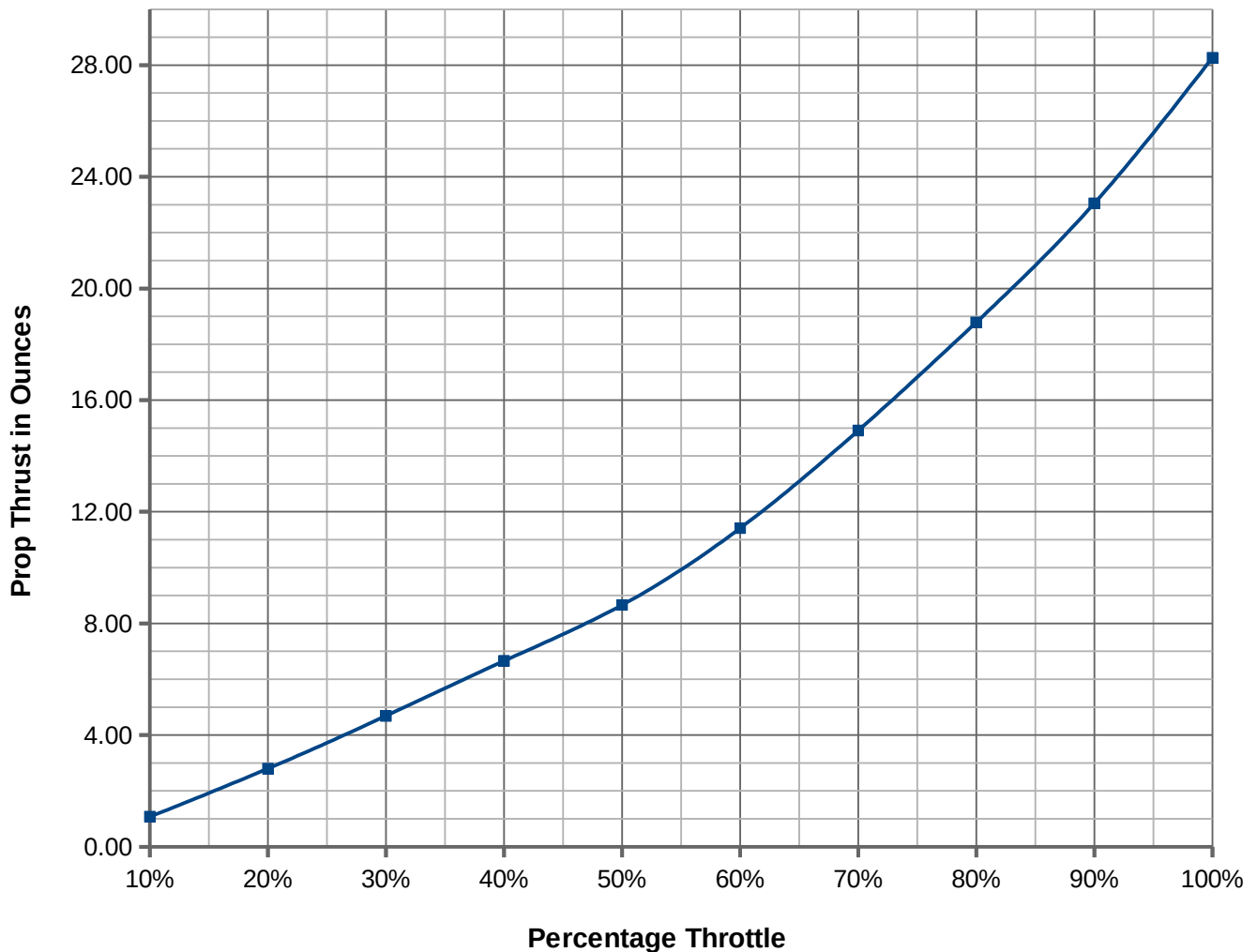
Propeller RPM vs Throttle Position



Cobra CM-2204-22 Motor Test Data, Kv=2850

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%	0.45	5.04	5,197	30.5	1.07	6.05
20%	1.08	12.00	8,141	79.4	2.80	6.62
30%	1.92	21.30	10,482	133.0	4.69	6.24
40%	2.91	32.26	12,340	188.9	6.66	5.86
50%	4.04	44.80	13,980	245.7	8.66	5.48
60%	5.57	61.84	15,957	323.7	11.41	5.23
70%	7.80	86.59	18,100	423.1	14.91	4.89
80%	10.66	118.33	20,271	533.1	18.79	4.51
90%	14.17	157.28	22,270	654.1	23.05	4.16
100%	19.03	211.26	24,591	802.0	28.26	3.80

Propeller Thrust vs Throttle Position



Cobra CM-2204-22 Motor Test Data, Kv=2850

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%	0.45	5.04	5,197	30.5	1.07	6.05
20%	1.08	12.00	8,141	79.4	2.80	6.62
30%	1.92	21.30	10,482	133.0	4.69	6.24
40%	2.91	32.26	12,340	188.9	6.66	5.86
50%	4.04	44.80	13,980	245.7	8.66	5.48
60%	5.57	61.84	15,957	323.7	11.41	5.23
70%	7.80	86.59	18,100	423.1	14.91	4.89
80%	10.66	118.33	20,271	533.1	18.79	4.51
90%	14.17	157.28	22,270	654.1	23.05	4.16
100%	19.03	211.26	24,591	802.0	28.26	3.80

Propeller Efficiency vs Throttle Position

