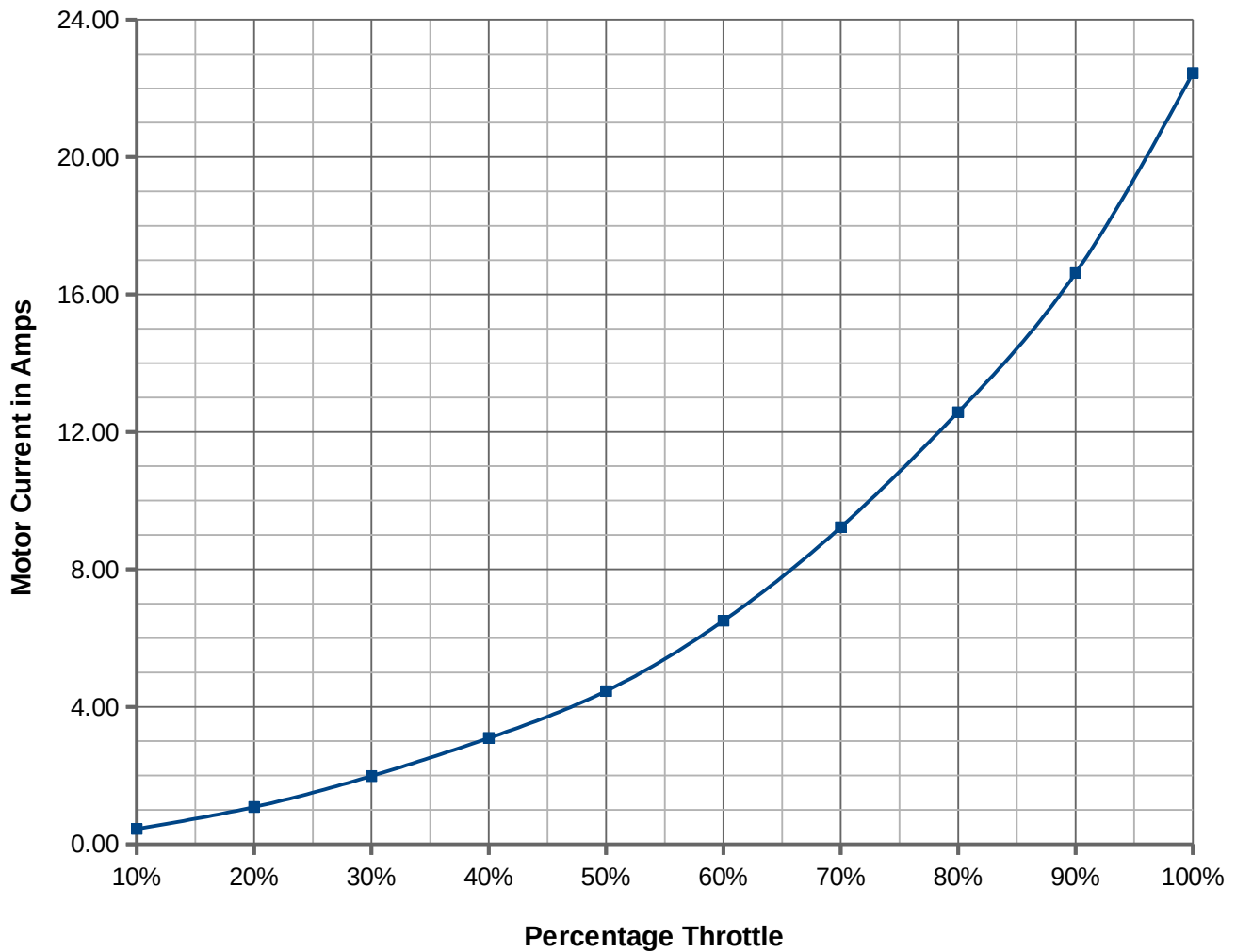


Cobra CM-2206-17 Motor Test Data, Kv=2400

Data Collected at 11.1 volts with HQ 5x4.5-BN Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.44	4.93	3,922	26.4	0.93	5.36
20%	1.08	12.02	6,319	69.3	2.44	5.76
30%	1.98	22.02	8,245	121.2	4.28	5.50
40%	3.09	34.31	9,925	175.6	6.19	5.12
50%	4.46	49.47	11,428	237.4	8.37	4.80
60%	6.50	72.19	13,171	313.0	11.04	4.34
70%	9.23	102.42	15,007	416.0	14.67	4.06
80%	12.58	139.60	16,814	523.5	18.47	3.75
90%	16.62	184.53	18,602	636.8	22.46	3.45
100%	22.45	249.16	20,661	786.3	27.74	3.16

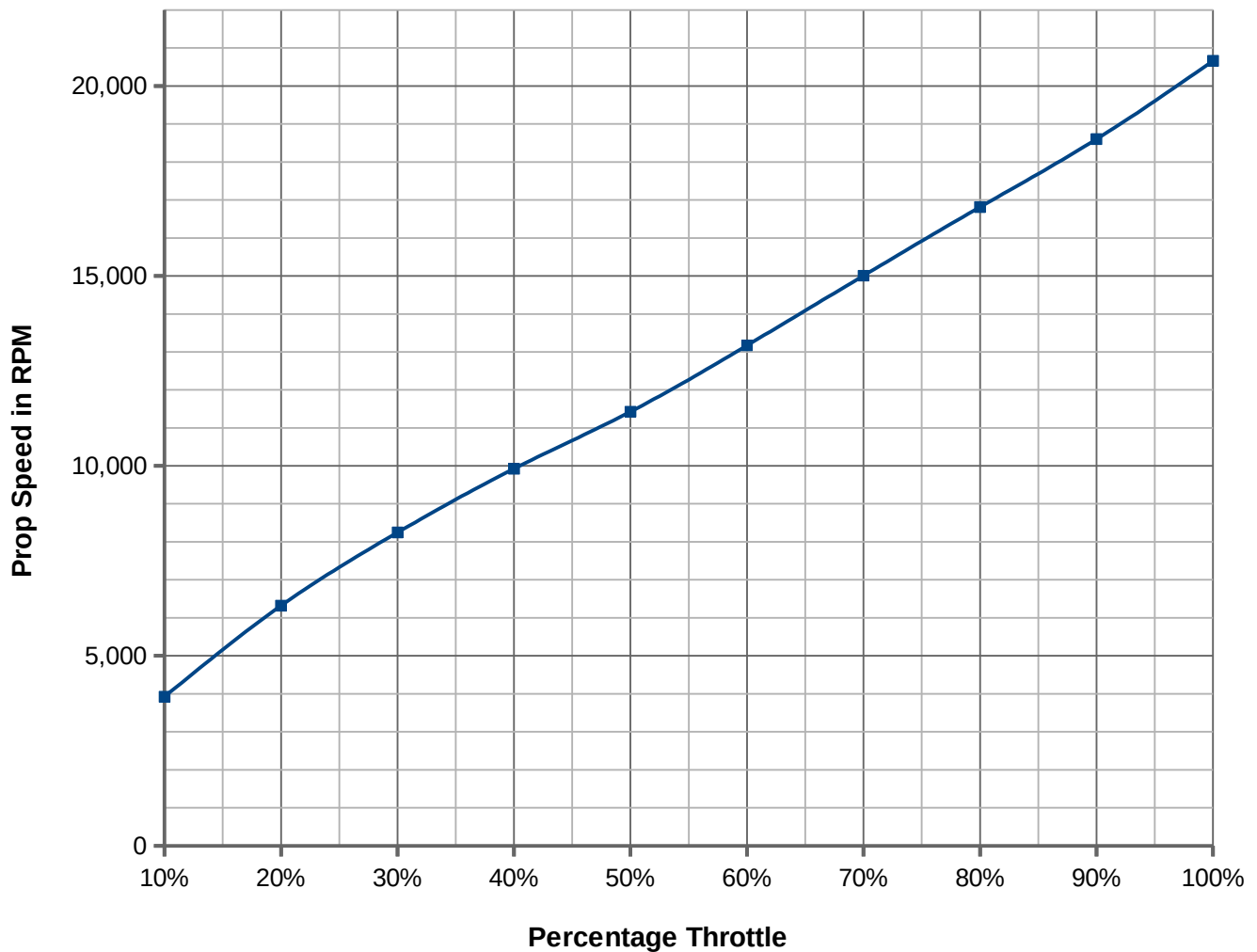
Motor Current vs Throttle Position



Cobra CM-2206-17 Motor Test Data, Kv=2400

Data Collected at 11.1 volts with HQ 5x4.5-BN Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.44	4.93	3,922	26.4	0.93	5.36
20%	1.08	12.02	6,319	69.3	2.44	5.76
30%	1.98	22.02	8,245	121.2	4.28	5.50
40%	3.09	34.31	9,925	175.6	6.19	5.12
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90%	16.62	184.53	18,602	636.8	22.46	3.45
100%	22.45	249.16	20,661	786.3	27.74	3.16

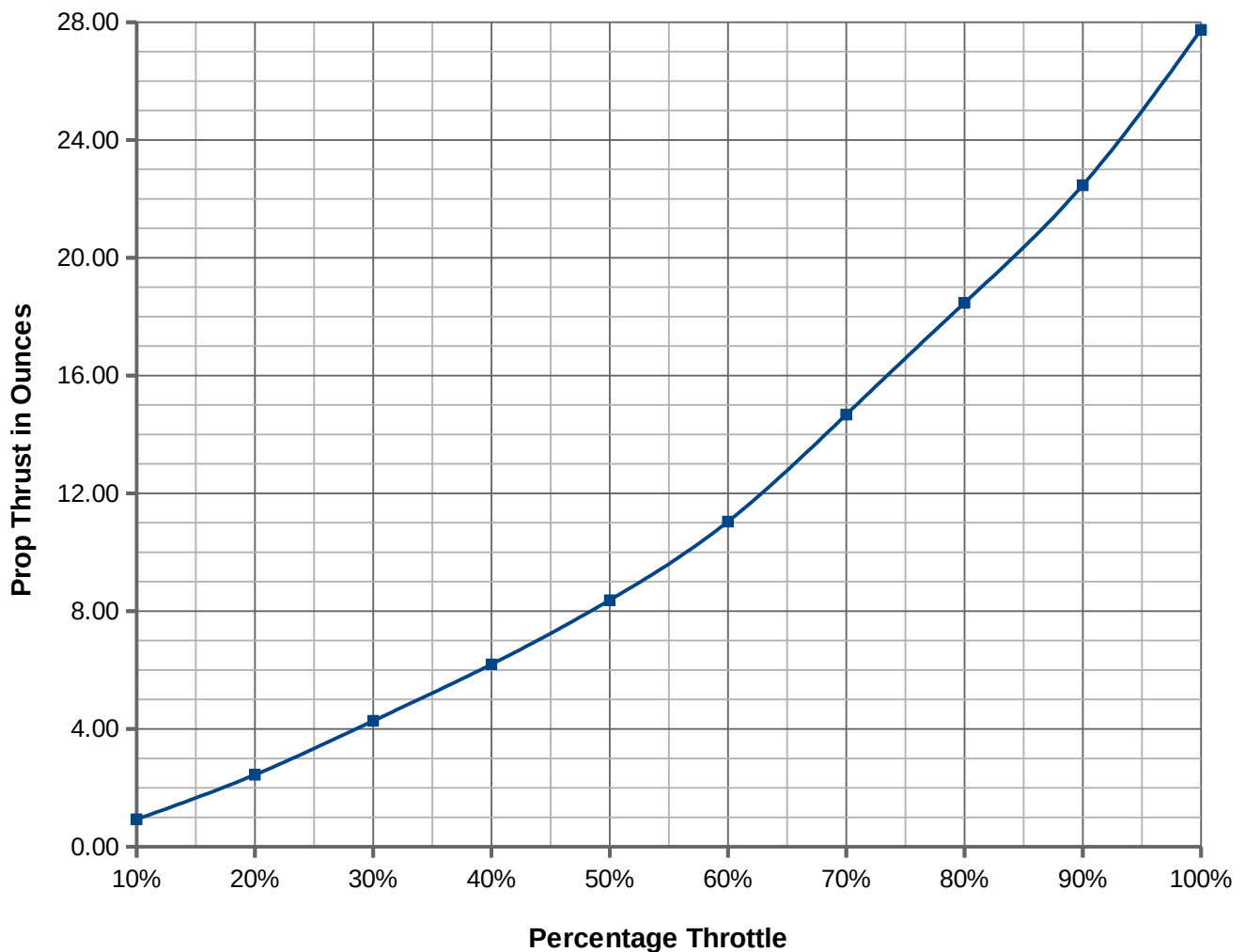
Propeller RPM vs Throttle Position



Cobra CM-2206-17 Motor Test Data, Kv=2400

Data Collected at 11.1 volts with HQ 5x4.5-BN Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.44	4.93	3,922	26.4	0.93	5.36
20%	1.08	12.02	6,319	69.3	2.44	5.76
30%	1.98	22.02	8,245	121.2	4.28	5.50
40%	3.09	34.31	9,925	175.6	6.19	5.12
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60%	6.50	72.19	13,171	313.0	11.04	4.34
70%	9.23	102.42	15,007	416.0	14.67	4.06
80%	12.58	139.60	16,814	523.5	18.47	3.75
90%	16.62	184.53	18,602	636.8	22.46	3.45
100%	22.45	249.16	20,661	786.3	27.74	3.16

Propeller Thrust vs Throttle Position



Cobra CM-2206-17 Motor Test Data, Kv=2400

Data Collected at 11.1 volts with HQ 5x4.5-BN Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.44	4.93	3,922	26.4	0.93	5.36
20%	1.08	12.02	6,319	69.3	2.44	5.76
30%	1.98	22.02	8,245	121.2	4.28	5.50
40%	3.09	34.31	9,925	175.6	6.19	5.12
50%	4.46	49.47	11,428	237.4	8.37	4.80
60%	6.50	72.19	13,171	313.0	11.04	4.34
70%	9.23	102.42	15,007	416.0	14.67	4.06
80%	12.58	139.60	16,814	523.5	18.47	3.75
90%	16.62	184.53	18,602	636.8	22.46	3.45
100%	22.45	249.16	20,661	786.3	27.74	3.16

Propeller Efficiency vs Throttle Position

