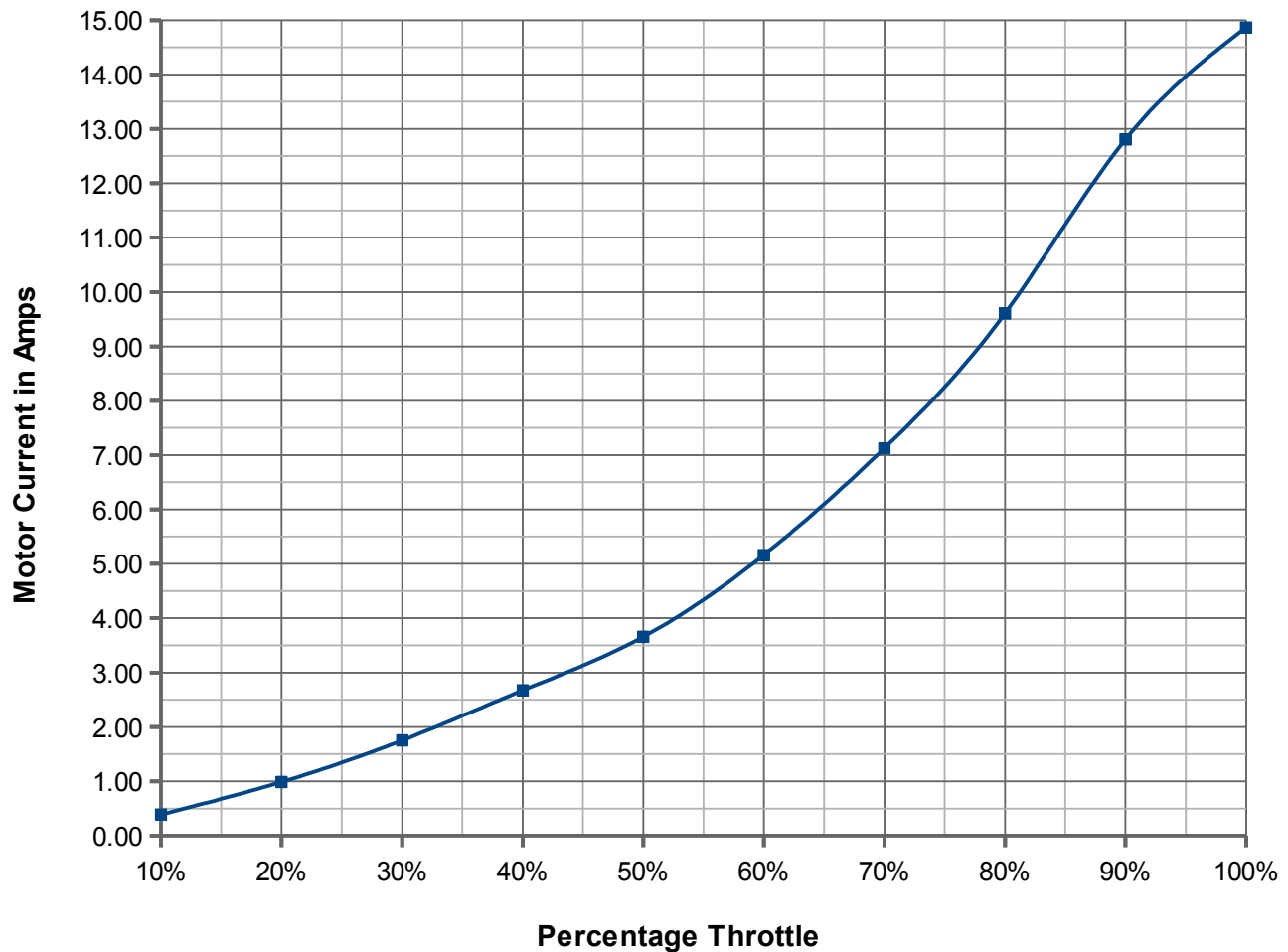


Cobra CM-2208/20 Motor Test Data, Kv=2000

Data Collected at 11.1 volts with APC 6x4 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.39	4.30	4,004	32.5	1.15	7.57
20%	0.99	10.97	6,215	73.6	2.59	6.71
30%	1.75	19.45	7,846	121.1	4.27	6.23
40%	2.67	29.66	9,282	167.1	5.89	5.63
50%	3.66	40.59	10,438	217.7	7.67	5.36
60%	5.16	57.30	11,879	290.9	10.25	5.08
70%	7.13	79.09	13,354	370.1	13.04	4.68
80%	9.61	106.63	14,807	464.2	16.36	4.35
90%	12.81	142.16	16,215	569.4	20.07	4.01
100%	14.87	165.01	17,003	629.9	22.20	3.82

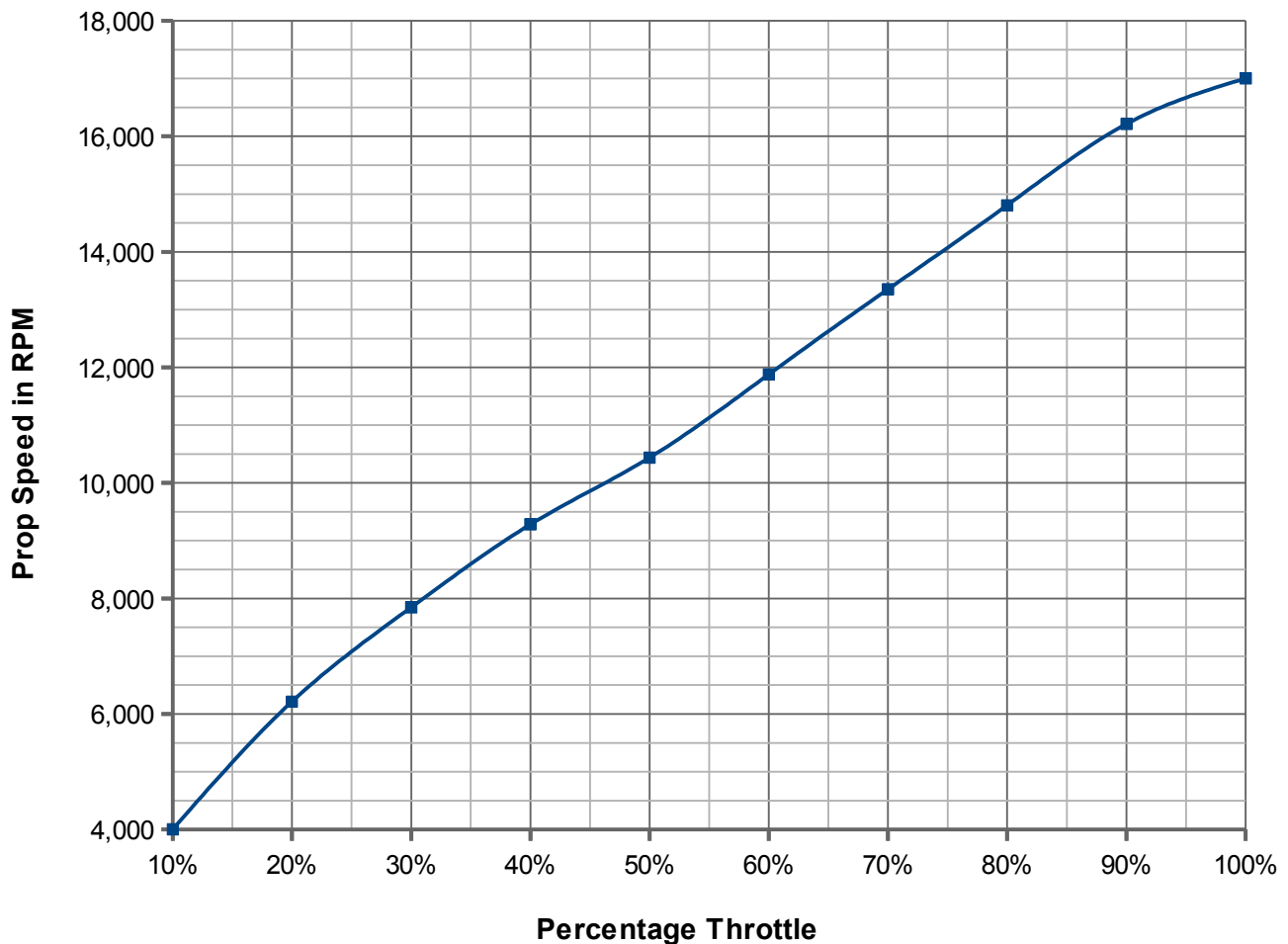
Motor Current vs Throttle Position



Cobra CM-2208/20 Motor Test Data, Kv=2000

Data Collected at 11.1 volts with APC 6x4 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.39	4.30	4,004	32.5	1.15	7.57
20%	0.99	10.97	6,215	73.6	2.59	6.71
30%	1.75	19.45	7,846	121.1	4.27	6.23
40%	2.67	29.66	9,282	167.1	5.89	5.63
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60%	5.16	57.30	11,879	290.9	10.25	5.08
70%	7.13	79.09	13,354	370.1	13.04	4.68
80%	9.61	106.63	14,807	464.2	16.36	4.35
90%	12.81	142.16	16,215	569.4	20.07	4.01
100%	14.87	165.01	17,003	629.9	22.20	3.82

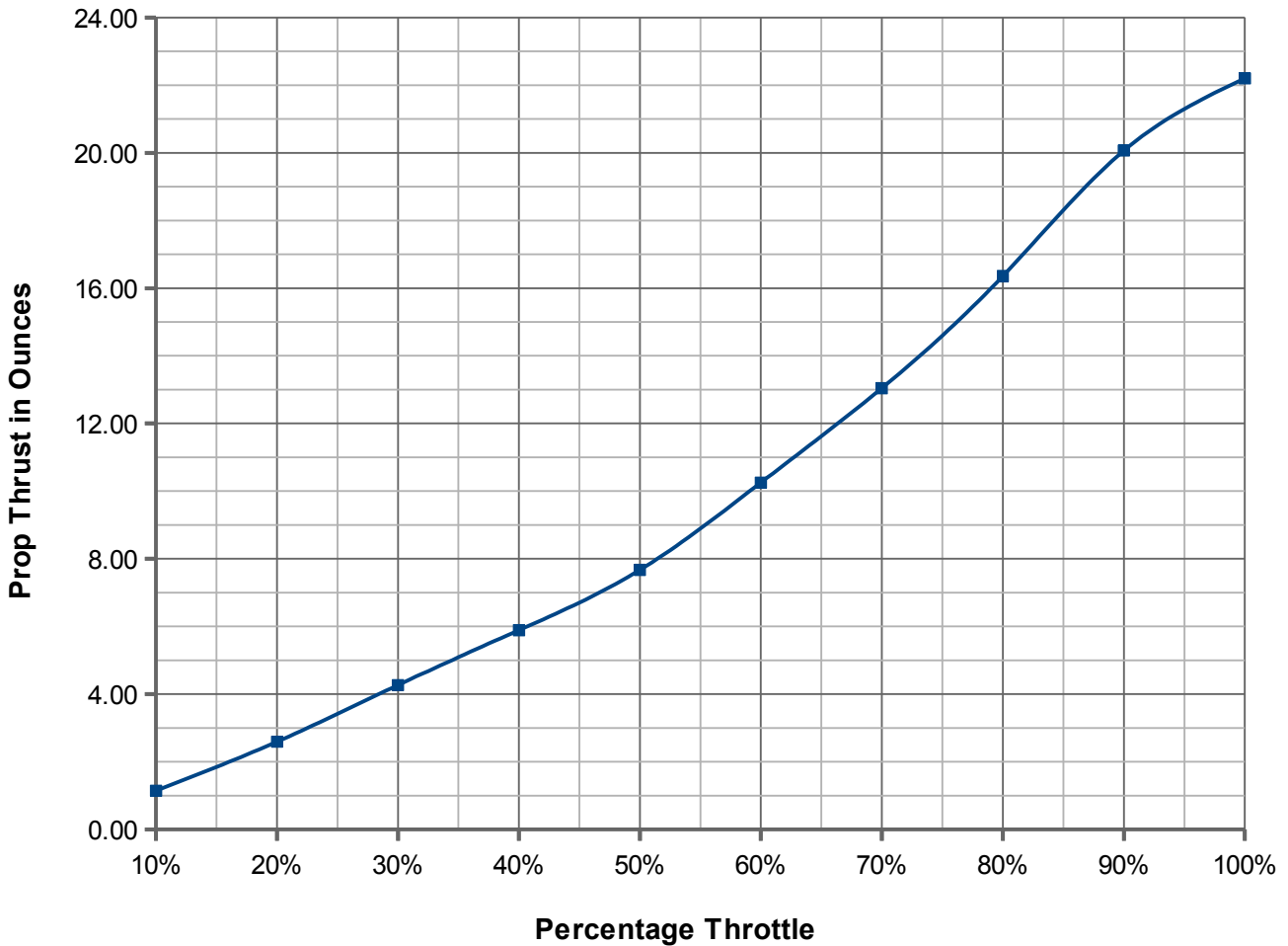
Propeller RPM vs Throttle Position



Cobra CM-2208/20 Motor Test Data, Kv=2000

Data Collected at 11.1 volts with APC 6x4 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.39	4.30	4,004	32.5	1.15	7.57
20%	0.99	10.97	6,215	73.6	2.59	6.71
30%	1.75	19.45	7,846	121.1	4.27	6.23
40%	2.67	29.66	9,282	167.1	5.89	5.63
50%	3.66	40.59	10,438	217.7	7.67	5.36
60%	5.16	57.30	11,879	290.9	10.25	5.08
70%	7.13	79.09	13,354	370.1	13.04	4.68
80%	9.61	106.63	14,807	464.2	16.36	4.35
90%	12.81	142.16	16,215	569.4	20.07	4.01
100%	14.87	165.01	17,003	629.9	22.20	3.82

Propeller Thrust vs Throttle Position



Cobra CM-2208/20 Motor Test Data, Kv=2000

Data Collected at 11.1 volts with APC 6x4 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.39	4.30	4,004	32.5	1.15	7.57
20%	0.99	10.97	6,215	73.6	2.59	6.71
30%	1.75	19.45	7,846	121.1	4.27	6.23
40%	2.67	29.66	9,282	167.1	5.89	5.63
50%	3.66	40.59	10,438	217.7	7.67	5.36
60%	5.16	57.30	11,879	290.9	10.25	5.08
70%	7.13	79.09	13,354	370.1	13.04	4.68
80%	9.61	106.63	14,807	464.2	16.36	4.35
90%	12.81	142.16	16,215	569.4	20.07	4.01
100%	14.87	165.01	17,003	629.9	22.20	3.82

Propeller Efficiency vs Throttle Position

