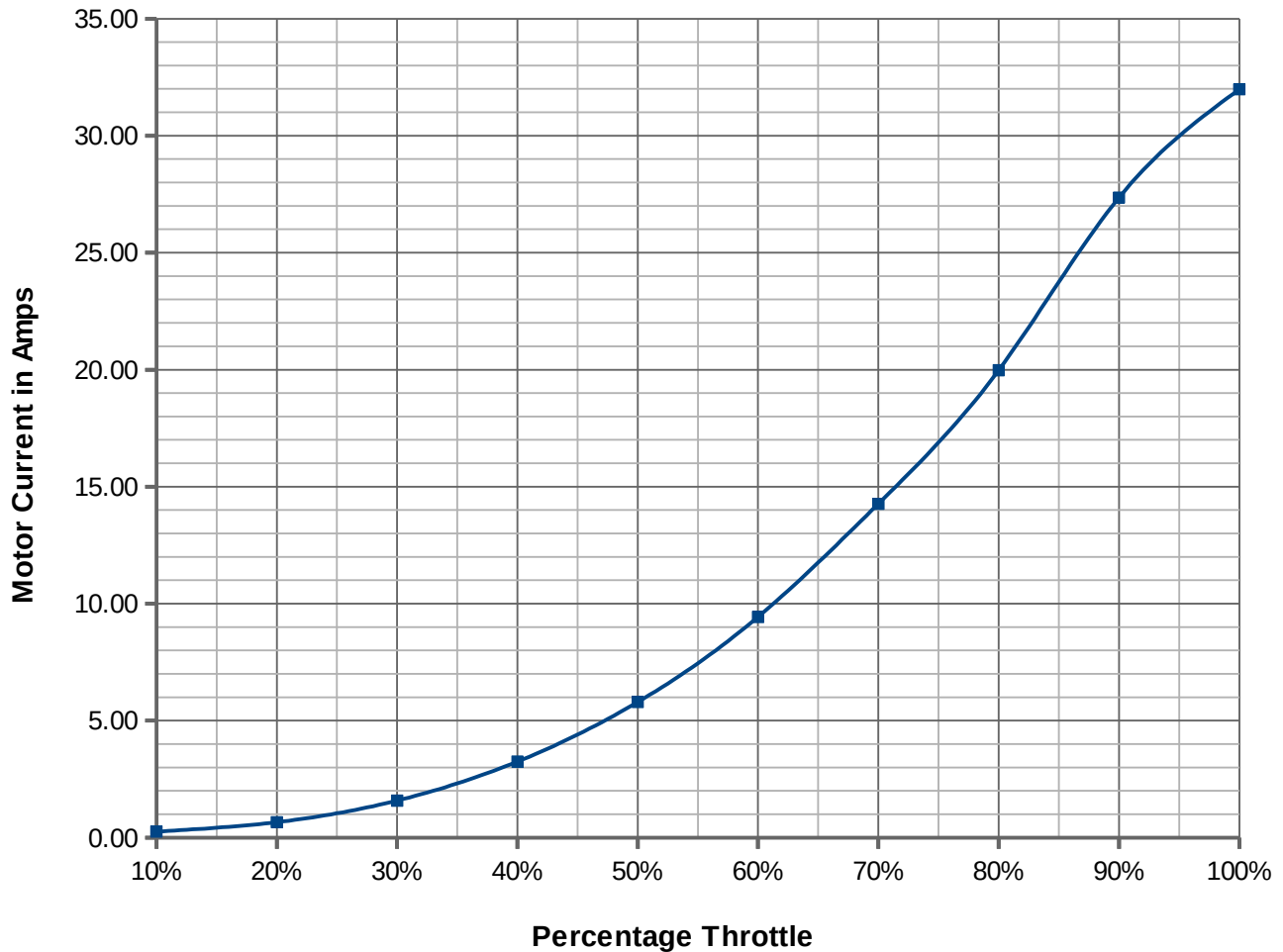


Cobra CM-4515-24 Motor Test Data, Kv=325

Data Collected at 22.2 volts with RC-Timer 17x5.5 CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.26	5.75	918	82.6	2.91	14.37
20%	0.66	14.67	1,457	215.1	7.58	14.66
30%	1.59	35.19	2,064	453.6	15.99	12.89
40%	3.25	72.17	2,670	781.4	27.54	10.83
50%	5.79	128.63	3,228	1187.6	41.85	9.23
60%	9.43	209.41	3,765	1648.5	58.10	7.87
70%	14.27	316.71	4,268	2173.8	76.61	6.86
80%	19.98	443.51	4,713	2677.4	94.36	6.04
90%	27.36	607.37	5,131	3252.8	114.64	5.36
100%	31.98	710.04	5,375	3557.2	125.36	5.01

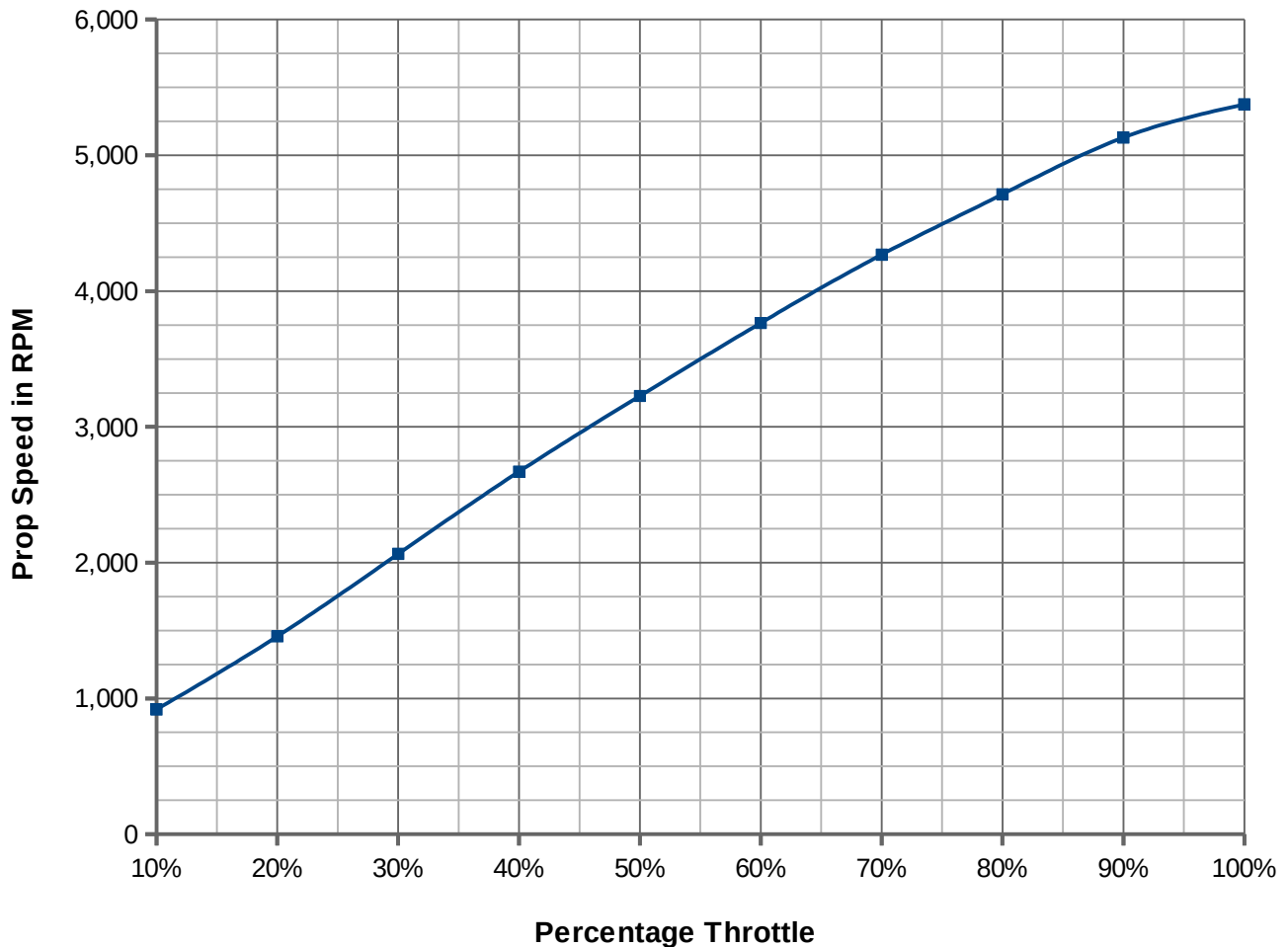
Motor Current vs Throttle Position



Cobra CM-4515-24 Motor Test Data, Kv=325

Data Collected at 22.2 volts with RC-Timer 17x5.5 CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.26	5.75	918	82.6	2.91	14.37
20%	0.66	14.67	1,457	215.1	7.58	14.66
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90%	27.36	607.37	5,131	3252.8	114.64	5.36
100%	31.98	710.04	5,375	3557.2	125.36	5.01

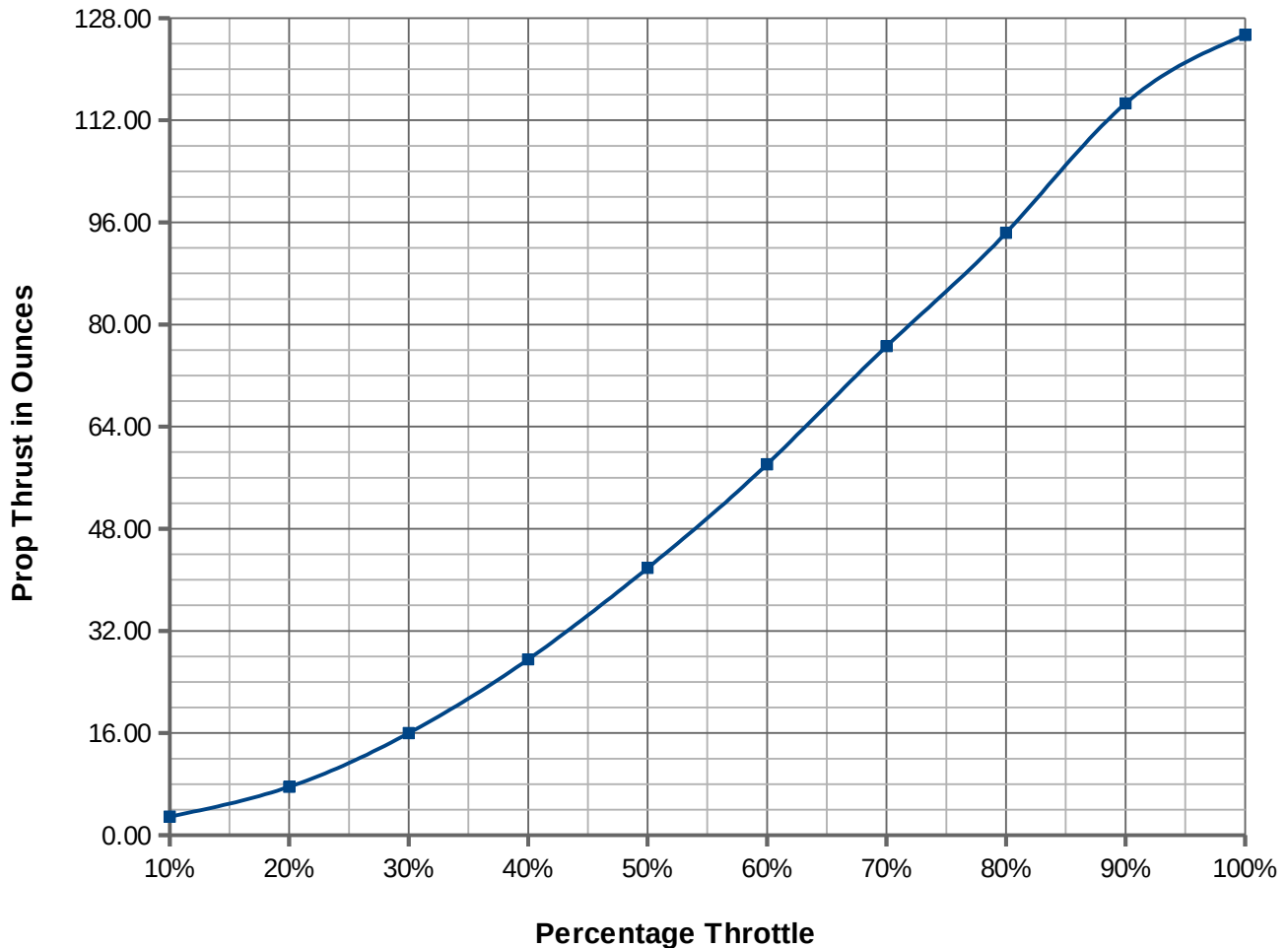
Propeller RPM vs Throttle Position



Cobra CM-4515-24 Motor Test Data, Kv=325

Data Collected at 22.2 volts with RC-Timer 17x5.5 CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.26	5.75	918	82.6	2.91	14.37
20%	0.66	14.67	1,457	215.1	7.58	14.66
30%	1.59	35.19	2,064	453.6	15.99	12.89
40%	3.25	72.17	2,670	781.4	27.54	10.83
50%	5.79	128.63	3,228	1187.6	41.85	9.23
60%	9.43	209.41	3,765	1648.5	58.10	7.87
70%	14.27	316.71	4,268	2173.8	76.61	6.86
80%	19.98	443.51	4,713	2677.4	94.36	6.04
90%	27.36	607.37	5,131	3252.8	114.64	5.36
100%	31.98	710.04	5,375	3557.2	125.36	5.01

Propeller Thrust vs Throttle Position



Cobra CM-4515-24 Motor Test Data, Kv=325

Data Collected at 22.2 volts with RC-Timer 17x5.5 CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.26	5.75	918	82.6	2.91	14.37
20%	0.66	14.67	1,457	215.1	7.58	14.66
30%	1.59	35.19	2,064	453.6	15.99	12.89
40%	3.25	72.17	2,670	781.4	27.54	10.83
50%	5.79	128.63	3,228	1187.6	41.85	9.23
60%	9.43	209.41	3,765	1648.5	58.10	7.87
70%	14.27	316.71	4,268	2173.8	76.61	6.86
80%	19.98	443.51	4,713	2677.4	94.36	6.04
90%	27.36	607.37	5,131	3252.8	114.64	5.36
100%	31.98	710.04	5,375	3557.2	125.36	5.01

Propeller Efficiency vs Throttle Position

