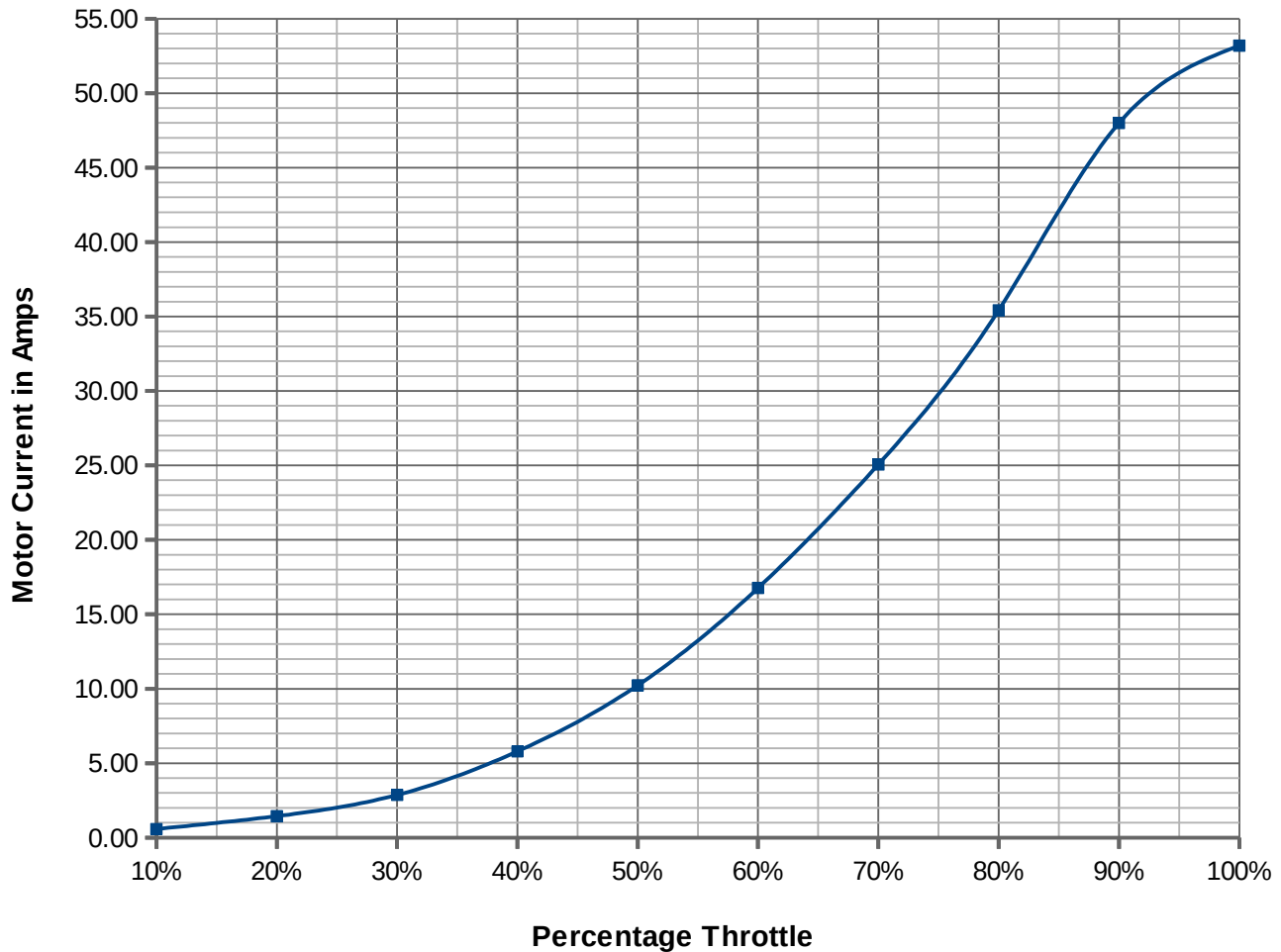


## Cobra CM-4520-14 Motor Test Data, Kv=400

Data Collected at 22.2 volts with RC-Timer 15x5.5 CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.58	12.85	1,498	147.8	5.21	11.50
20%	1.45	32.10	2,254	352.9	12.44	10.99
30%	2.87	63.67	2,930	623.6	21.98	9.79
40%	5.80	128.67	3,705	1054.7	37.17	8.20
50%	10.22	226.97	4,386	1587.6	55.95	6.99
60%	16.76	372.14	5,063	2184.7	76.99	5.87
70%	25.06	556.38	5,703	2802.2	98.76	5.04
80%	35.42	786.26	6,243	3424.1	120.67	4.35
90%	47.99	1065.36	6,723	4041.4	142.43	3.79
100%	53.19	1180.77	6,966	4341.4	153.00	3.68

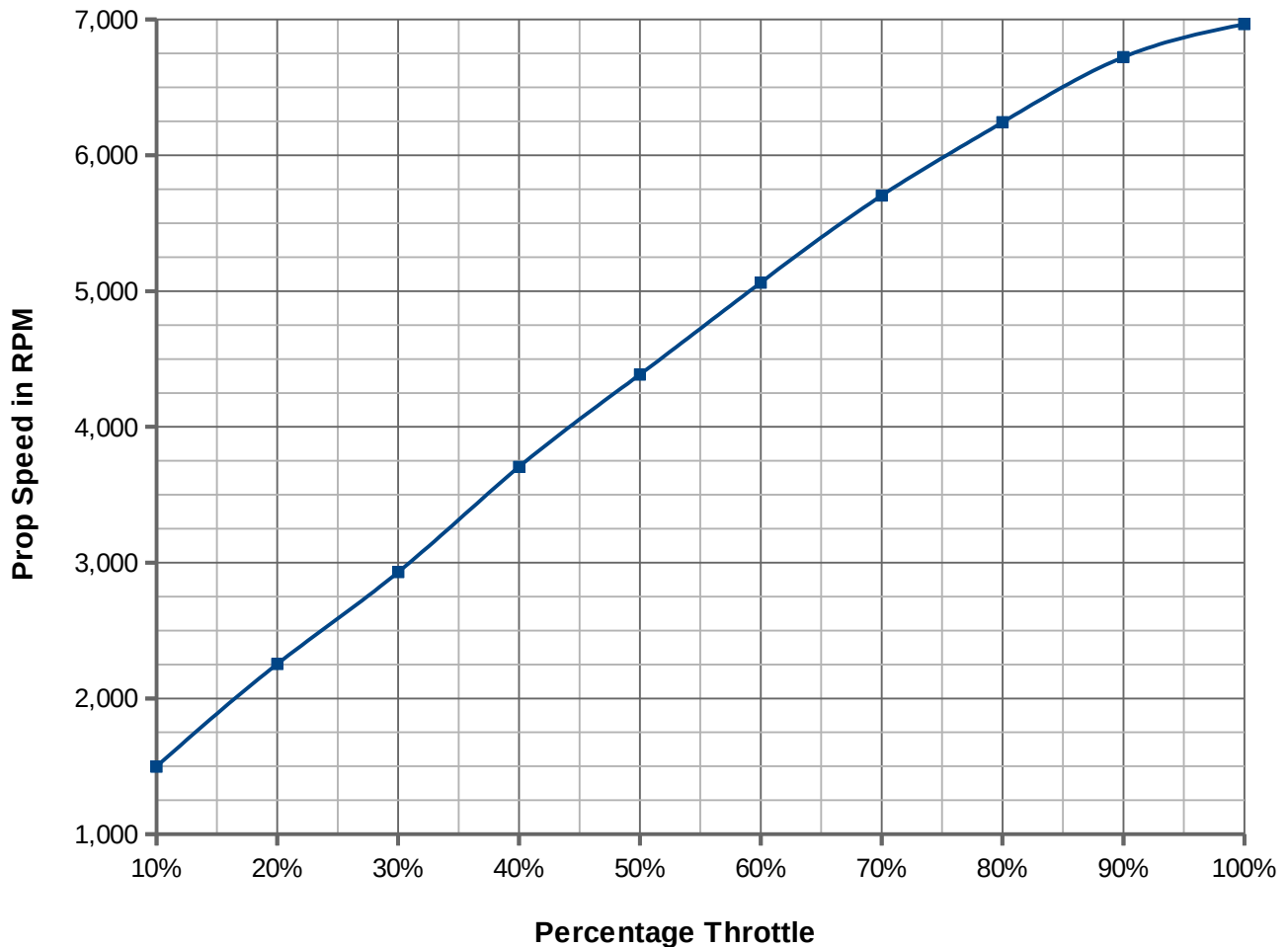
### Motor Current vs Throttle Position



## Cobra CM-4520-14 Motor Test Data, Kv=400

Data Collected at 22.2 volts with RC-Timer 15x5.5 CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.58	12.85	1,498	147.8	5.21	11.50
20%	1.45	32.10	2,254	352.9	12.44	10.99
30%	2.87	63.67	2,930	623.6	21.98	9.79
40%	5.80	128.67	3,705	1054.7	37.17	8.20
50%	10.22	226.97	4,386	1587.6	55.95	6.99
60%	16.76	372.14	5,063	2184.7	76.99	5.87
70%	25.06	556.38	5,703	2802.2	98.76	5.04
80%	35.42	786.26	6,243	3424.1	120.67	4.35
90%	47.99	1065.36	6,723	4041.4	142.43	3.79
100%	53.19	1180.77	6,966	4341.4	153.00	3.68

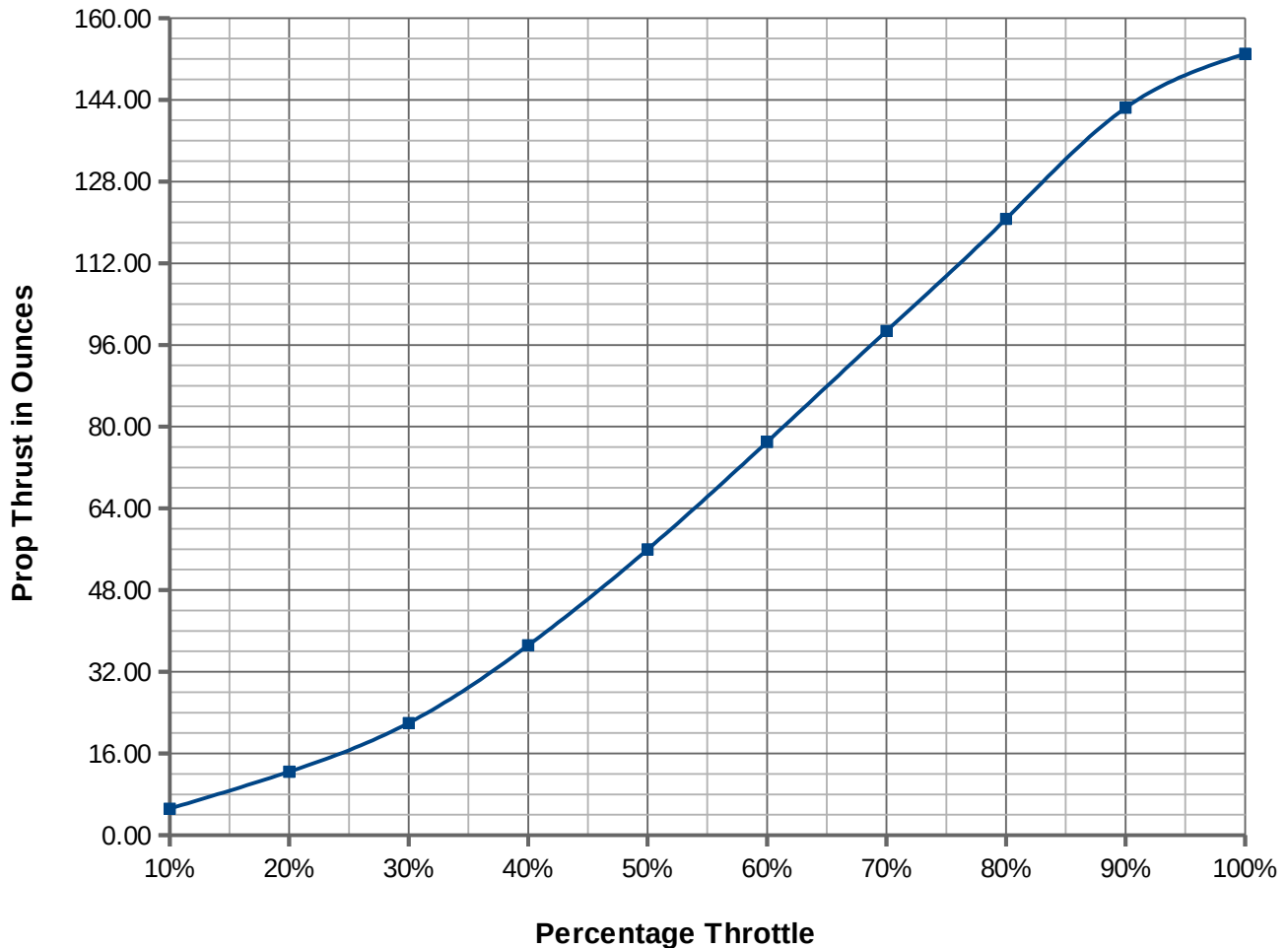
### Propeller RPM vs Throttle Position



# Cobra CM-4520-14 Motor Test Data, Kv=400

Data Collected at 22.2 volts with RC-Timer 15x5.5 CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.58	12.85	1,498	147.8	5.21	11.50
20%	1.45	32.10	2,254	352.9	12.44	10.99
30%	2.87	63.67	2,930	623.6	21.98	9.79
40%	5.80	128.67	3,705	1054.7	37.17	8.20
50%	10.22	226.97	4,386	1587.6	55.95	6.99
60%	16.76	372.14	5,063	2184.7	76.99	5.87
70%	25.06	556.38	5,703	2802.2	98.76	5.04
80%	35.42	786.26	6,243	3424.1	120.67	4.35
90%	47.99	1065.36	6,723	4041.4	142.43	3.79
100%	53.19	1180.77	6,966	4341.4	153.00	3.68

## Propeller Thrust vs Throttle Position



# Cobra CM-4520-14 Motor Test Data, Kv=400

Data Collected at 22.2 volts with RC-Timer 15x5.5 CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.58	12.85	1,498	147.8	5.21	11.50
20%	1.45	32.10	2,254	352.9	12.44	10.99
30%	2.87	63.67	2,930	623.6	21.98	9.79
40%	5.80	128.67	3,705	1054.7	37.17	8.20
50%	10.22	226.97	4,386	1587.6	55.95	6.99
60%	16.76	372.14	5,063	2184.7	76.99	5.87
70%	25.06	556.38	5,703	2802.2	98.76	5.04
80%	35.42	786.26	6,243	3424.1	120.67	4.35
90%	47.99	1065.36	6,723	4041.4	142.43	3.79
100%	53.19	1180.77	6,966	4341.4	153.00	3.68

## Propeller Efficiency vs Throttle Position

