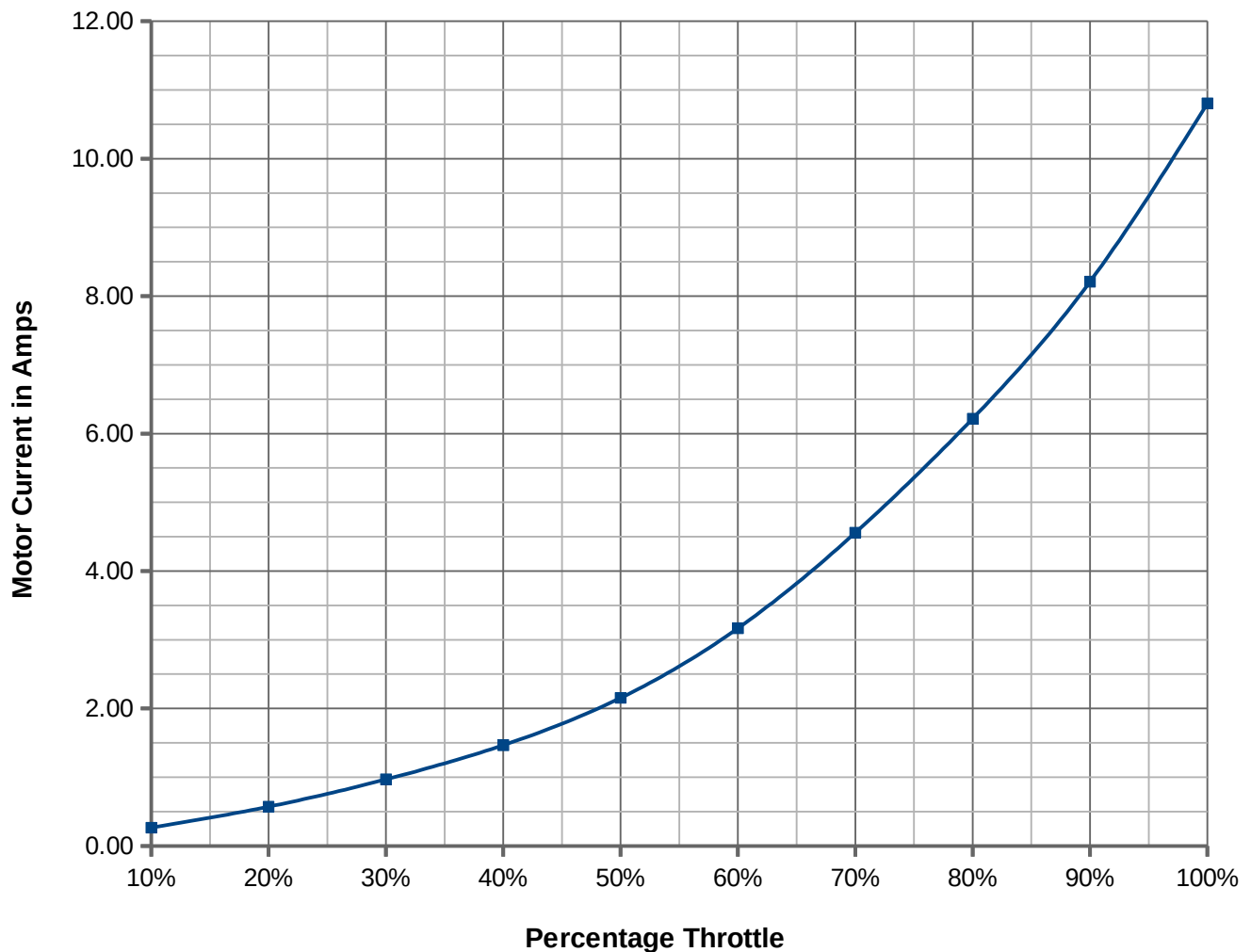


# Cobra CM-1806/26 Motor Test Data, Kv=2800

Data Collected at 11.1 volts with HQ 5x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.27	2.95	4,657	18.3	0.64	6.20
20%	0.57	6.34	7,458	46.3	1.63	7.31
30%	0.97	10.76	9,602	76.2	2.69	7.08
40%	1.47	16.27	11,464	108.7	3.83	6.68
50%	2.15	23.91	13,396	150.5	5.30	6.29
60%	3.17	35.15	15,673	201.7	7.11	5.74
70%	4.56	50.58	18,030	270.4	9.53	5.35
80%	6.22	69.02	20,217	338.0	11.91	4.90
90%	8.21	91.14	21,761	413.6	14.58	4.54
100%	10.80	119.92	23,240	503.5	17.74	4.20

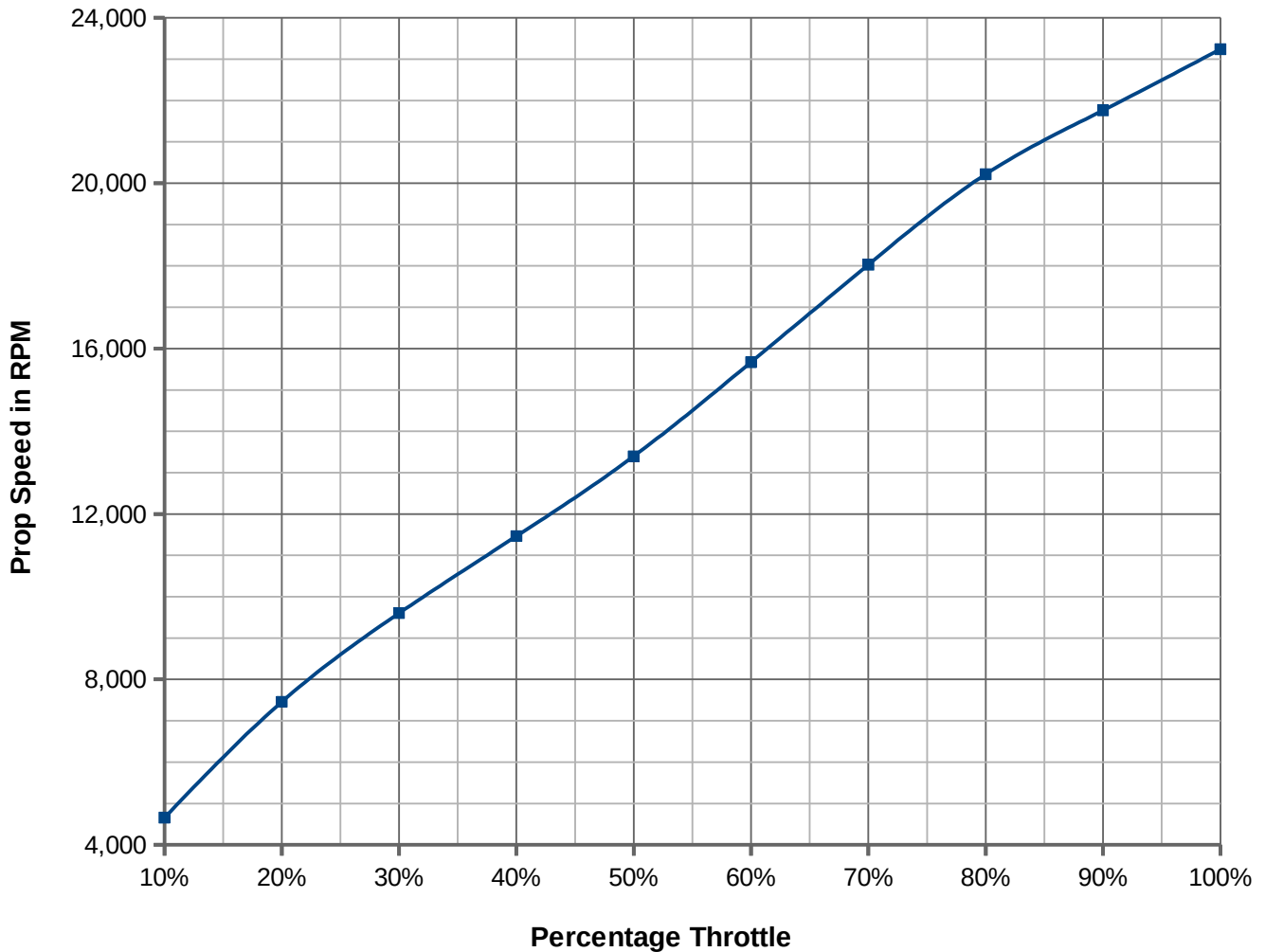
## Motor Current vs Throttle Position



## Cobra CM-1806/26 Motor Test Data, Kv=2800

Data Collected at 11.1 volts with HQ 5x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.27	2.95	4,657	18.3	0.64	6.20
20%	0.57	6.34	7,458	46.3	1.63	7.31
30%	0.97	10.76	9,602	76.2	2.69	7.08
40%	1.47	16.27	11,464	108.7	3.83	6.68
50%	2.15	23.91	13,396	150.5	5.30	6.29
60%	3.17	35.15	15,673	201.7	7.11	5.74
70%	4.56	50.58	18,030	270.4	9.53	5.35
80%	6.22	69.02	20,217	338.0	11.91	4.90
90%	8.21	91.14	21,761	413.6	14.58	4.54
100%	10.80	119.92	23,240	503.5	17.74	4.20

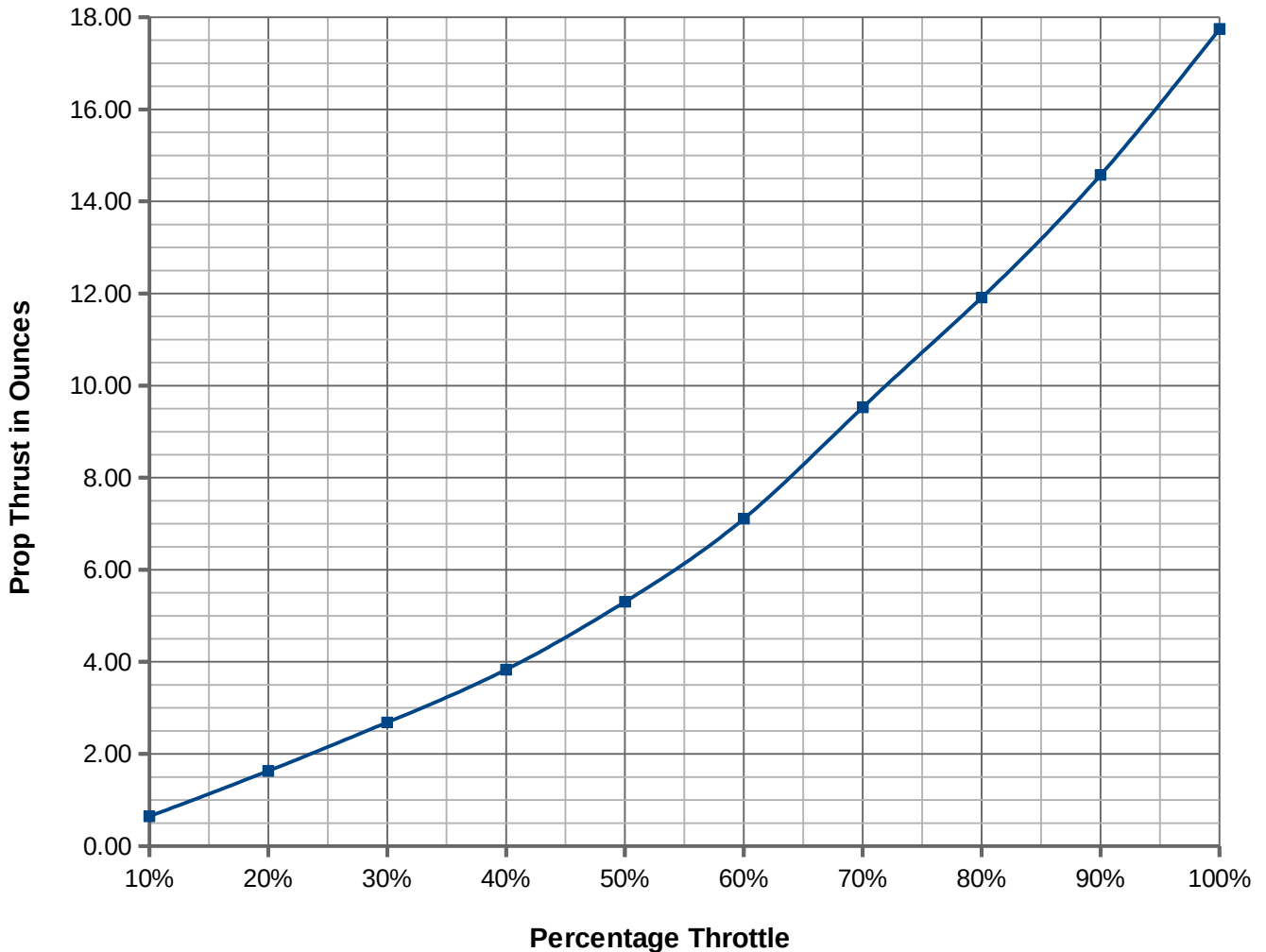
### Propeller RPM vs Throttle Position



# Cobra CM-1806/26 Motor Test Data, Kv=2800

Data Collected at 11.1 volts with HQ 5x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.27	2.95	4,657	18.3	0.64	6.20
20%	0.57	6.34	7,458	46.3	1.63	7.31
30%	0.97	10.76	9,602	76.2	2.69	7.08
40%	1.47	16.27	11,464	108.7	3.83	6.68
50%	2.15	23.91	13,396	150.5	5.30	6.29
60%	3.17	35.15	15,673	201.7	7.11	5.74
70%	4.56	50.58	18,030	270.4	9.53	5.35
80%	6.22	69.02	20,217	338.0	11.91	4.90
90%	8.21	91.14	21,761	413.6	14.58	4.54
100%	10.80	119.92	23,240	503.5	17.74	4.20

## Propeller Thrust vs Throttle Position



## Cobra CM-1806/26 Motor Test Data, Kv=2800

Data Collected at 11.1 volts with HQ 5x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.27	2.95	4,657	18.3	0.64	6.20
20%	0.57	6.34	7,458	46.3	1.63	7.31
30%	0.97	10.76	9,602	76.2	2.69	7.08
40%	1.47	16.27	11,464	108.7	3.83	6.68
50%	2.15	23.91	13,396	150.5	5.30	6.29
60%	3.17	35.15	15,673	201.7	7.11	5.74
70%	4.56	50.58	18,030	270.4	9.53	5.35
80%	6.22	69.02	20,217	338.0	11.91	4.90
90%	8.21	91.14	21,761	413.6	14.58	4.54
100%	10.80	119.92	23,240	503.5	17.74	4.20

### Propeller Efficiency vs Throttle Position

