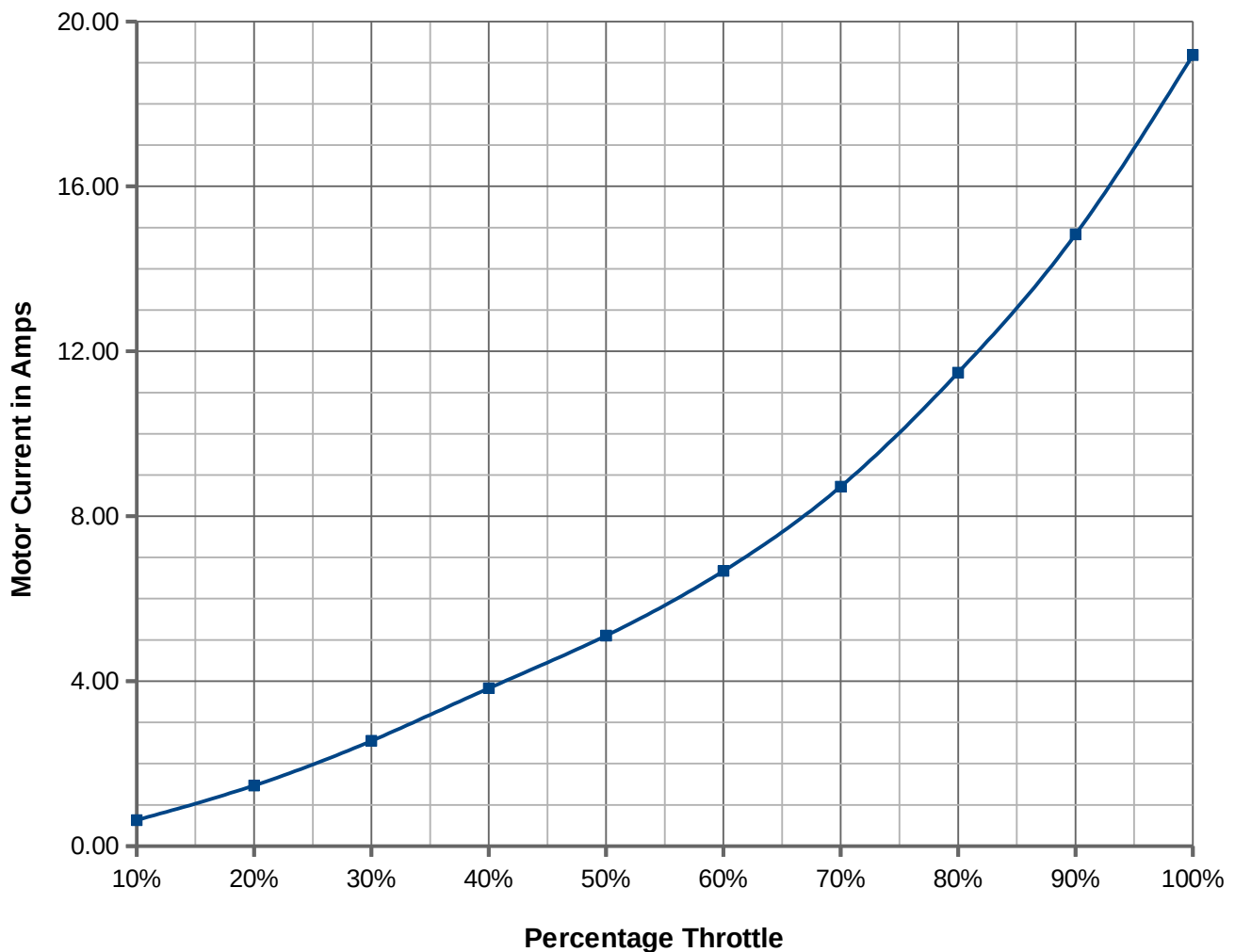


Cobra CM-2206-17 Motor Test Data, Kv=2400

Data Collected at 14.8 volts with HQ 4x4x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.63	9.31	6,507	41.5	1.46	4.46
20%	1.47	21.74	9,870	95.2	3.36	4.38
30%	2.55	37.77	12,527	153.1	5.40	4.05
40%	3.83	56.65	14,923	217.6	7.68	3.84
50%	5.10	75.52	16,800	274.5	9.68	3.63
60%	6.67	98.75	18,852	342.3	12.07	3.47
70%	8.72	129.06	21,162	424.2	14.96	3.29
80%	11.48	169.95	23,786	524.3	18.49	3.09
90%	14.84	219.57	26,407	634.2	22.37	2.89
100%	19.18	283.92	29,469	776.5	27.39	2.73

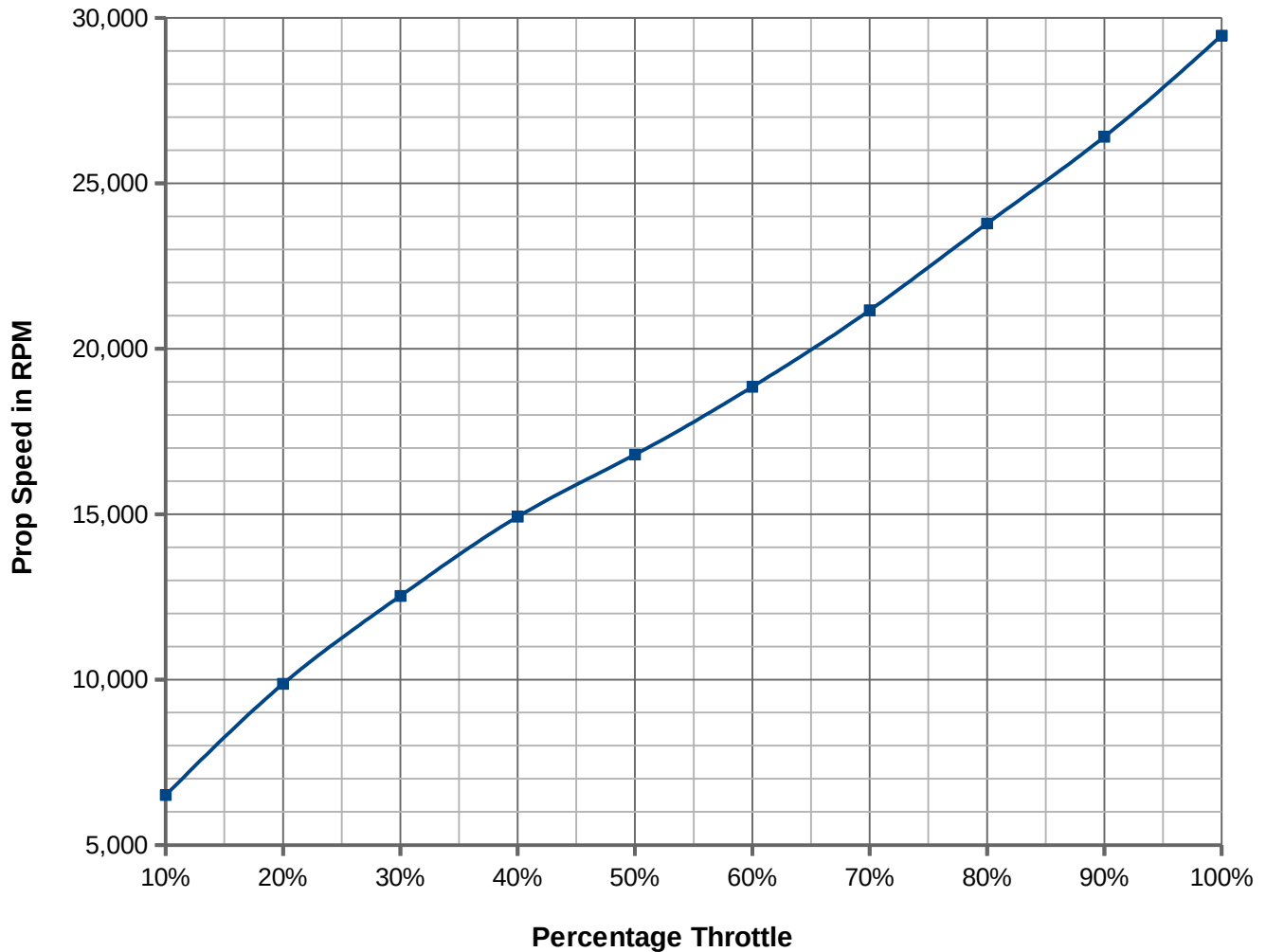
Motor Current vs Throttle Position



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

Data Collected at 14.8 volts with HQ 4x4x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.63	9.31	6,507	41.5	1.46	4.46
20%	1.47	21.74	9,870	95.2	3.36	4.38
30%	2.55	37.77	12,527	153.1	5.40	4.05
40%	3.83	56.65	14,923	217.6	7.68	3.84
50%	5.10	75.52	16,800	274.5	9.68	3.63
60%	6.67	98.75	18,852	342.3	12.07	3.47
70%	8.72	129.06	21,162	424.2	14.96	3.29
80%	11.48	169.95	23,786	524.3	18.49	3.09
90%	14.84	219.57	26,407	634.2	22.37	2.89
100%	19.18	283.92	29,469	776.5	27.39	2.73

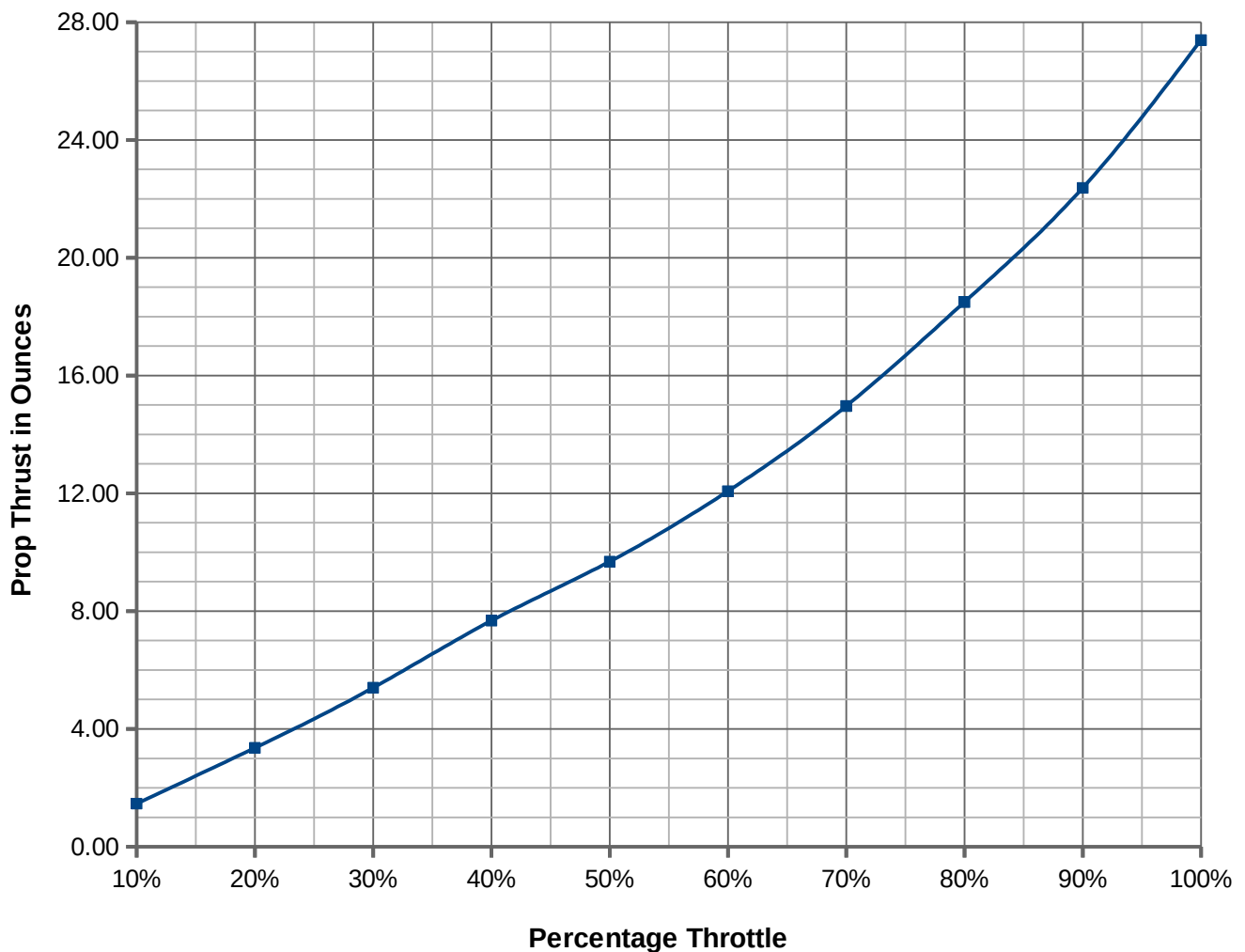
Propeller RPM vs Throttle Position



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

Data Collected at 14.8 volts with HQ 4x4x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.63	9.31	6,507	41.5	1.46	4.46
20%	1.47	21.74	9,870	95.2	3.36	4.38
30%	2.55	37.77	12,527	153.1	5.40	4.05
40%	3.83	56.65	14,923	217.6	7.68	3.84
50%	5.10	75.52	16,800	274.5	9.68	3.63
60%	6.67	98.75	18,852	342.3	12.07	3.47
70%	8.72	129.06	21,162	424.2	14.96	3.29
80%	11.48	169.95	23,786	524.3	18.49	3.09
90%	14.84	219.57	26,407	634.2	22.37	2.89
100%	19.18	283.92	29,469	776.5	27.39	2.73

Propeller Thrust vs Throttle Position



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

Data Collected at 14.8 volts with HQ 4x4x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.63	9.31	6,507	41.5	1.46	4.46
20%	1.47	21.74	9,870	95.2	3.36	4.38
30%	2.55	37.77	12,527	153.1	5.40	4.05
40%	3.83	56.65	14,923	217.6	7.68	3.84
50%	5.10	75.52	16,800	274.5	9.68	3.63
60%	6.67	98.75	18,852	342.3	12.07	3.47
70%	8.72	129.06	21,162	424.2	14.96	3.29
80%	11.48	169.95	23,786	524.3	18.49	3.09
90%	14.84	219.57	26,407	634.2	22.37	2.89
100%	19.18	283.92	29,469	776.5	27.39	2.73

Propeller Efficiency vs Throttle Position

