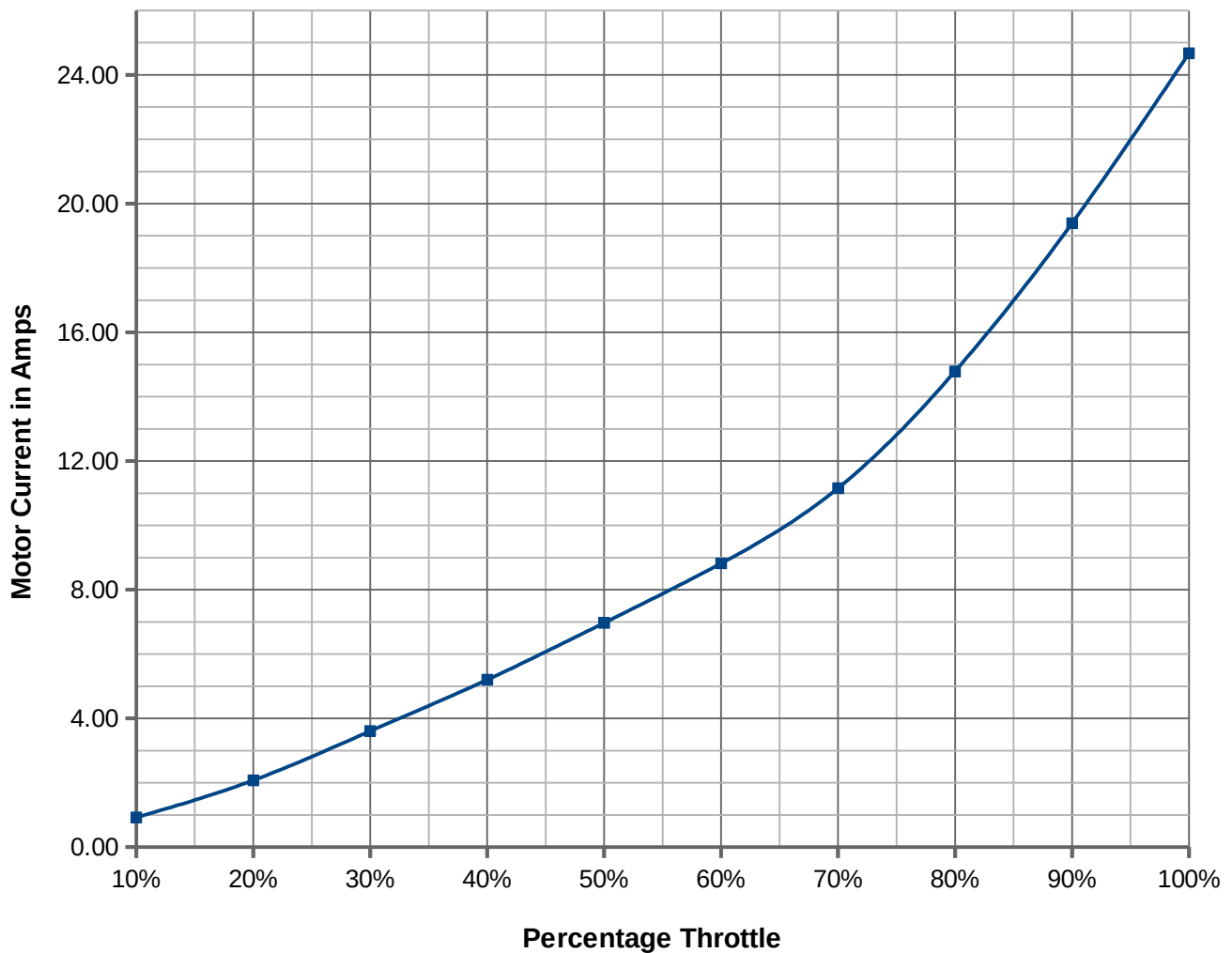


Cobra CM-2206-17 Motor Test Data, Kv=2400

Data Collected at 22.2 volts with HQ 5x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.93	20.54	11,154	95.7	3.38	4.66
20%	2.08	46.09	16,109	206.3	7.28	4.48
30%	3.61	80.08	20,325	326.1	11.50	4.07
40%	5.20	115.51	23,600	436.0	15.38	3.77
50%	6.97	154.76	26,338	547.5	19.31	3.54
60%	8.82	195.76	28,974	658.5	23.23	3.36
70%	11.16	247.64	31,714	787.0	27.76	3.18
80%	14.79	328.32	35,050	970.8	34.24	2.96
90%	19.39	430.52	38,341	1160.5	40.93	2.70
100%	24.67	547.74	41,147	1358.6	47.92	2.48

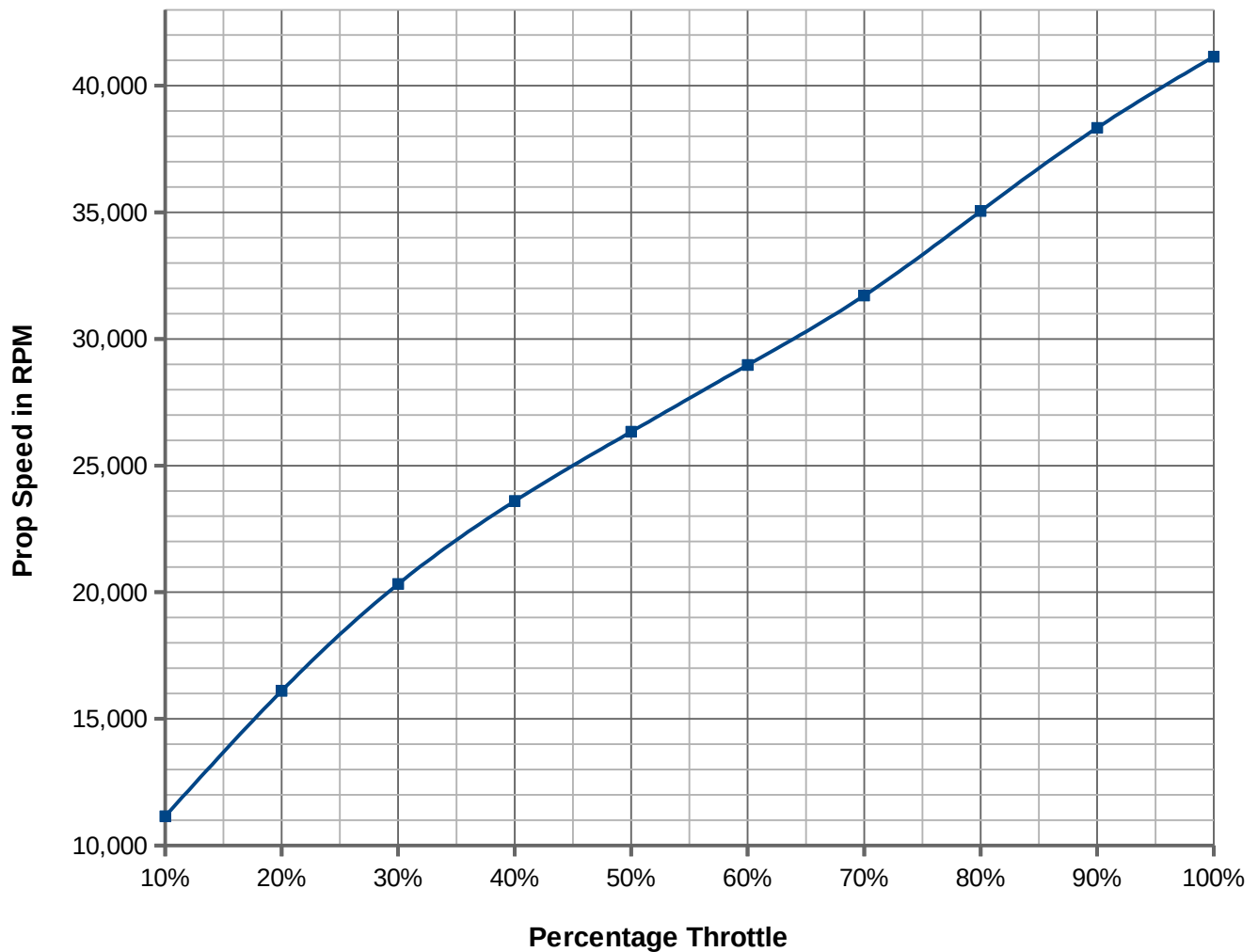
Motor Current vs Throttle Position



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

Data Collected at 22.2 volts with HQ 5x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.93	20.54	11,154	95.7	3.38	4.66
20%	2.08	46.09	16,109	206.3	7.28	4.48
30%	3.61	80.08	20,325	326.1	11.50	4.07
40%	5.20	115.51	23,600	436.0	15.38	3.77
50%	6.97	154.76	26,338	547.5	19.31	3.54
60%	8.82	195.76	28,974	658.5	23.23	3.36
70%	11.16	247.64	31,714	787.0	27.76	3.18
80%	14.79	328.32	35,050	970.8	34.24	2.96
90%	19.39	430.52	38,341	1160.5	40.93	2.70
100%	24.67	547.74	41,147	1358.6	47.92	2.48

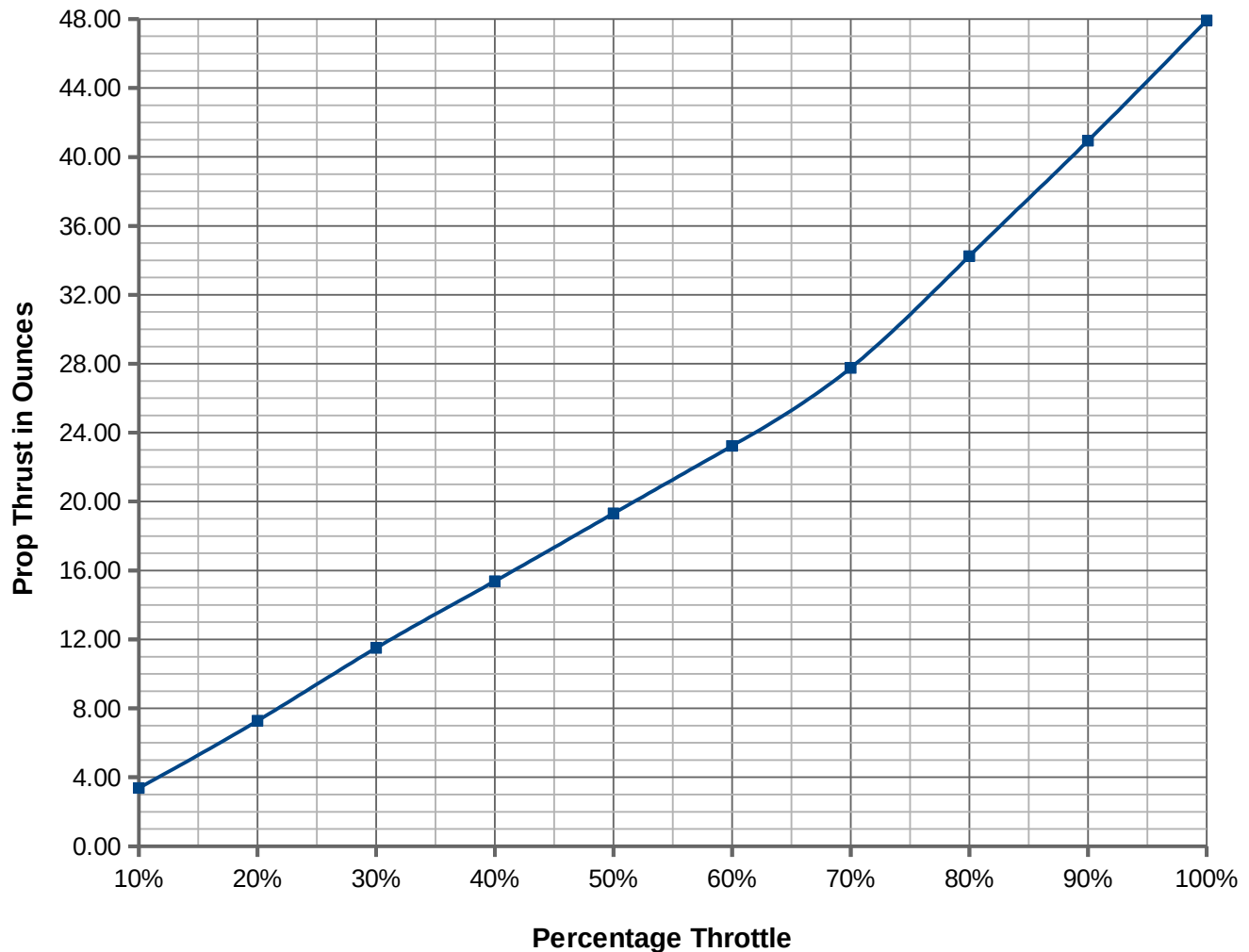
Propeller RPM vs Throttle Position



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

Data Collected at 22.2 volts with HQ 5x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.93	20.54	11,154	95.7	3.38	4.66
20%	2.08	46.09	16,109	206.3	7.28	4.48
30%	3.61	80.08	20,325	326.1	11.50	4.07
40%	5.20	115.51	23,600	436.0	15.38	3.77
50%	6.97	154.76	26,338	547.5	19.31	3.54
60%	8.82	195.76	28,974	658.5	23.23	3.36
70%	11.16	247.64	31,714	787.0	27.76	3.18
80%	14.79	328.32	35,050	970.8	34.24	2.96
90%	19.39	430.52	38,341	1160.5	40.93	2.70
100%	24.67	547.74	41,147	1358.6	47.92	2.48

Propeller Thrust vs Throttle Position



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

Data Collected at 22.2 volts with HQ 5x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.93	20.54	11,154	95.7	3.38	4.66
20%	2.08	46.09	16,109	206.3	7.28	4.48
30%	3.61	80.08	20,325	326.1	11.50	4.07
40%	5.20	115.51	23,600	436.0	15.38	3.77
50%	6.97	154.76	26,338	547.5	19.31	3.54
60%	8.82	195.76	28,974	658.5	23.23	3.36
70%	11.16	247.64	31,714	787.0	27.76	3.18
80%	14.79	328.32	35,050	970.8	34.24	2.96
90%	19.39	430.52	38,341	1160.5	40.93	2.70
100%	24.67	547.74	41,147	1358.6	47.92	2.48

Propeller Efficiency vs Throttle Position

