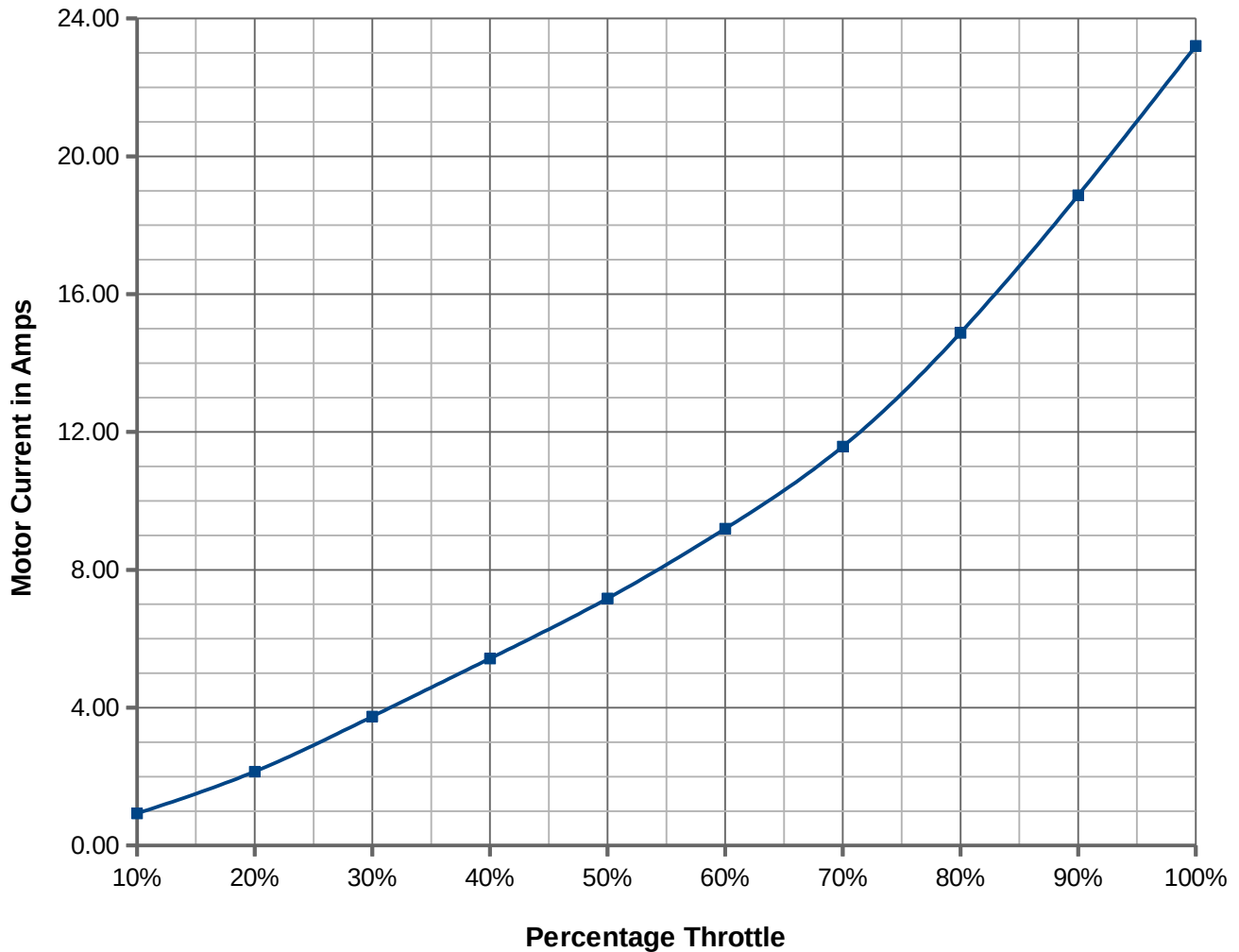


# Cobra CM-2206-17 Motor Test Data, Kv=2400

Data Collected at 22.2 volts with HQ 4x4 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.93	20.67	10,207	77.2	2.72	3.74
20%	2.15	47.64	15,013	165.2	5.83	3.47
30%	3.74	83.12	19,186	264.7	9.34	3.18
40%	5.43	120.48	22,493	361.6	12.75	3.00
50%	7.17	159.17	25,379	450.0	15.87	2.83
60%	9.20	204.13	28,257	557.6	19.67	2.73
70%	11.58	257.05	31,400	671.3	23.68	2.61
80%	14.88	330.34	34,930	817.0	28.82	2.47
90%	18.87	418.96	38,498	977.8	34.49	2.33
100%	23.20	515.13	41,625	1132.4	39.94	2.20

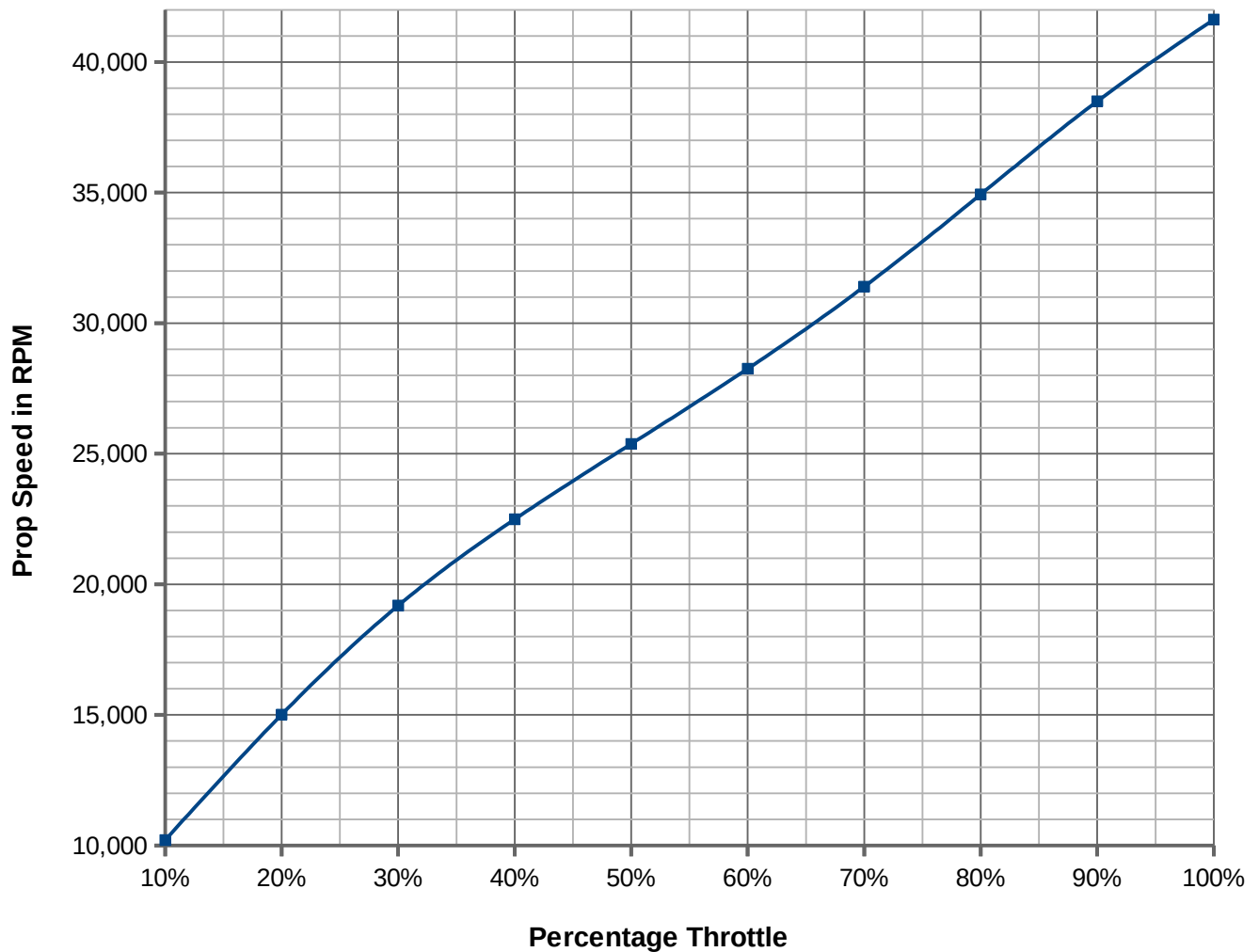
## Motor Current vs Throttle Position



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

Data Collected at 22.2 volts with HQ 4x4 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.93	20.67	10,207	77.2	2.72	3.74
20%	2.15	47.64	15,013	165.2	5.83	3.47
30%	3.74	83.12	19,186	264.7	9.34	3.18
40%	5.43	120.48	22,493	361.6	12.75	3.00
50%	7.17	159.17	25,379	450.0	15.87	2.83
60%	9.20	204.13	28,257	557.6	19.67	2.73
70%	11.58	257.05	31,400	671.3	23.68	2.61
80%	14.88	330.34	34,930	817.0	28.82	2.47
90%	18.87	418.96	38,498	977.8	34.49	2.33
100%	23.20	515.13	41,625	1132.4	39.94	2.20

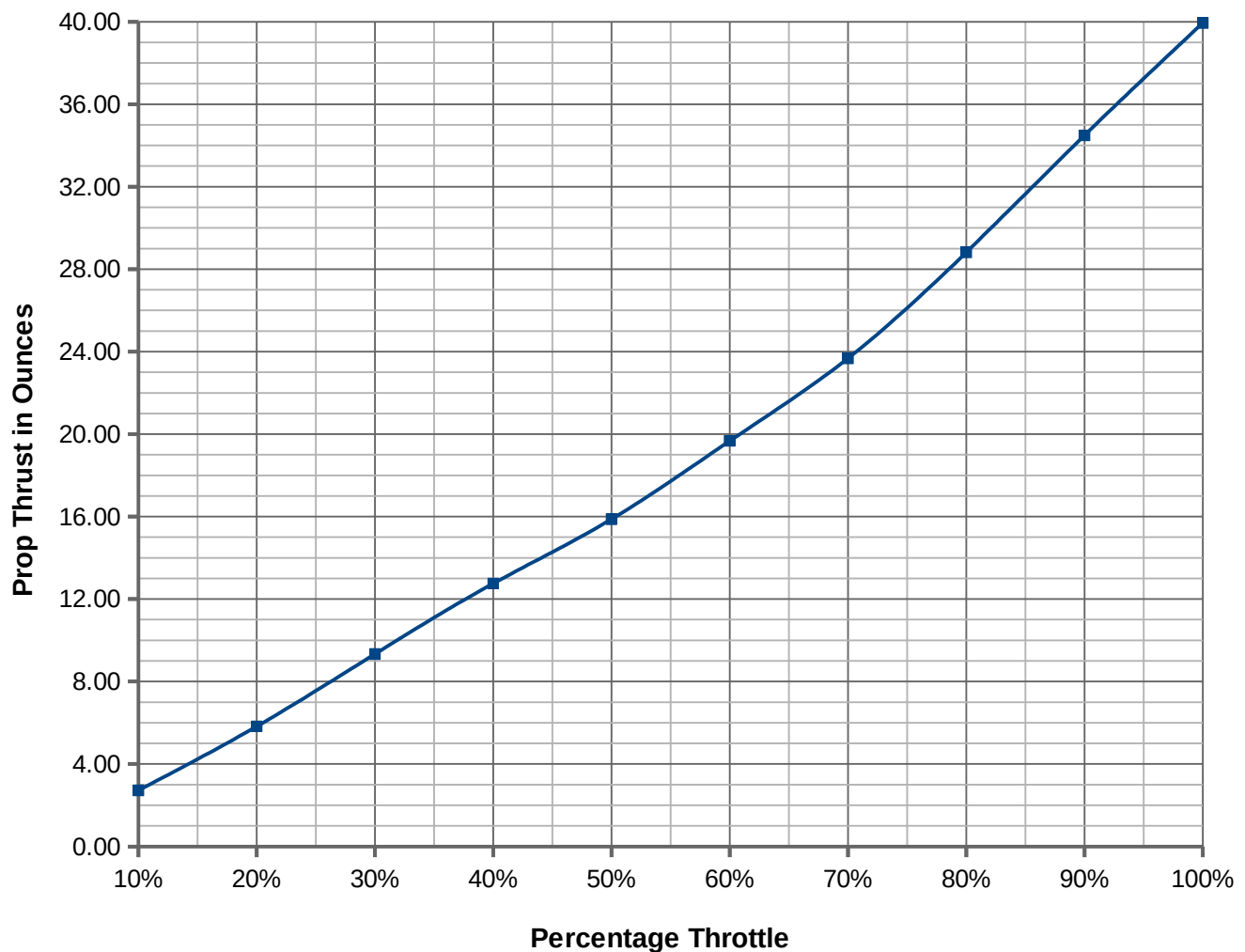
## Propeller RPM vs Throttle Position



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

Data Collected at 22.2 volts with HQ 4x4 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.93	20.67	10,207	77.2	2.72	3.74
20%	2.15	47.64	15,013	165.2	5.83	3.47
30%	3.74	83.12	19,186	264.7	9.34	3.18
40%	5.43	120.48	22,493	361.6	12.75	3.00
50%	7.17	159.17	25,379	450.0	15.87	2.83
60%	9.20	204.13	28,257	557.6	19.67	2.73
70%	11.58	257.05	31,400	671.3	23.68	2.61
80%	14.88	330.34	34,930	817.0	28.82	2.47
90%	18.87	418.96	38,498	977.8	34.49	2.33
100%	23.20	515.13	41,625	1132.4	39.94	2.20

### Propeller Thrust vs Throttle Position



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

Data Collected at 22.2 volts with HQ 4x4 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.93	20.67	10,207	77.2	2.72	3.74
20%	2.15	47.64	15,013	165.2	5.83	3.47
30%	3.74	83.12	19,186	264.7	9.34	3.18
40%	5.43	120.48	22,493	361.6	12.75	3.00
50%	7.17	159.17	25,379	450.0	15.87	2.83
60%	9.20	204.13	28,257	557.6	19.67	2.73
70%	11.58	257.05	31,400	671.3	23.68	2.61
80%	14.88	330.34	34,930	817.0	28.82	2.47
90%	18.87	418.96	38,498	977.8	34.49	2.33
100%	23.20	515.13	41,625	1132.4	39.94	2.20

## Propeller Efficiency vs Throttle Position

