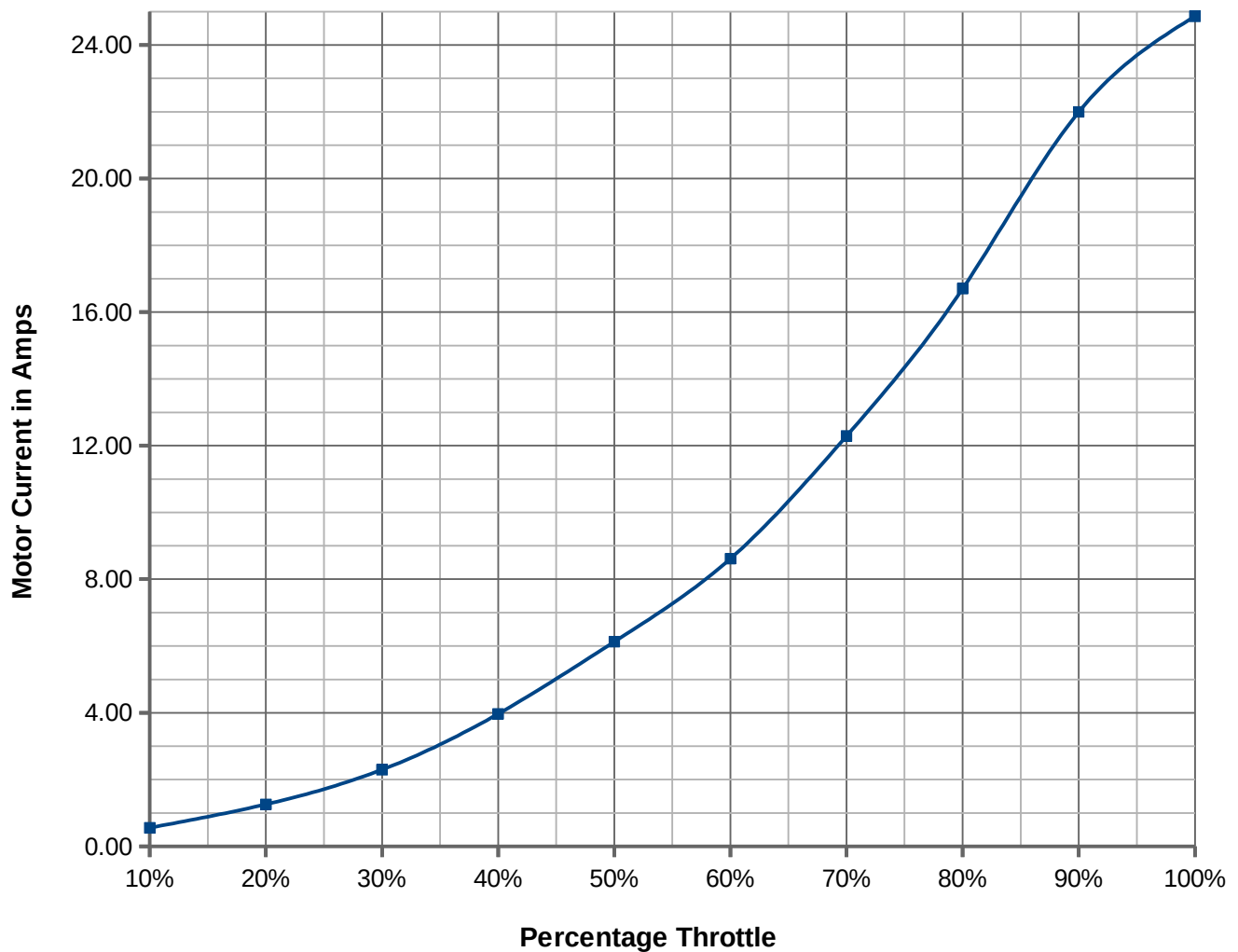


Cobra CM-2206/20 Motor Test Data, Kv=2100

Data Collected at 14.8 volts with FC 6x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.56	8.23	4,920	58.3	2.05	7.08
20%	1.26	18.65	7,219	127.7	4.50	6.85
30%	2.30	34.00	9,146	209.7	7.39	6.17
40%	3.97	58.71	11,246	319.8	11.27	5.45
50%	6.13	90.69	13,106	437.8	15.43	4.83
60%	8.62	127.50	14,846	552.7	19.48	4.33
70%	12.29	181.91	16,345	717.0	25.27	3.94
80%	16.71	247.23	18,445	873.7	30.79	3.53
90%	22.00	325.56	20,026	1035.2	36.48	3.18
100%	24.86	367.93	20,696	1113.9	39.26	3.03

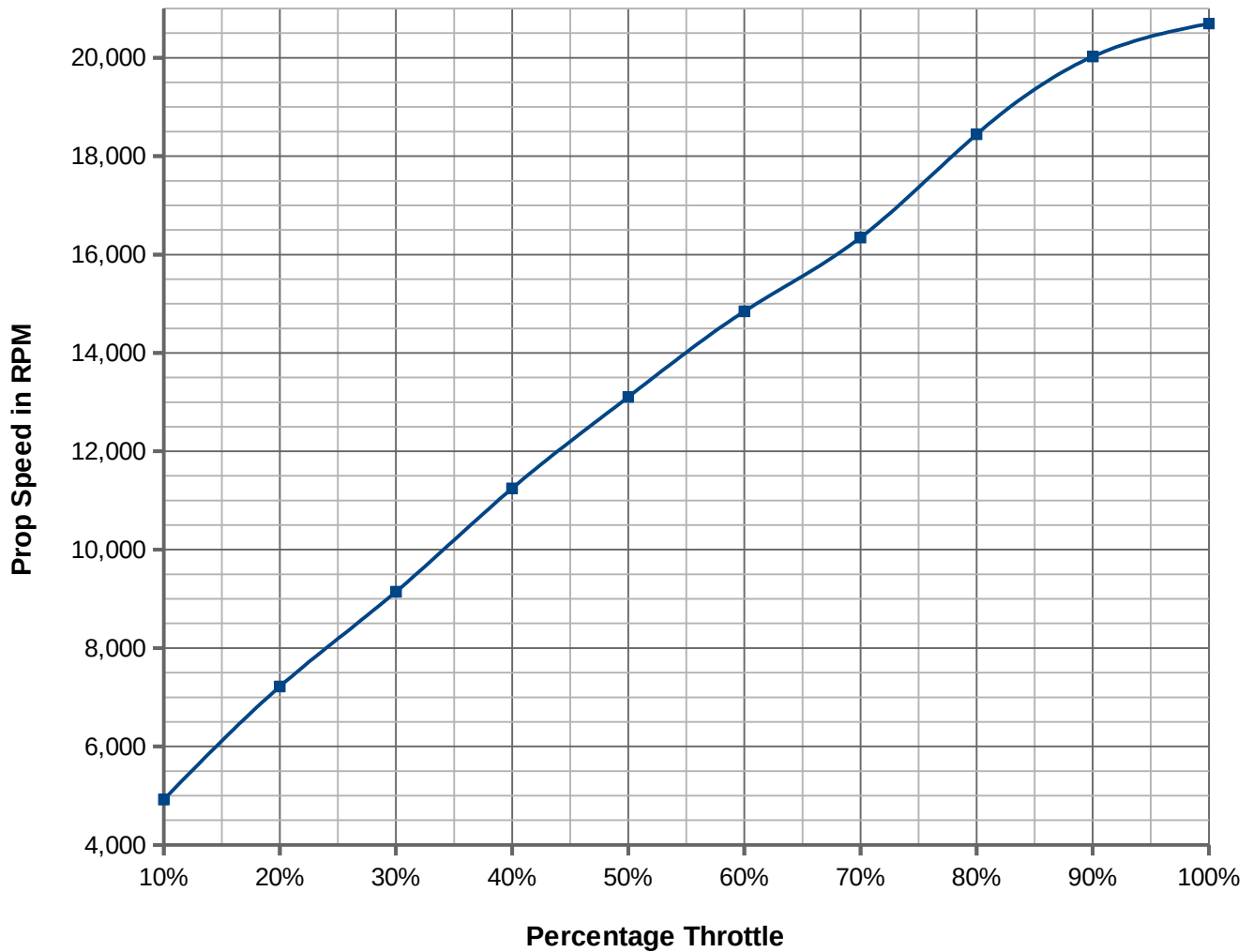
Motor Current vs Throttle Position



Cobra CM-2206/20 Motor Test Data, Kv=2100

Data Collected at 14.8 volts with FC 6x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.56	8.23	4,920	58.3	2.05	7.08
20%	1.26	18.65	7,219	127.7	4.50	6.85
30%	2.30	34.00	9,146	209.7	7.39	6.17
40%	3.97	58.71	11,246	319.8	11.27	5.45
50%	6.13	90.69	13,106	437.8	15.43	4.83
60%	8.62	127.50	14,846	552.7	19.48	4.33
70%	12.29	181.91	16,345	717.0	25.27	3.94
80%	16.71	247.23	18,445	873.7	30.79	3.53
90%	22.00	325.56	20,026	1035.2	36.48	3.18
100%	24.86	367.93	20,696	1113.9	39.26	3.03

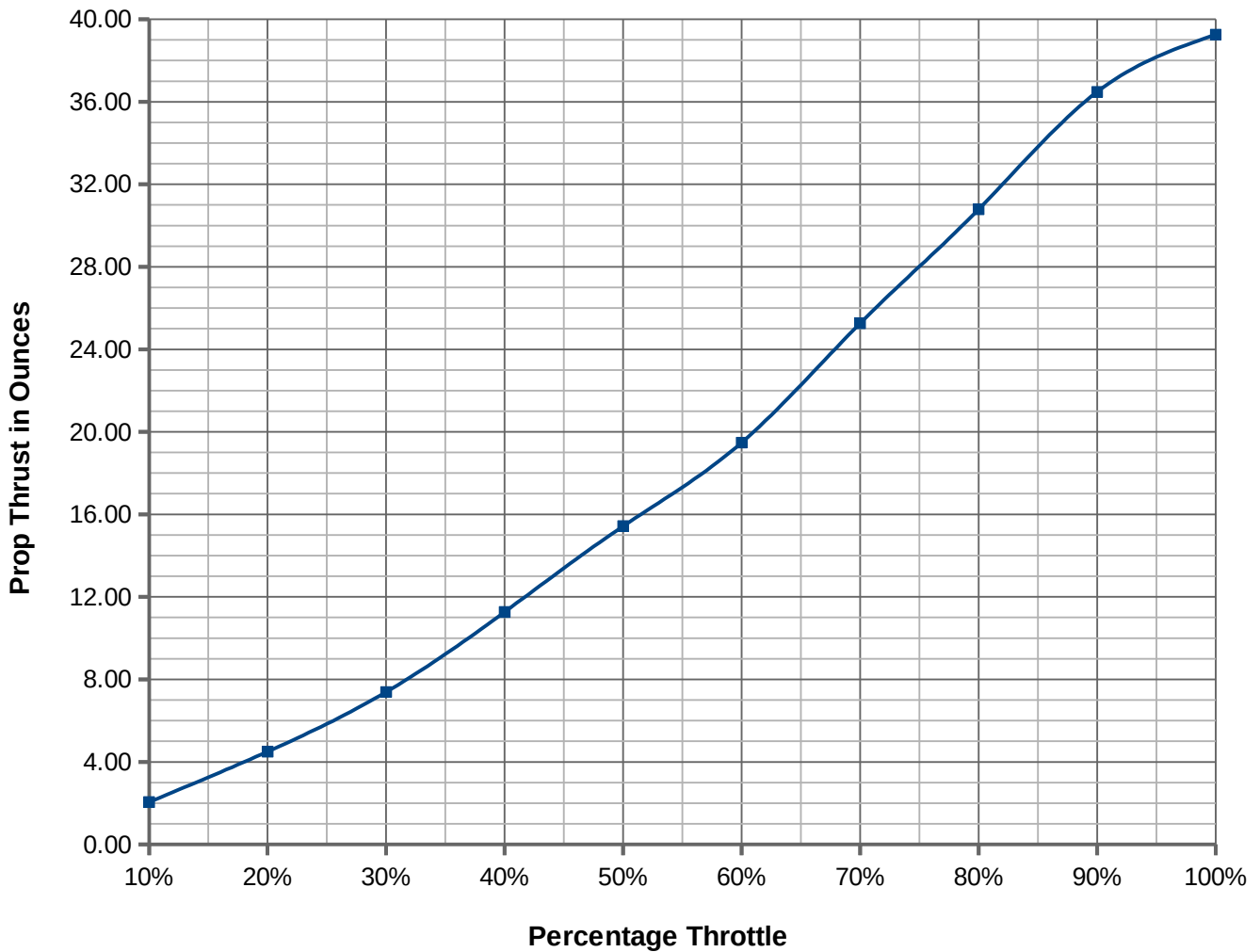
Propeller RPM vs Throttle Position



Cobra CM-2206/20 Motor Test Data, Kv=2100

Data Collected at 14.8 volts with FC 6x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.56	8.23	4,920	58.3	2.05	7.08
20%	1.26	18.65	7,219	127.7	4.50	6.85
30%	2.30	34.00	9,146	209.7	7.39	6.17
40%	3.97	58.71	11,246	319.8	11.27	5.45
50%	6.13	90.69	13,106	437.8	15.43	4.83
60%	8.62	127.50	14,846	552.7	19.48	4.33
70%	12.29	181.91	16,345	717.0	25.27	3.94
80%	16.71	247.23	18,445	873.7	30.79	3.53
90%	22.00	325.56	20,026	1035.2	36.48	3.18
100%	24.86	367.93	20,696	1113.9	39.26	3.03

Propeller Thrust vs Throttle Position



Cobra CM-2206/20 Motor Test Data, Kv=2100

Data Collected at 14.8 volts with FC 6x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.56	8.23	4,920	58.3	2.05	7.08
20%	1.26	18.65	7,219	127.7	4.50	6.85
30%	2.30	34.00	9,146	209.7	7.39	6.17
40%	3.97	58.71	11,246	319.8	11.27	5.45
50%	6.13	90.69	13,106	437.8	15.43	4.83
60%	8.62	127.50	14,846	552.7	19.48	4.33
70%	12.29	181.91	16,345	717.0	25.27	3.94
80%	16.71	247.23	18,445	873.7	30.79	3.53
90%	22.00	325.56	20,026	1035.2	36.48	3.18
100%	24.86	367.93	20,696	1113.9	39.26	3.03

Propeller Efficiency vs Throttle Position

