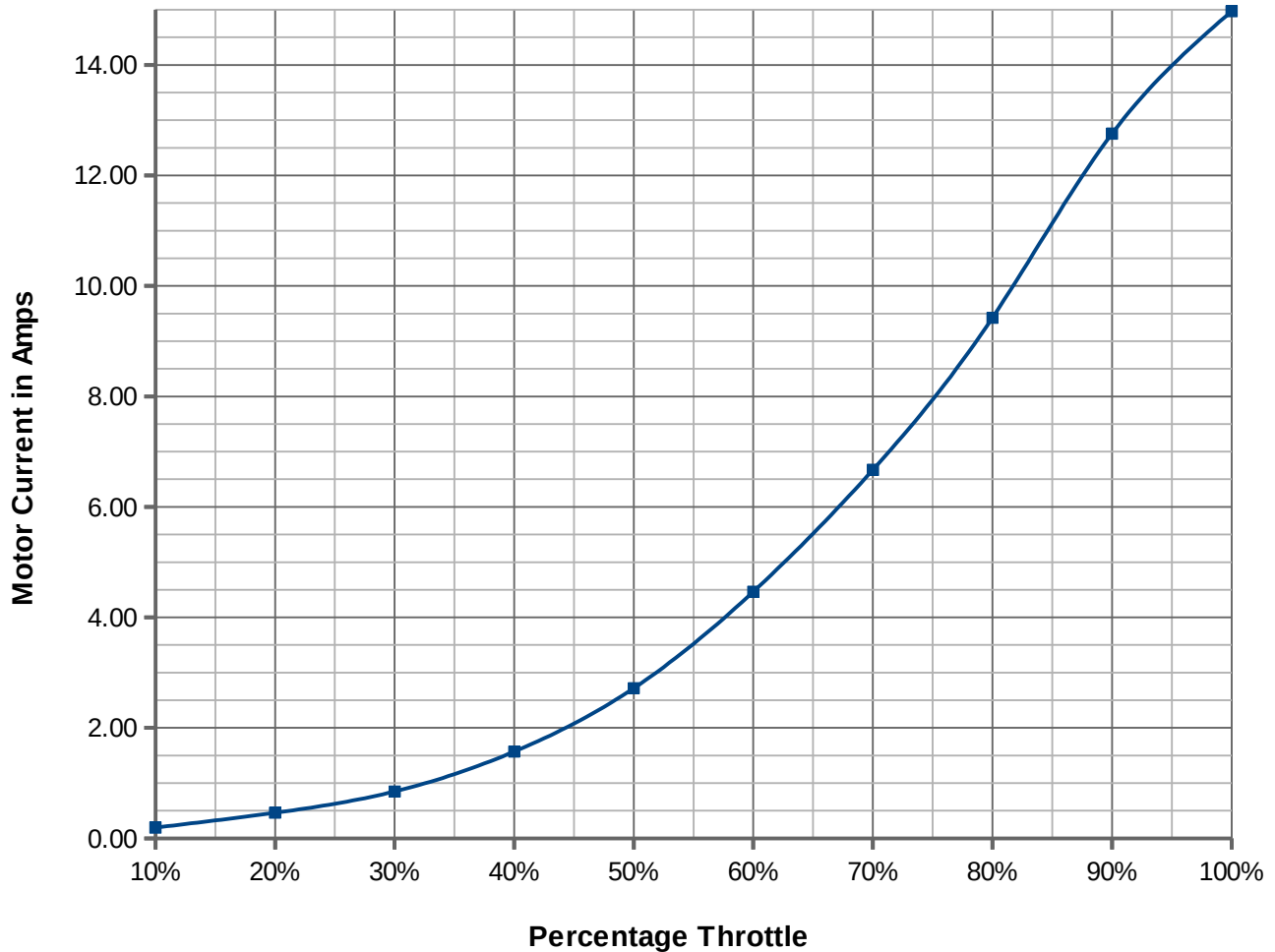


Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 14.8 volts with APC 12x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.20	2.90	1,231	38.1	1.34	13.13
20%	0.46	6.85	2,003	96.2	3.39	14.04
30%	0.85	12.57	2,637	162.2	5.72	12.91
40%	1.57	23.25	3,375	277.0	9.76	11.91
50%	2.72	40.23	4,127	426.2	15.02	10.60
60%	4.47	66.08	4,913	618.3	21.79	9.36
70%	6.67	98.72	5,612	825.2	29.08	8.36
80%	9.42	139.48	6,277	1054.1	37.15	7.56
90%	12.76	188.80	6,903	1292.2	45.54	6.84
100%	14.97	221.59	7,267	1433.4	50.52	6.47

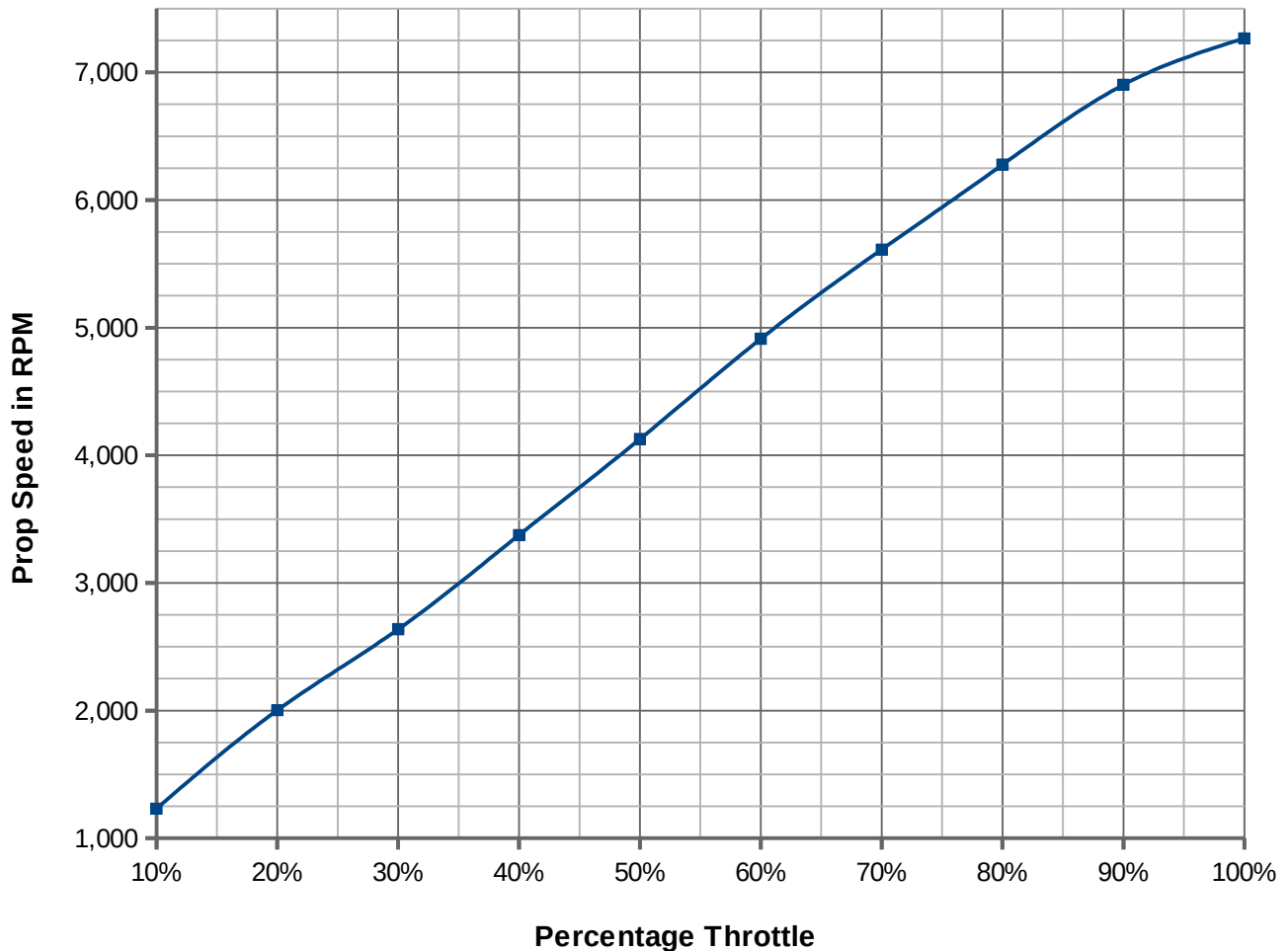
Motor Current vs Throttle Position



Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 14.8 volts with APC 12x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.20	2.90	1,231	38.1	1.34	13.13
20%	0.46	6.85	2,003	96.2	3.39	14.04
30%	0.85	12.57	2,637	162.2	5.72	12.91
40%	1.57	23.25	3,375	277.0	9.76	11.91
50%	2.72	40.23	4,127	426.2	15.02	10.60
60%	4.47	66.08	4,913	618.3	21.79	9.36
70%	6.67	98.72	5,612	825.2	29.08	8.36
80%	9.42	139.48	6,277	1054.1	37.15	7.56
90%	12.76	188.80	6,903	1292.2	45.54	6.84
100%	14.97	221.59	7,267	1433.4	50.52	6.47

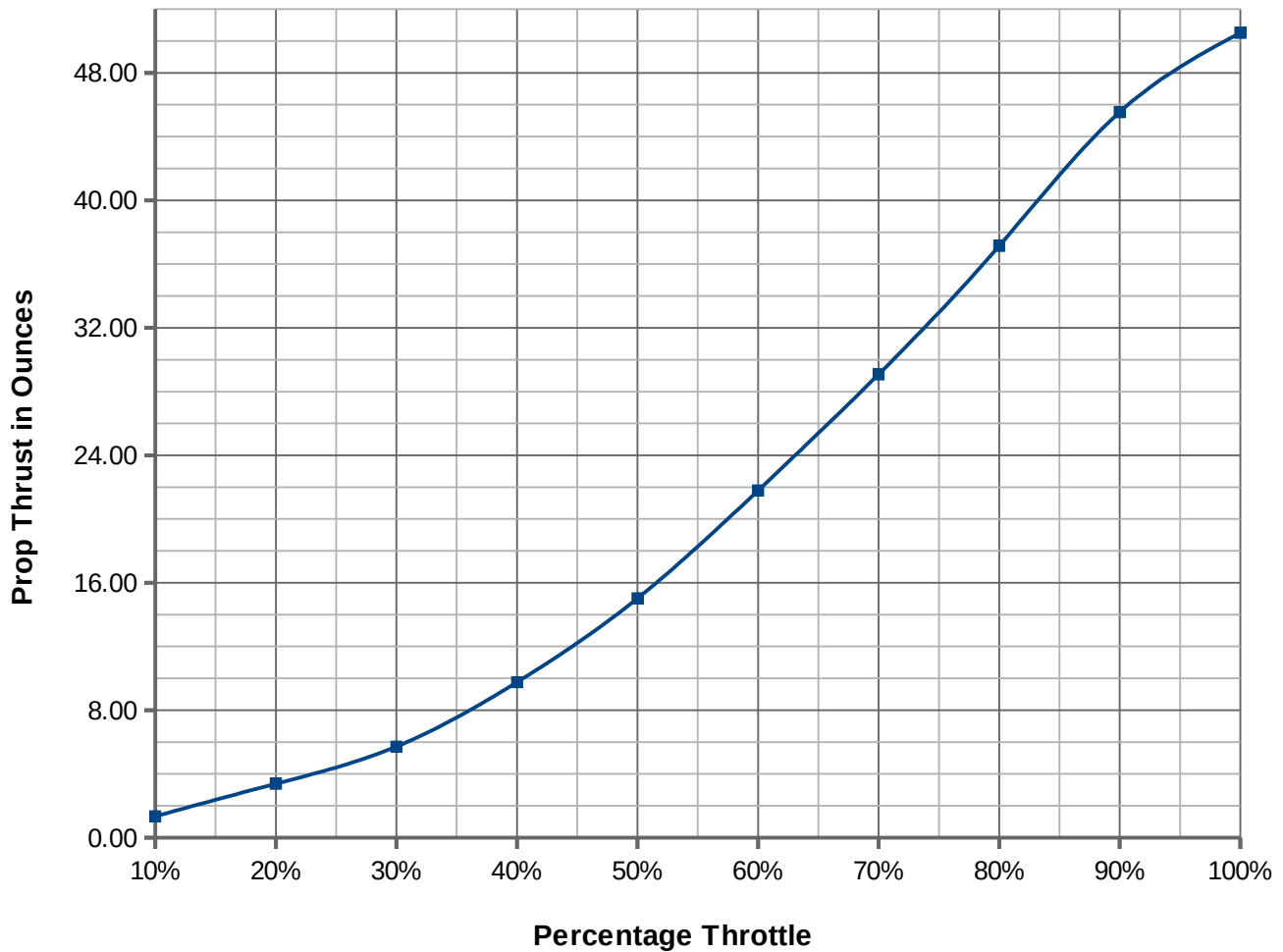
Propeller RPM vs Throttle Position



Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 14.8 volts with APC 12x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.20	2.90	1,231	38.1	1.34	13.13
20%	0.46	6.85	2,003	96.2	3.39	14.04
30%	0.85	12.57	2,637	162.2	5.72	12.91
40%	1.57	23.25	3,375	277.0	9.76	11.91
50%	2.72	40.23	4,127	426.2	15.02	10.60
60%	4.47	66.08	4,913	618.3	21.79	9.36
70%	6.67	98.72	5,612	825.2	29.08	8.36
80%	9.42	139.48	6,277	1054.1	37.15	7.56
90%	12.76	188.80	6,903	1292.2	45.54	6.84
100%	14.97	221.59	7,267	1433.4	50.52	6.47

Propeller Thrust vs Throttle Position



Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 14.8 volts with APC 12x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.20	2.90	1,231	38.1	1.34	13.13
20%	0.46	6.85	2,003	96.2	3.39	14.04
30%	0.85	12.57	2,637	162.2	5.72	12.91
40%	1.57	23.25	3,375	277.0	9.76	11.91
50%	2.72	40.23	4,127	426.2	15.02	10.60
60%	4.47	66.08	4,913	618.3	21.79	9.36
70%	6.67	98.72	5,612	825.2	29.08	8.36
80%	9.42	139.48	6,277	1054.1	37.15	7.56
90%	12.76	188.80	6,903	1292.2	45.54	6.84
100%	14.97	221.59	7,267	1433.4	50.52	6.47

Propeller Efficiency vs Throttle Position

