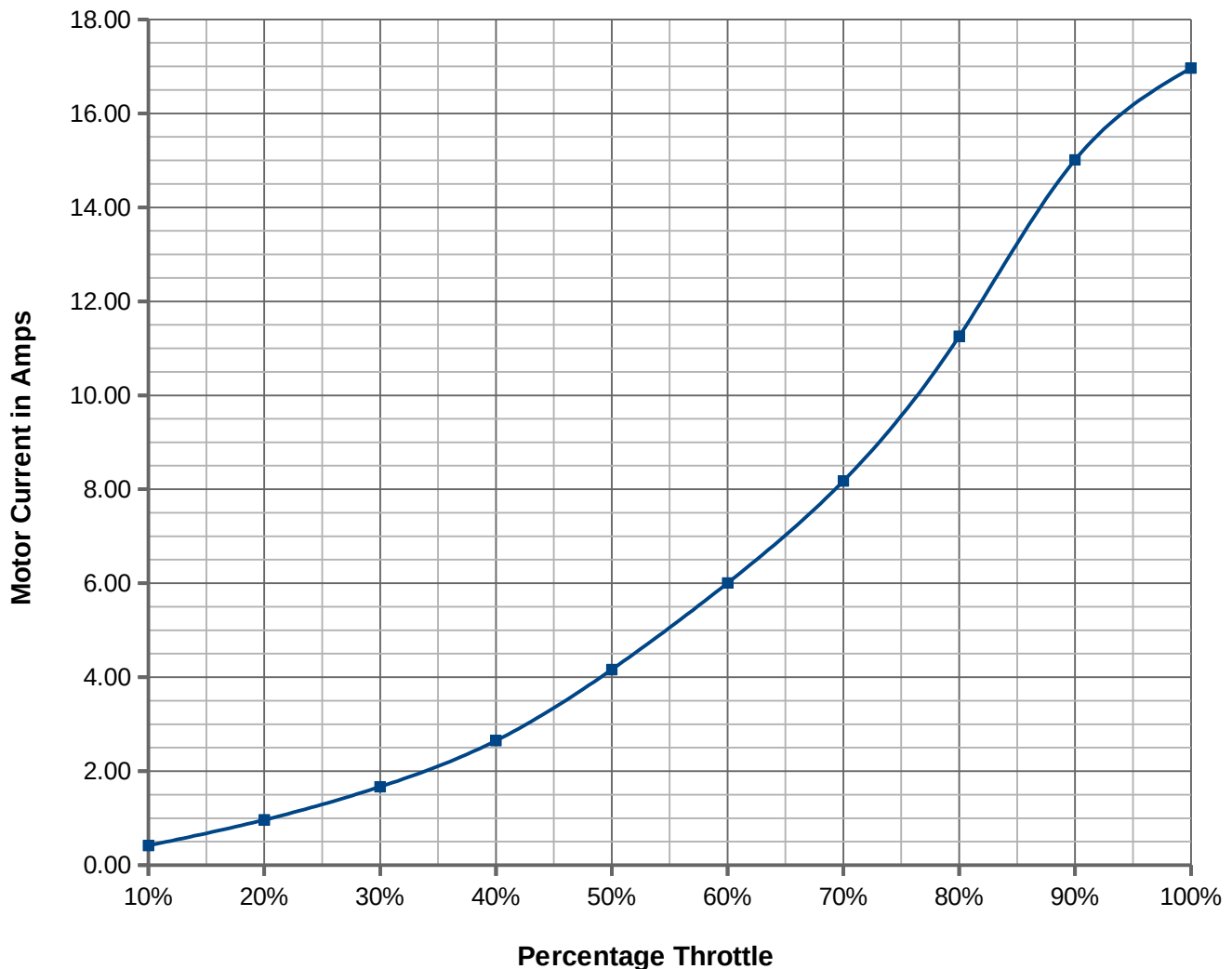


Cobra CM-2206/20 Motor Test Data, Kv=2100

Data Collected at 11.1 volts with FC 6x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.42	4.63	3,863	36.7	1.29	7.93
20%	0.96	10.70	5,809	83.2	2.93	7.78
30%	1.67	18.53	7,342	133.3	4.70	7.20
40%	2.65	29.42	8,837	193.3	6.81	6.57
50%	4.16	46.20	10,469	276.7	9.75	5.99
60%	6.01	66.66	11,974	360.8	12.72	5.41
70%	8.18	90.75	13,417	454.1	16.00	5.00
80%	11.26	124.96	14,988	567.2	19.99	4.54
90%	15.01	166.62	16,451	691.3	24.36	4.15
100%	16.96	188.29	17,189	749.4	26.41	3.98

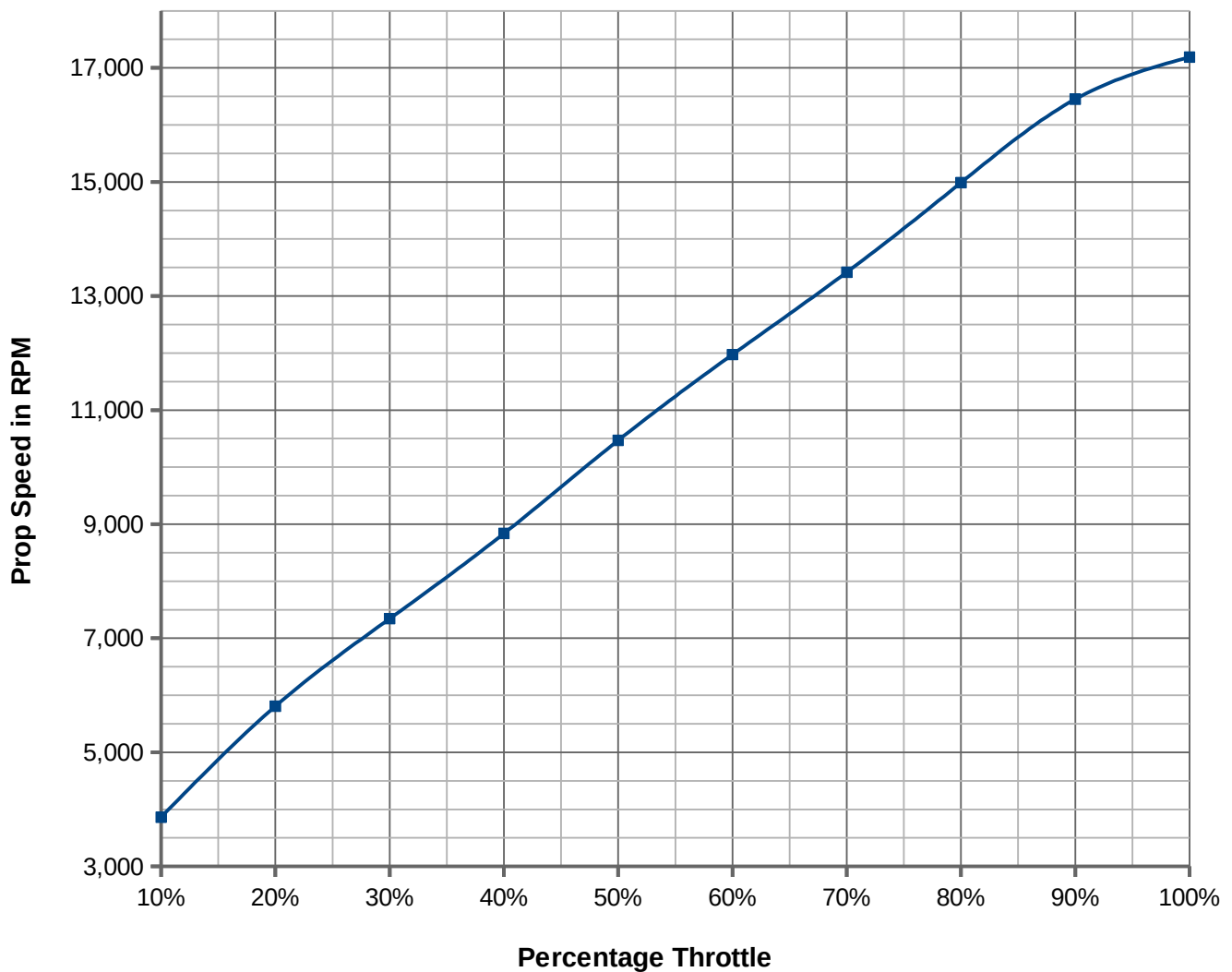
Motor Current vs Throttle Position



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

Data Collected at 11.1 volts with FC 6x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.42	4.63	3,863	36.7	1.29	7.93
20%	0.96	10.70	5,809	83.2	2.93	7.78
30%	1.67	18.53	7,342	133.3	4.70	7.20
40%	2.65	29.42	8,837	193.3	6.81	6.57
50%	4.16	46.20	10,469	276.7	9.75	5.99
60%	6.01	66.66	11,974	360.8	12.72	5.41
70%	8.18	90.75	13,417	454.1	16.00	5.00
80%	11.26	124.96	14,988	567.2	19.99	4.54
90%	15.01	166.62	16,451	691.3	24.36	4.15
100%	16.96	188.29	17,189	749.4	26.41	3.98

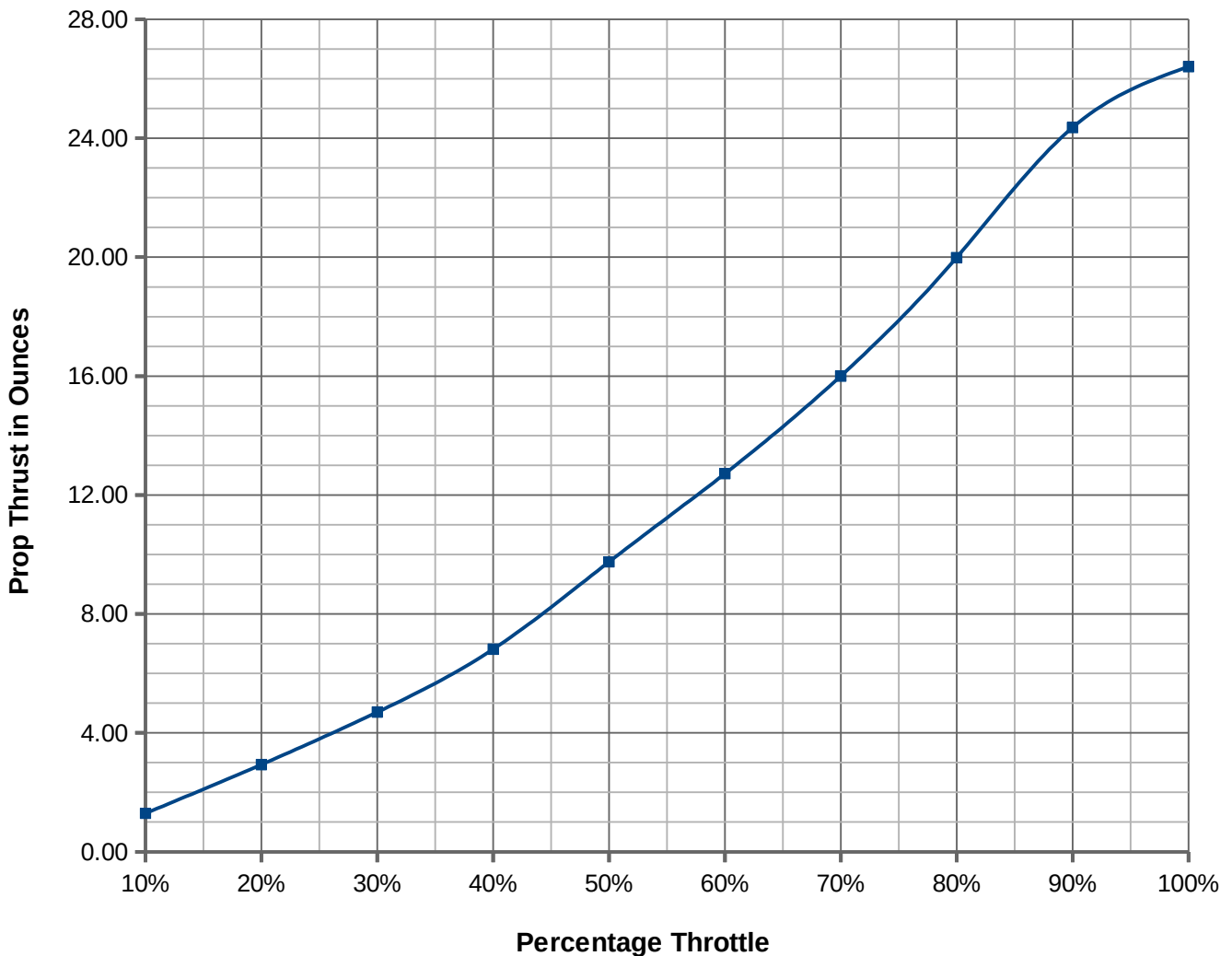
Propeller RPM vs Throttle Position



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

Data Collected at 11.1 volts with FC 6x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.42	4.63	3,863	36.7	1.29	7.93
20%	0.96	10.70	5,809	83.2	2.93	7.78
30%	1.67	18.53	7,342	133.3	4.70	7.20
40%	2.65	29.42	8,837	193.3	6.81	6.57
50%	4.16	46.20	10,469	276.7	9.75	5.99
60%	6.01	66.66	11,974	360.8	12.72	5.41
70%	8.18	90.75	13,417	454.1	16.00	5.00
80%	11.26	124.96	14,988	567.2	19.99	4.54
90%	15.01	166.62	16,451	691.3	24.36	4.15
100%	16.96	188.29	17,189	749.4	26.41	3.98

Propeller Thrust vs Throttle Position



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

Data Collected at 11.1 volts with FC 6x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.42	4.63	3,863	36.7	1.29	7.93
20%	0.96	10.70	5,809	83.2	2.93	7.78
30%	1.67	18.53	7,342	133.3	4.70	7.20
40%	2.65	29.42	8,837	193.3	6.81	6.57
50%	4.16	46.20	10,469	276.7	9.75	5.99
60%	6.01	66.66	11,974	360.8	12.72	5.41
70%	8.18	90.75	13,417	454.1	16.00	5.00
80%	11.26	124.96	14,988	567.2	19.99	4.54
90%	15.01	166.62	16,451	691.3	24.36	4.15
100%	16.96	188.29	17,189	749.4	26.41	3.98

Propeller Efficiency vs Throttle Position

