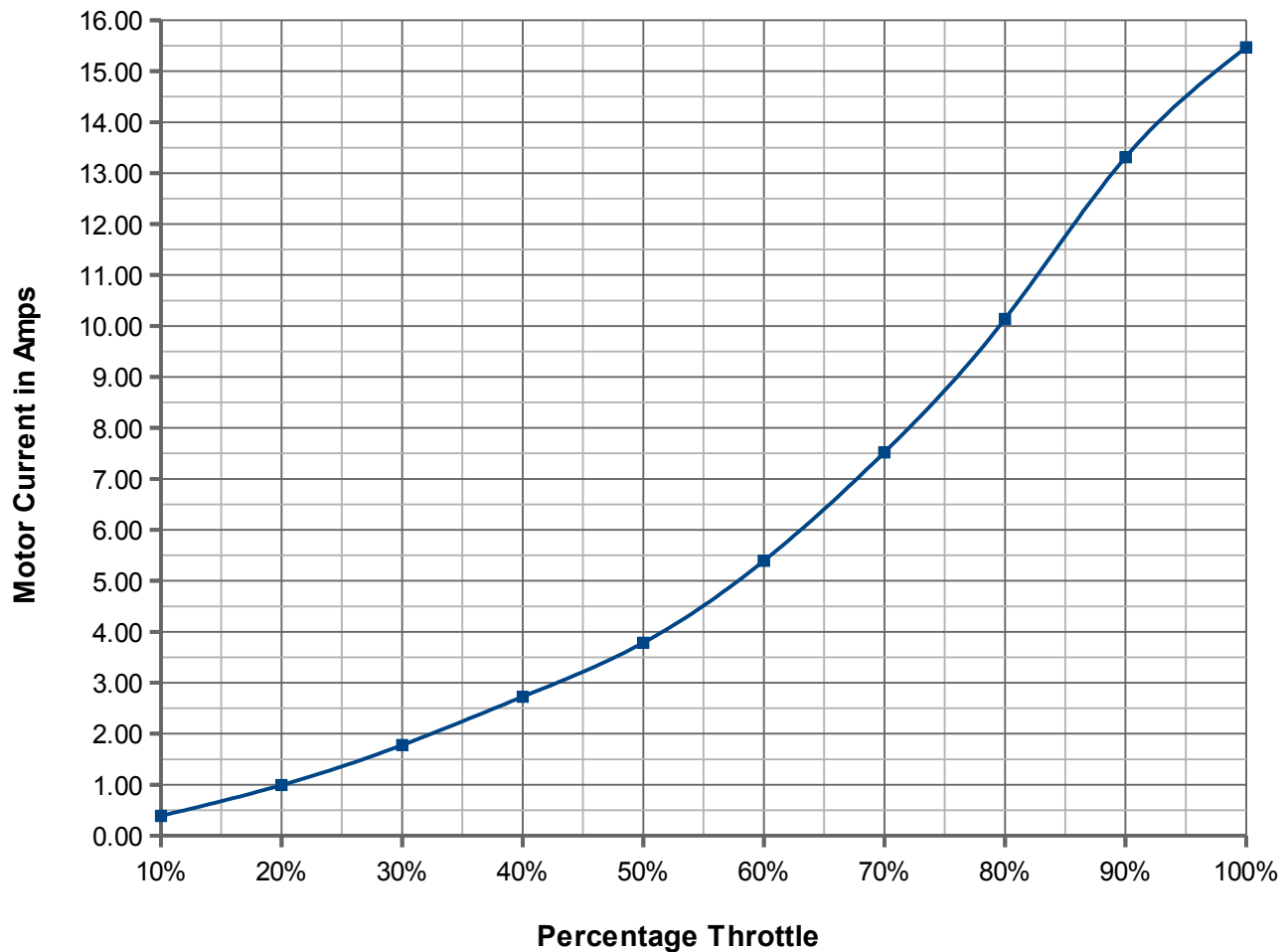


Cobra CM-2208/20 Motor Test Data, Kv=2000

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%	0.39	4.32	3,842	37.5	1.32	8.68
20%	0.99	11.01	6,015	91.8	3.24	8.34
30%	1.78	19.74	7,627	144.3	5.09	7.31
40%	2.73	30.26	9,021	203.4	7.17	6.72
50%	3.79	42.01	10,231	264.1	9.31	6.29
60%	5.39	59.85	11,698	343.6	12.11	5.74
70%	7.52	83.48	13,189	436.5	15.38	5.23
80%	10.14	112.54	14,610	541.7	19.09	4.81
90%	13.31	147.75	16,058	654.0	23.05	4.43
100%	15.47	171.71	16,792	720.9	25.41	4.20

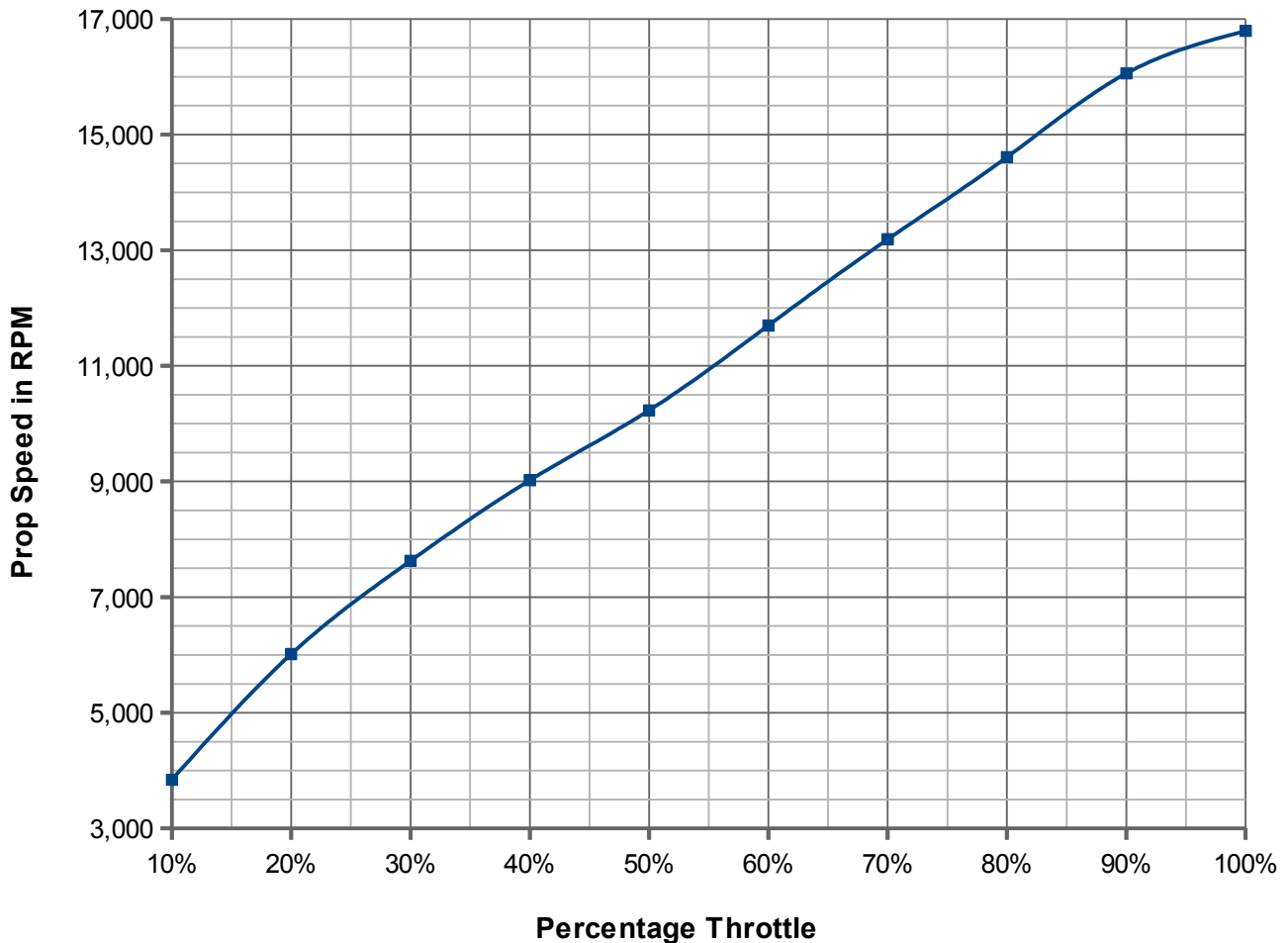
Motor Current vs Throttle Position



Cobra CM-2208/20 Motor Test Data, Kv=2000

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%	0.39	4.32	3,842	37.5	1.32	8.68
20%	0.99	11.01	6,015	91.8	3.24	8.34
30%	1.78	19.74	7,627	144.3	5.09	7.31
40%	2.73	30.26	9,021	203.4	7.17	6.72
50%	3.79	42.01	10,231	264.1	9.31	6.29
60%	5.39	59.85	11,698	343.6	12.11	5.74
70%	7.52	83.48	13,189	436.5	15.38	5.23
80%	10.14	112.54	14,610	541.7	19.09	4.81
90%	13.31	147.75	16,058	654.0	23.05	4.43
100%	15.47	171.71	16,792	720.9	25.41	4.20

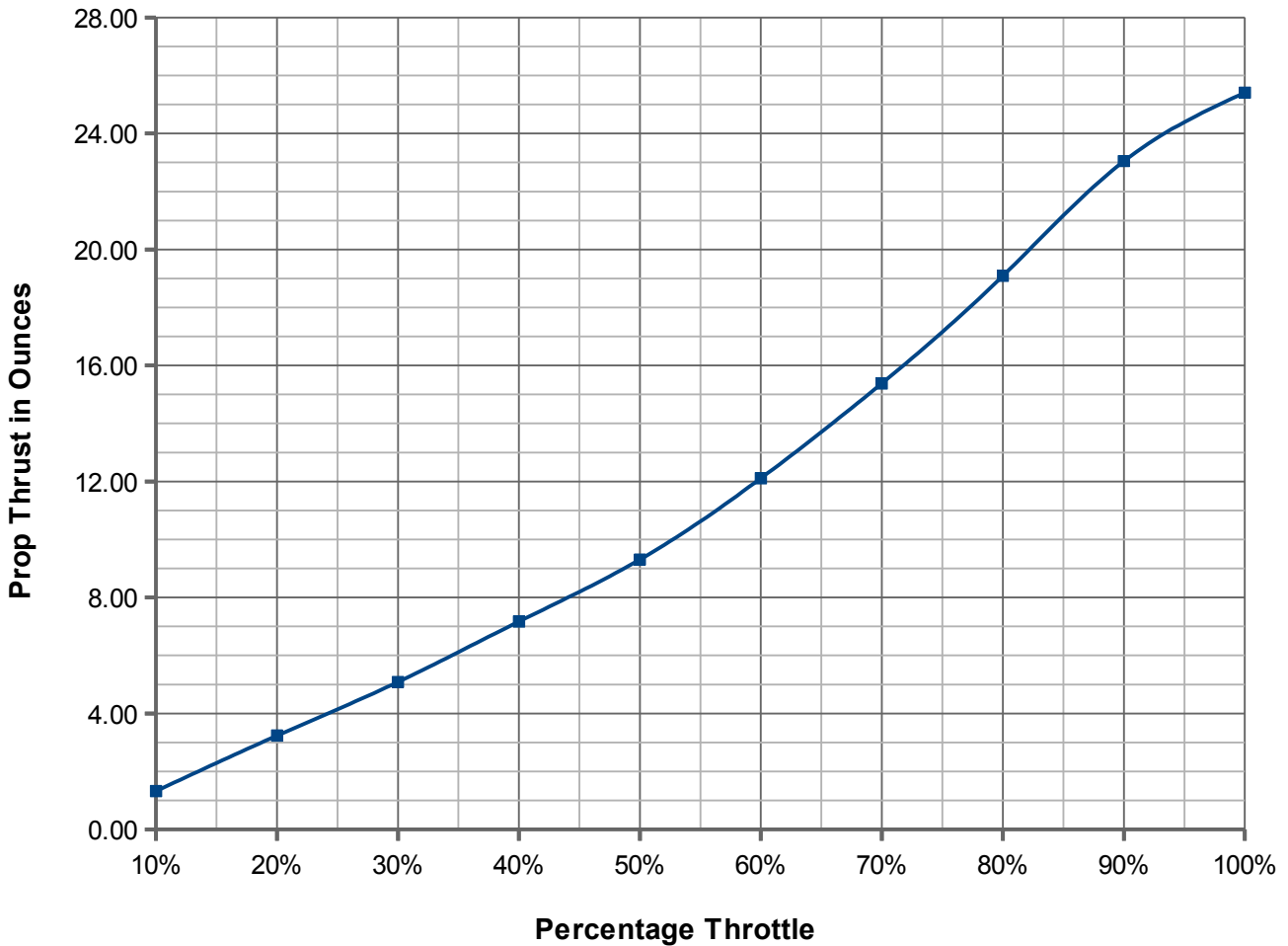
Propeller RPM vs Throttle Position



Cobra CM-2208/20 Motor Test Data, Kv=2000

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%	0.39	4.32	3,842	37.5	1.32	8.68
20%	0.99	11.01	6,015	91.8	3.24	8.34
30%	1.78	19.74	7,627	144.3	5.09	7.31
40%	2.73	30.26	9,021	203.4	7.17	6.72
50%	3.79	42.01	10,231	264.1	9.31	6.29
60%	5.39	59.85	11,698	343.6	12.11	5.74
70%	7.52	83.48	13,189	436.5	15.38	5.23
80%	10.14	112.54	14,610	541.7	19.09	4.81
90%	13.31	147.75	16,058	654.0	23.05	4.43
100%	15.47	171.71	16,792	720.9	25.41	4.20

Propeller Thrust vs Throttle Position



Cobra CM-2208/20 Motor Test Data, Kv=2000

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%	0.39	4.32	3,842	37.5	1.32	8.68
20%	0.99	11.01	6,015	91.8	3.24	8.34
30%	1.78	19.74	7,627	144.3	5.09	7.31
40%	2.73	30.26	9,021	203.4	7.17	6.72
50%	3.79	42.01	10,231	264.1	9.31	6.29
60%	5.39	59.85	11,698	343.6	12.11	5.74
70%	7.52	83.48	13,189	436.5	15.38	5.23
80%	10.14	112.54	14,610	541.7	19.09	4.81
90%	13.31	147.75	16,058	654.0	23.05	4.43
100%	15.47	171.71	16,792	720.9	25.41	4.20

Propeller Efficiency vs Throttle Position

