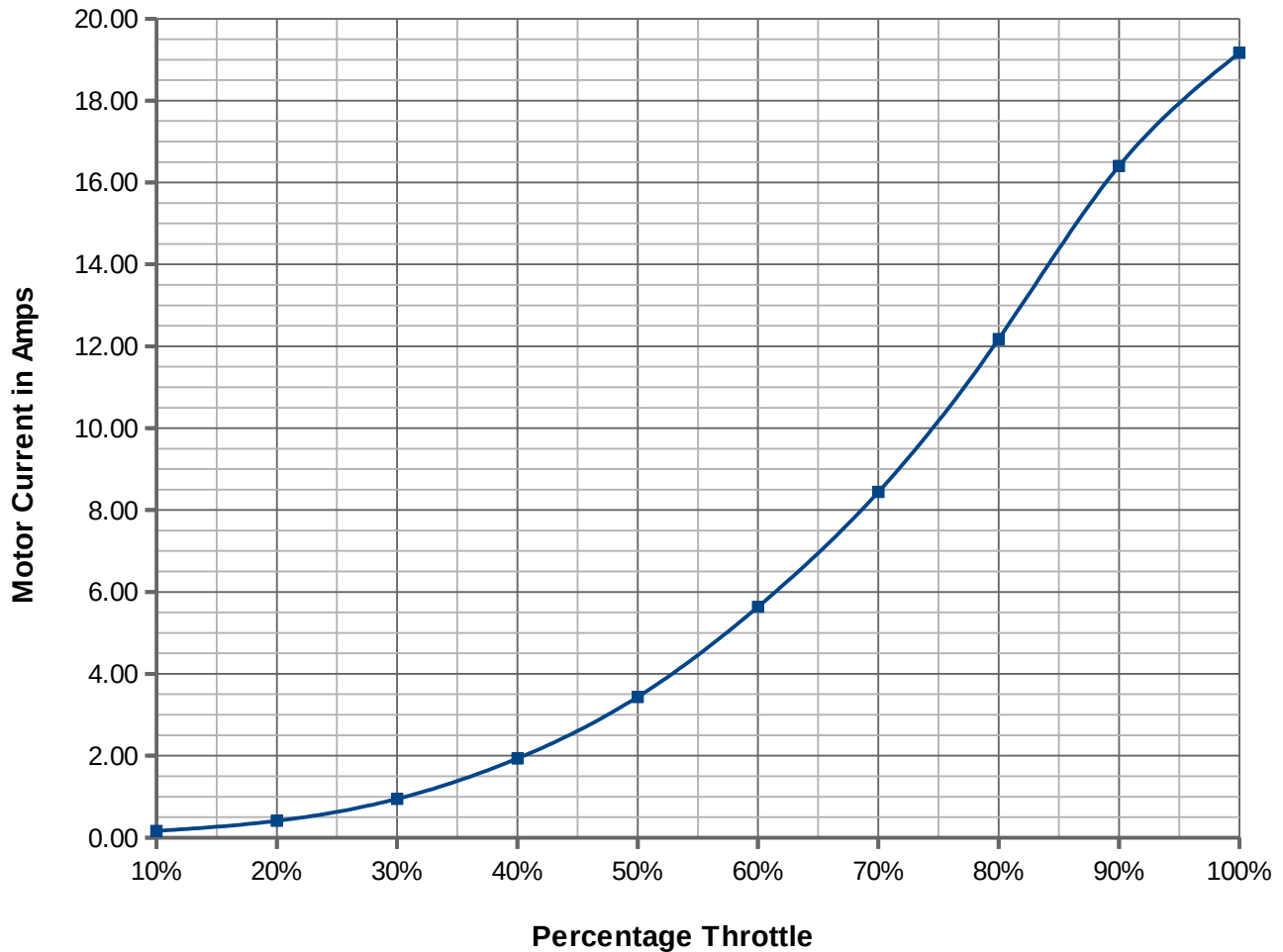


Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 11.1 volts with RC-Timer 14x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.16	1.82	718	28.7	1.01	15.77
20%	0.41	4.55	1,228	74.5	2.63	16.37
30%	0.95	10.52	1,798	154.4	5.44	14.67
40%	1.93	21.46	2,365	269.5	9.50	12.56
50%	3.44	38.15	2,874	413.4	14.57	10.84
60%	5.64	62.57	3,377	596.5	21.02	9.53
70%	8.44	93.70	3,861	776.2	27.36	8.28
80%	12.18	135.16	4,275	996.9	35.13	7.38
90%	16.40	182.06	4,659	1196.1	42.15	6.57
100%	19.16	212.72	4,879	1302.2	45.89	6.12

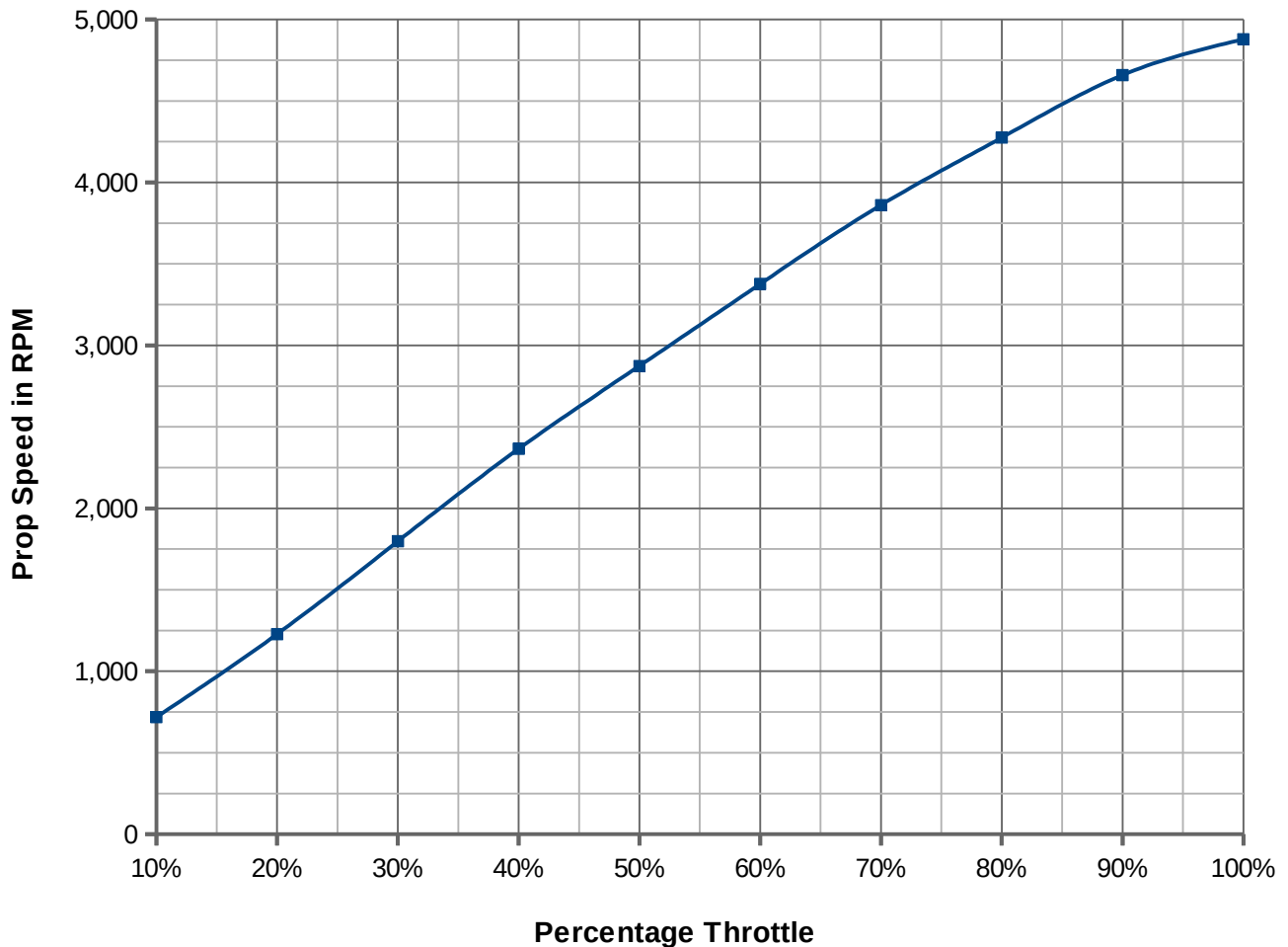
Motor Current vs Throttle Position



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

Data Collected at 11.1 volts with RC-Timer 14x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.16	1.82	718	28.7	1.01	15.77
20%	0.41	4.55	1,228	74.5	2.63	16.37
30%	0.95	10.52	1,798	154.4	5.44	14.67
40%	1.93	21.46	2,365	269.5	9.50	12.56
50%	3.44	38.15	2,874	413.4	14.57	10.84
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70%	8.44	93.70	3,861	776.2	27.36	8.28
80%	12.18	135.16	4,275	996.9	35.13	7.38
90%	16.40	182.06	4,659	1196.1	42.15	6.57
100%	19.16	212.72	4,879	1302.2	45.89	6.12

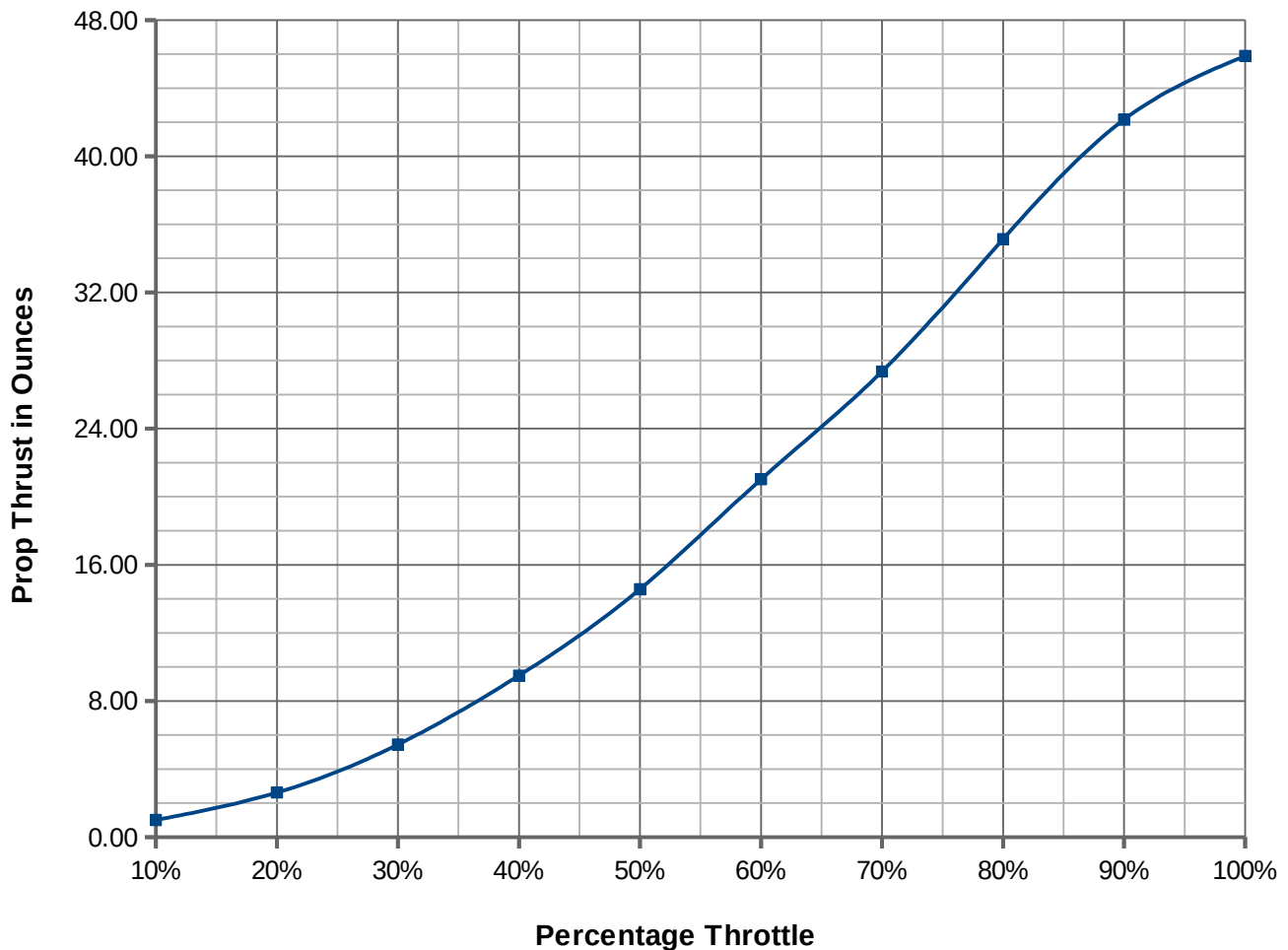
Propeller RPM vs Throttle Position



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

Data Collected at 11.1 volts with RC-Timer 14x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.16	1.82	718	28.7	1.01	15.77
20%	0.41	4.55	1,228	74.5	2.63	16.37
30%	0.95	10.52	1,798	154.4	5.44	14.67
40%	1.93	21.46	2,365	269.5	9.50	12.56
50%	3.44	38.15	2,874	413.4	14.57	10.84
60%	5.64	62.57	3,377	596.5	21.02	9.53
70%	8.44	93.70	3,861	776.2	27.36	8.28
80%	12.18	135.16	4,275	996.9	35.13	7.38
90%	16.40	182.06	4,659	1196.1	42.15	6.57
100%	19.16	212.72	4,879	1302.2	45.89	6.12

Propeller Thrust vs Throttle Position



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

Data Collected at 11.1 volts with RC-Timer 14x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.16	1.82	718	28.7	1.01	15.77
20%	0.41	4.55	1,228	74.5	2.63	16.37
30%	0.95	10.52	1,798	154.4	5.44	14.67
40%	1.93	21.46	2,365	269.5	9.50	12.56
50%	3.44	38.15	2,874	413.4	14.57	10.84
60%	5.64	62.57	3,377	596.5	21.02	9.53
70%	8.44	93.70	3,861	776.2	27.36	8.28
80%	12.18	135.16	4,275	996.9	35.13	7.38
90%	16.40	182.06	4,659	1196.1	42.15	6.57
100%	19.16	212.72	4,879	1302.2	45.89	6.12

Propeller Efficiency vs Throttle Position

