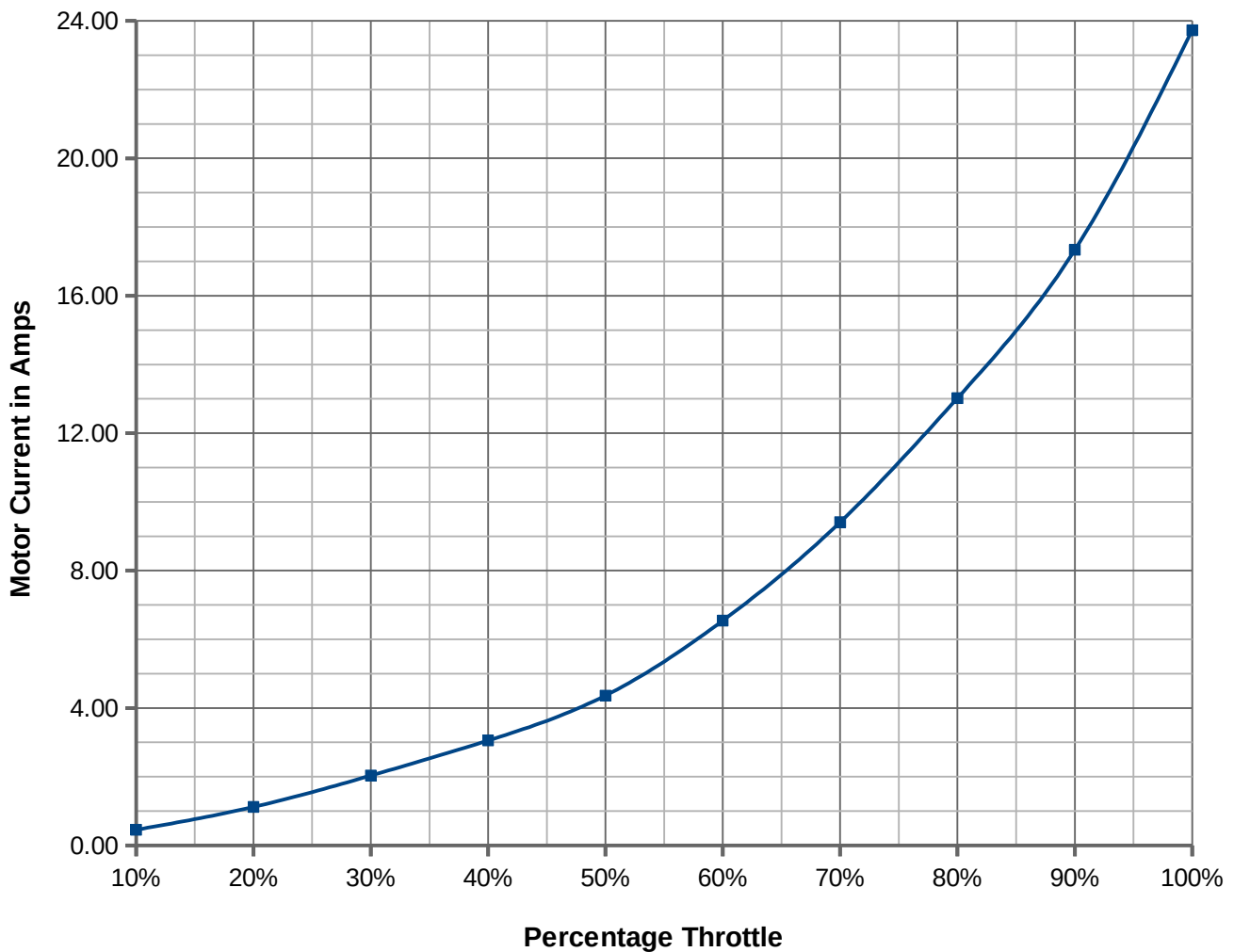


Cobra CM-2205-2300 Champion Motor Test Data

Data Collected at 11.1 volts with APC 5x4x3-FPV Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.46	5.06	3,933	32.0	1.13	6.32
20%	1.12	12.44	6,172	78.6	2.77	6.32
30%	2.04	22.59	7,941	130.3	4.60	5.77
40%	3.06	33.91	9,361	182.2	6.43	5.37
50%	4.36	48.44	10,742	240.0	8.47	4.95
60%	6.55	72.65	12,371	328.0	11.57	4.51
70%	9.41	104.42	14,149	424.9	14.99	4.07
80%	13.02	144.53	15,849	534.4	18.85	3.70
90%	17.34	192.42	17,458	651.4	22.98	3.39
100%	23.73	263.37	19,155	803.1	28.33	3.05

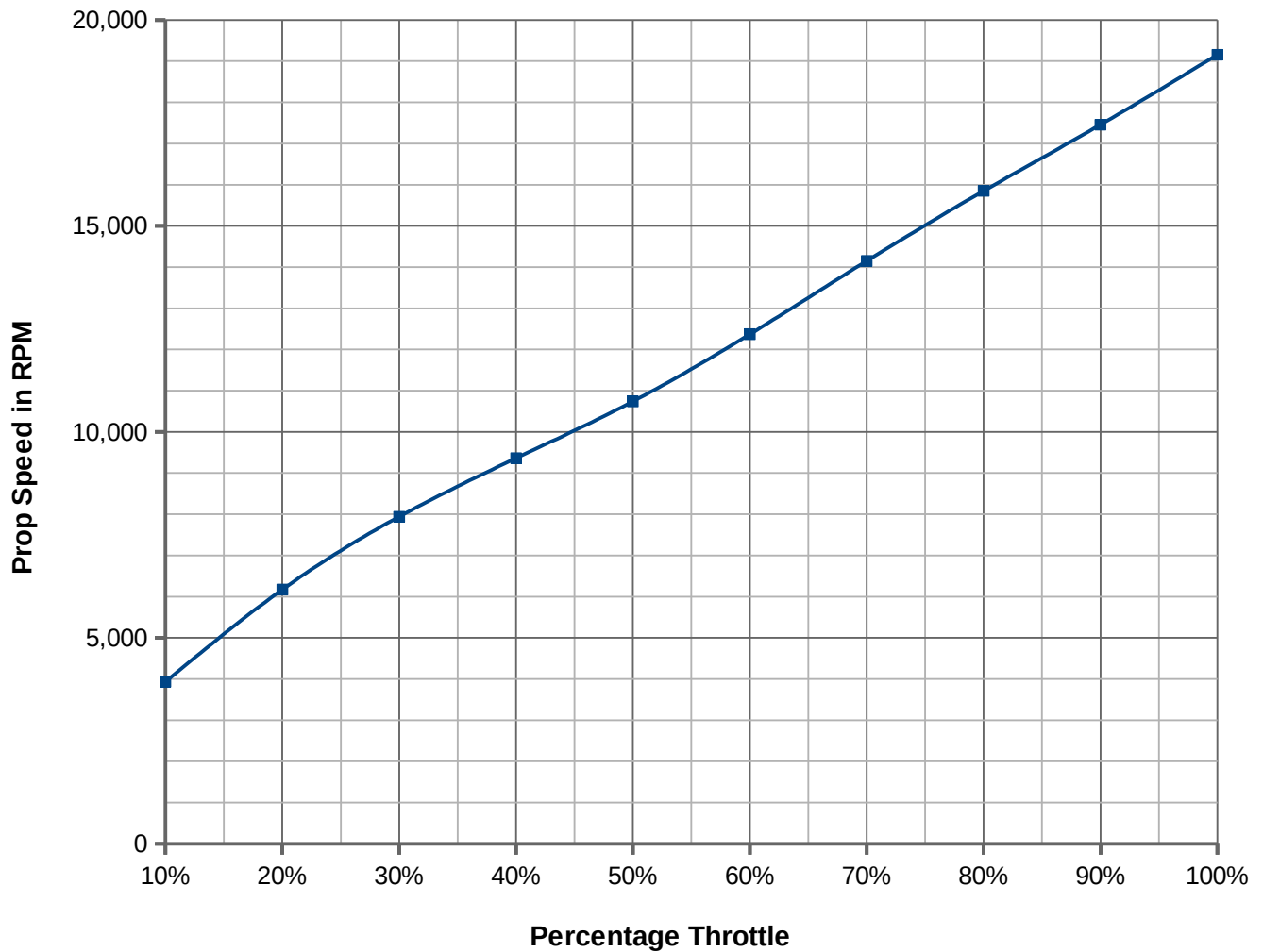
Motor Current vs Throttle Position



Cobra CM-2205-2300 Champion Motor Test Data

Data Collected at 11.1 volts with APC 5x4x3-FPV Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.46	5.06	3,933	32.0	1.13	6.32
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100%	23.73	263.37	19,155	803.1	28.33	3.05

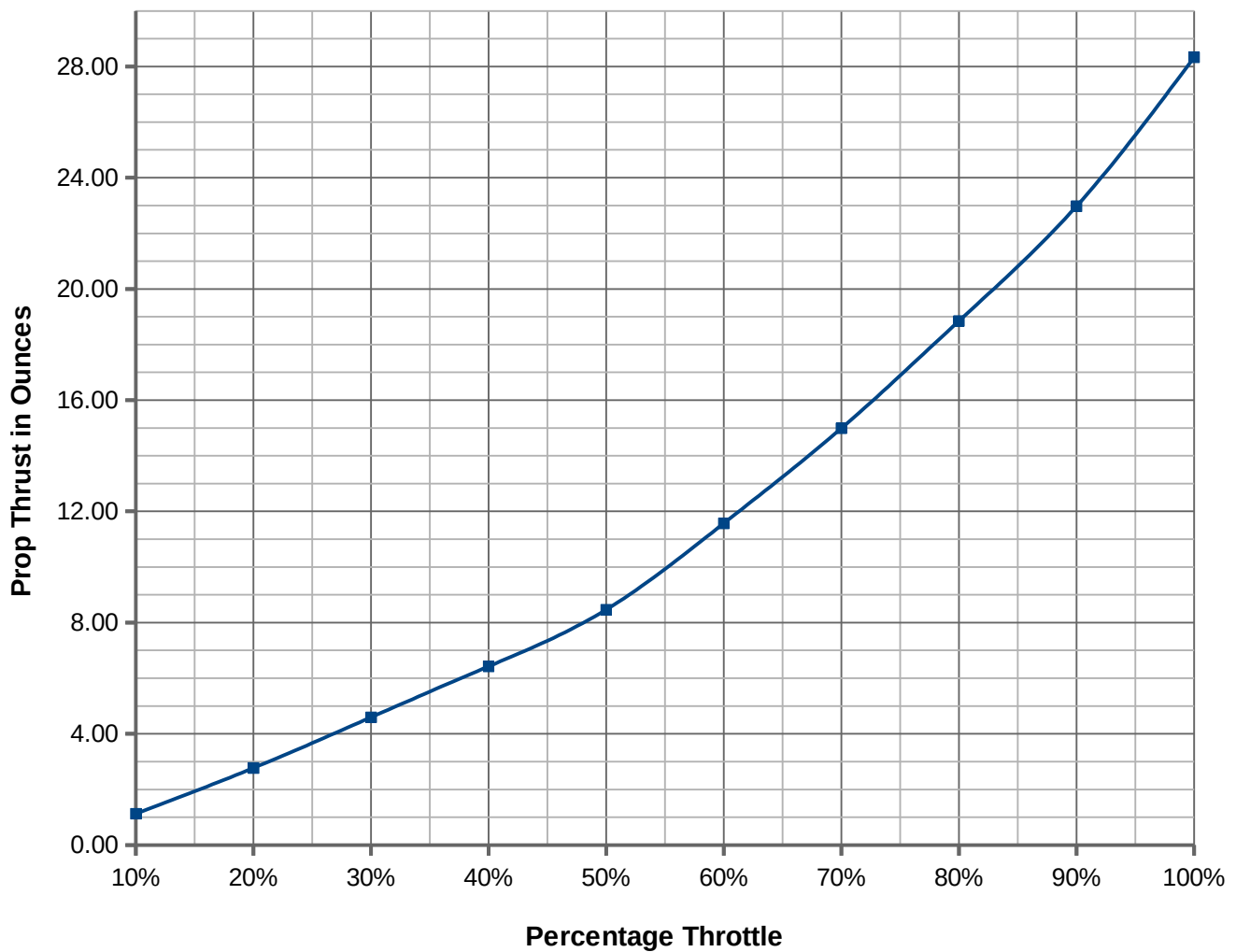
Propeller RPM vs Throttle Position



Cobra CM-2205-2300 Champion Motor Test Data

Data Collected at 11.1 volts with APC 5x4x3-FPV Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.46	5.06	3,933	32.0	1.13	6.32
20%	1.12	12.44	6,172	78.6	2.77	6.32
30%	2.04	22.59	7,941	130.3	4.60	5.77
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80%	13.02	144.53	15,849	534.4	18.85	3.70
90%	17.34	192.42	17,458	651.4	22.98	3.39
100%	23.73	263.37	19,155	803.1	28.33	3.05

Propeller Thrust vs Throttle Position



Cobra CM-2205-2300 Champion Motor Test Data

Data Collected at 11.1 volts with APC 5x4x3-FPV Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.46	5.06	3,933	32.0	1.13	6.32
20%	1.12	12.44	6,172	78.6	2.77	6.32
30%	2.04	22.59	7,941	130.3	4.60	5.77
40%	3.06	33.91	9,361	182.2	6.43	5.37
50%	4.36	48.44	10,742	240.0	8.47	4.95
60%	6.55	72.65	12,371	328.0	11.57	4.51
70%	9.41	104.42	14,149	424.9	14.99	4.07
80%	13.02	144.53	15,849	534.4	18.85	3.70
90%	17.34	192.42	17,458	651.4	22.98	3.39
100%	23.73	263.37	19,155	803.1	28.33	3.05

Propeller Efficiency vs Throttle Position

