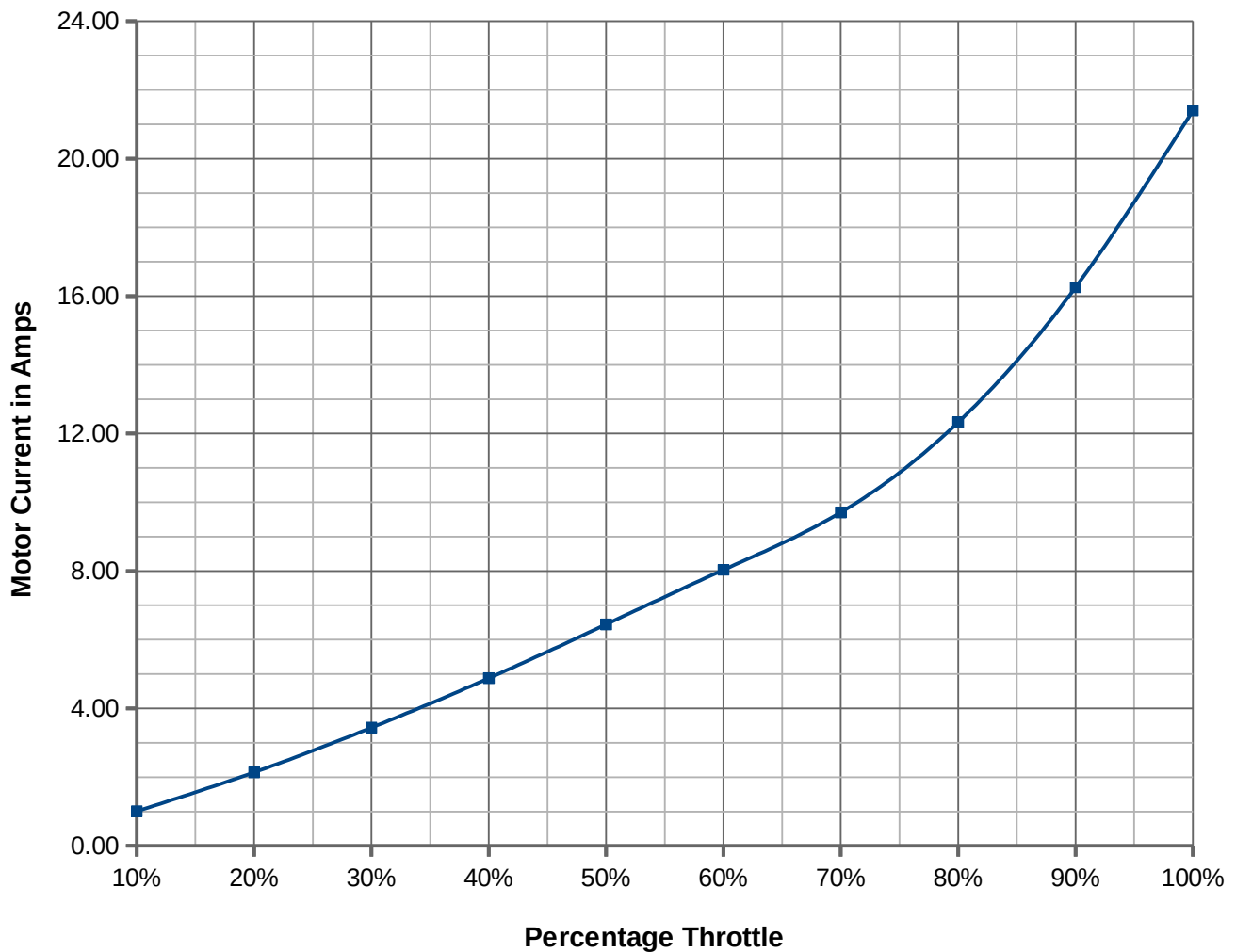


Cobra CM-2206-17 Motor Test Data, Kv=2400

Data Collected at 22.2 volts with HQ 4x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	1.01	22.33	12,858	74.1	2.61	3.32
20%	2.14	47.51	18,331	153.5	5.41	3.23
30%	3.44	76.37	22,362	230.0	8.11	3.01
40%	4.88	108.31	25,673	303.7	10.71	2.80
50%	6.45	143.08	28,545	378.5	13.35	2.65
60%	8.03	178.31	31,109	448.6	15.82	2.52
70%	9.70	215.43	33,493	515.4	18.18	2.39
80%	12.33	273.68	36,591	619.7	21.86	2.26
90%	16.26	360.93	40,097	756.9	26.70	2.10
100%	21.40	475.12	43,860	906.9	31.99	1.91

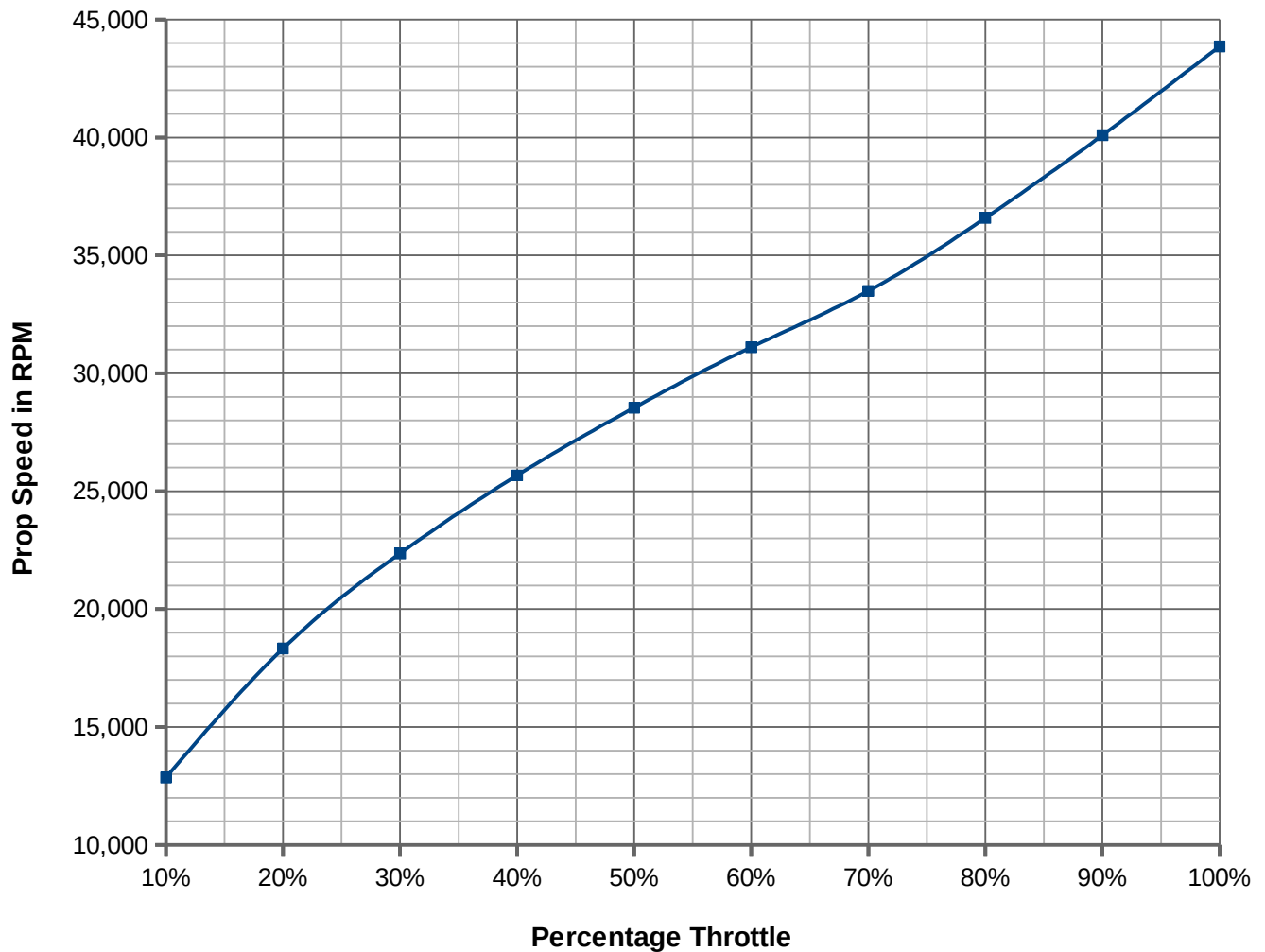
Motor Current vs Throttle Position



Cobra CM-2206-17 Motor Test Data, Kv=2400

Data Collected at 22.2 volts with HQ 4x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	1.01	22.33	12,858	74.1	2.61	3.32
20%	2.14	47.51	18,331	153.5	5.41	3.23
30%	3.44	76.37	22,362	230.0	8.11	3.01
40%	4.88	108.31	25,673	303.7	10.71	2.80
50%	6.45	143.08	28,545	378.5	13.35	2.65
60%	8.03	178.31	31,109	448.6	15.82	2.52
70%	9.70	215.43	33,493	515.4	18.18	2.39
80%	12.33	273.68	36,591	619.7	21.86	2.26
90%	16.26	360.93	40,097	756.9	26.70	2.10
100%	21.40	475.12	43,860	906.9	31.99	1.91

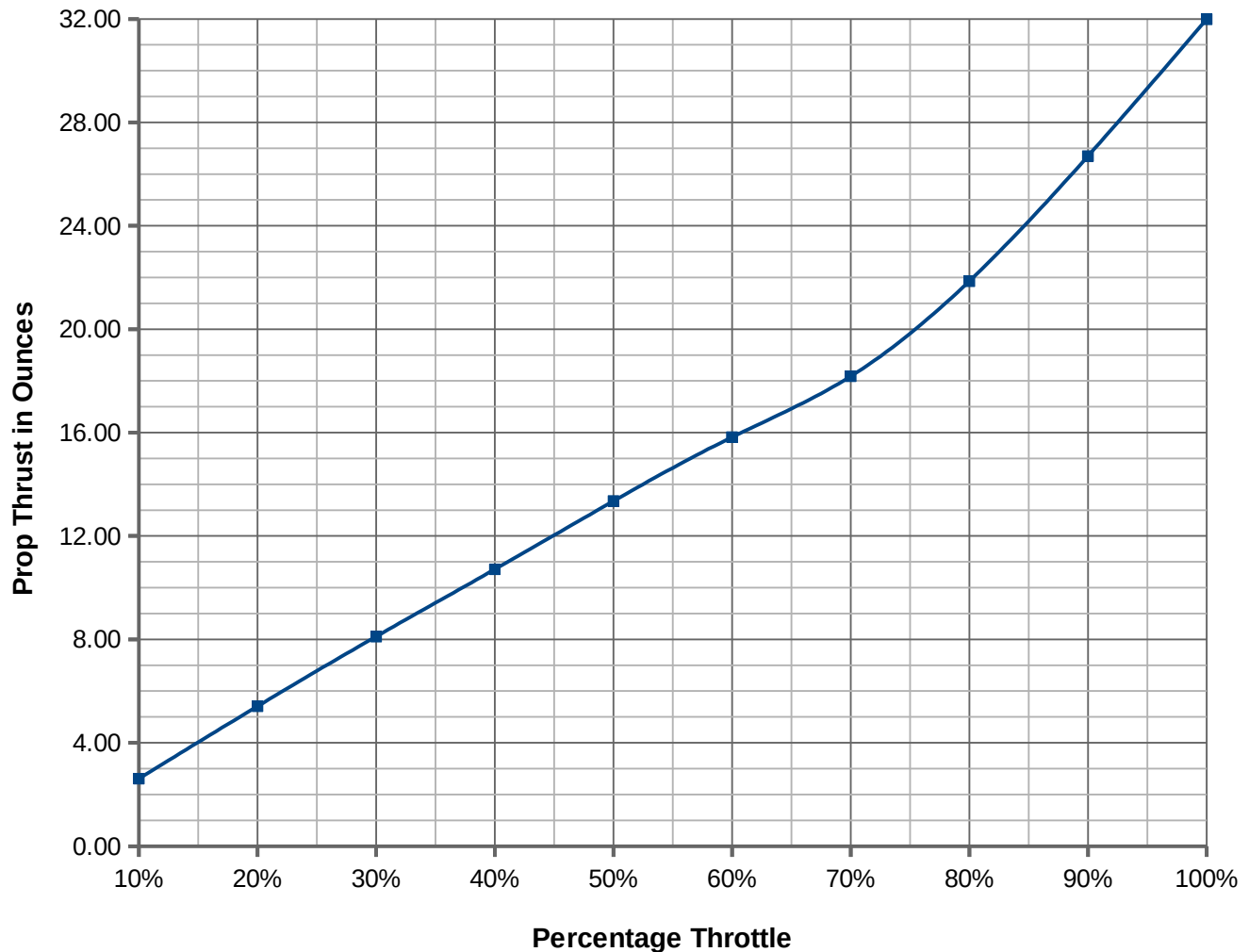
Propeller RPM vs Throttle Position



Cobra CM-2206-17 Motor Test Data, Kv=2400

Data Collected at 22.2 volts with HQ 4x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	1.01	22.33	12,858	74.1	2.61	3.32
20%	2.14	47.51	18,331	153.5	5.41	3.23
30%	3.44	76.37	22,362	230.0	8.11	3.01
40%	4.88	108.31	25,673	303.7	10.71	2.80
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60%	8.03	178.31	31,109	448.6	15.82	2.52
70%	9.70	215.43	33,493	515.4	18.18	2.39
80%	12.33	273.68	36,591	619.7	21.86	2.26
90%	16.26	360.93	40,097	756.9	26.70	2.10
100%	21.40	475.12	43,860	906.9	31.99	1.91

Propeller Thrust vs Throttle Position



Cobra CM-2206-17 Motor Test Data, Kv=2400

Data Collected at 22.2 volts with HQ 4x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	1.01	22.33	12,858	74.1	2.61	3.32
20%	2.14	47.51	18,331	153.5	5.41	3.23
30%	3.44	76.37	22,362	230.0	8.11	3.01
40%	4.88	108.31	25,673	303.7	10.71	2.80
50%	6.45	143.08	28,545	378.5	13.35	2.65
60%	8.03	178.31	31,109	448.6	15.82	2.52
70%	9.70	215.43	33,493	515.4	18.18	2.39
80%	12.33	273.68	36,591	619.7	21.86	2.26
90%	16.26	360.93	40,097	756.9	26.70	2.10
100%	21.40	475.12	43,860	906.9	31.99	1.91

Propeller Efficiency vs Throttle Position

