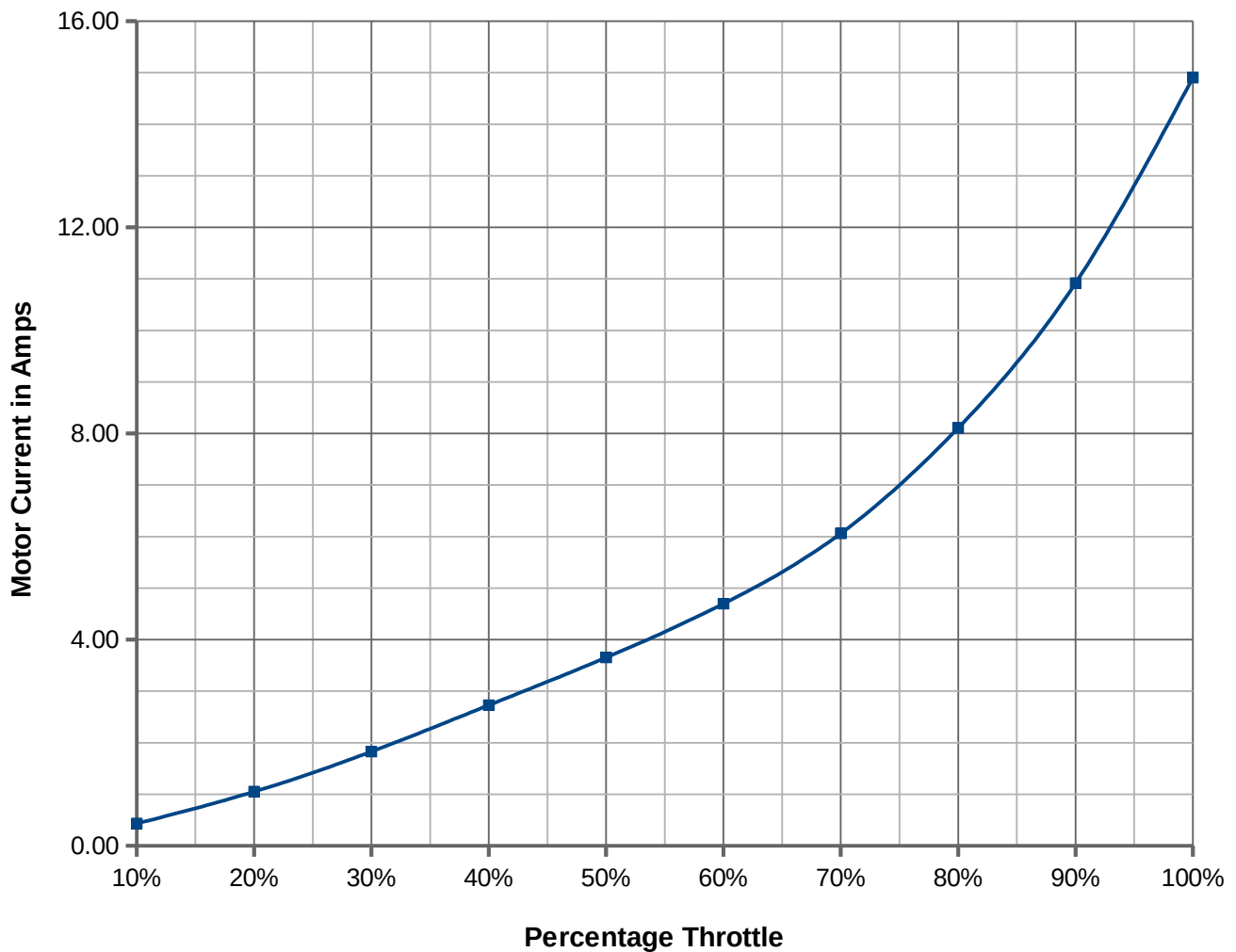


Cobra CM-2206-17 Motor Test Data, Kv=2400

Data Collected at 11.1 volts with HQ 5x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.43	4.80	4,858	26.0	0.92	5.42
20%	1.05	11.67	7,894	69.3	2.44	5.94
30%	1.83	20.30	10,083	116.9	4.12	5.76
40%	2.73	30.29	11,880	163.3	5.76	5.39
50%	3.65	40.56	13,368	208.7	7.36	5.15
60%	4.70	52.14	14,761	256.1	9.03	4.91
70%	6.06	67.28	16,369	315.5	11.13	4.69
80%	8.11	90.00	18,282	396.1	13.97	4.40
90%	10.92	121.21	20,331	492.7	17.38	4.06
100%	14.91	165.45	22,690	618.2	21.81	3.74

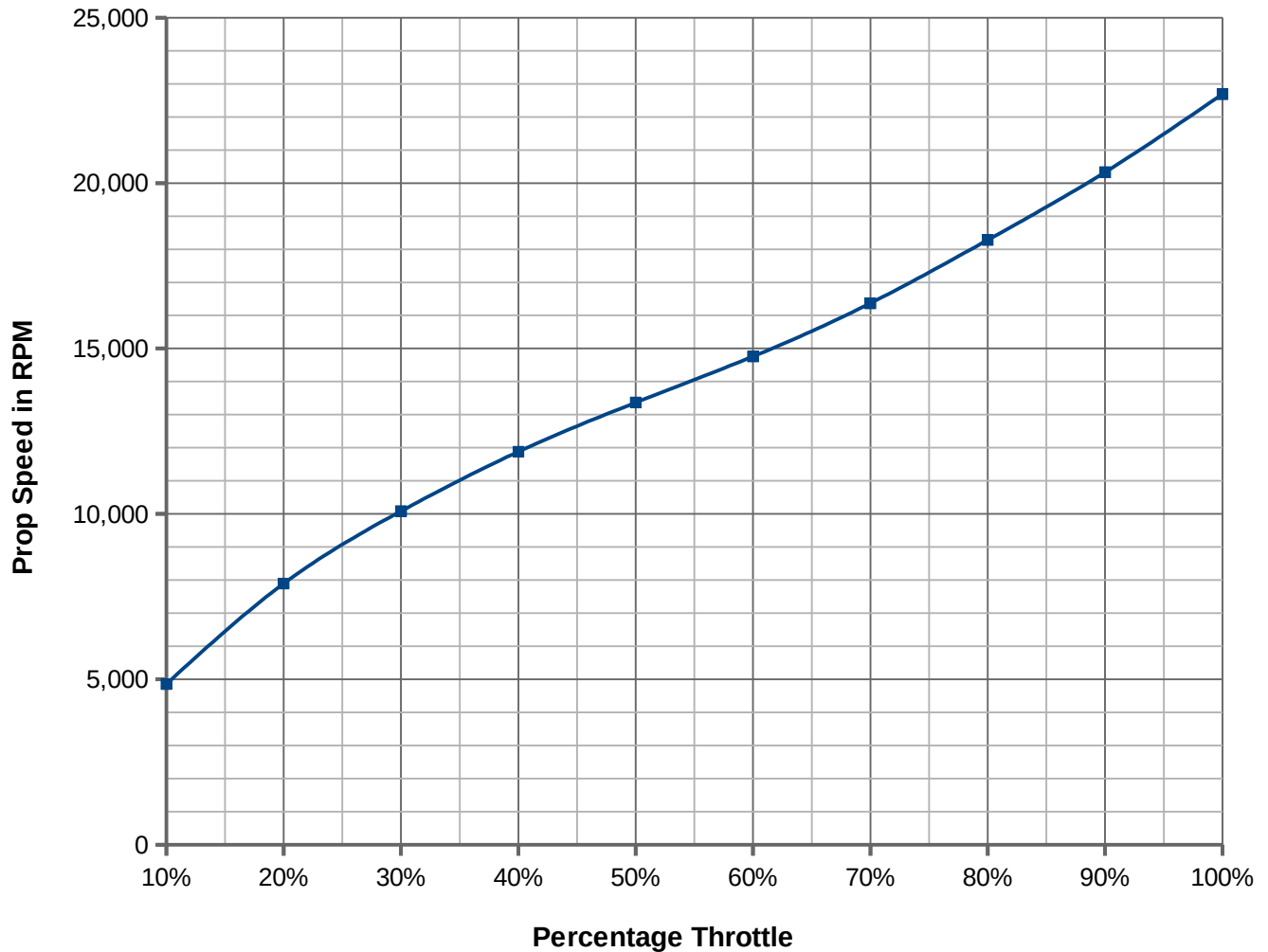
Motor Current vs Throttle Position



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

Data Collected at 11.1 volts with HQ 5x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.43	4.80	4,858	26.0	0.92	5.42
20%	1.05	11.67	7,894	69.3	2.44	5.94
30%	1.83	20.30	10,083	116.9	4.12	5.76
40%	2.73	30.29	11,880	163.3	5.76	5.39
50%	3.65	40.56	13,368	208.7	7.36	5.15
60%	4.70	52.14	14,761	256.1	9.03	4.91
70%	6.06	67.28	16,369	315.5	11.13	4.69
80%	8.11	90.00	18,282	396.1	13.97	4.40
90%	10.92	121.21	20,331	492.7	17.38	4.06
100%	14.91	165.45	22,690	618.2	21.81	3.74

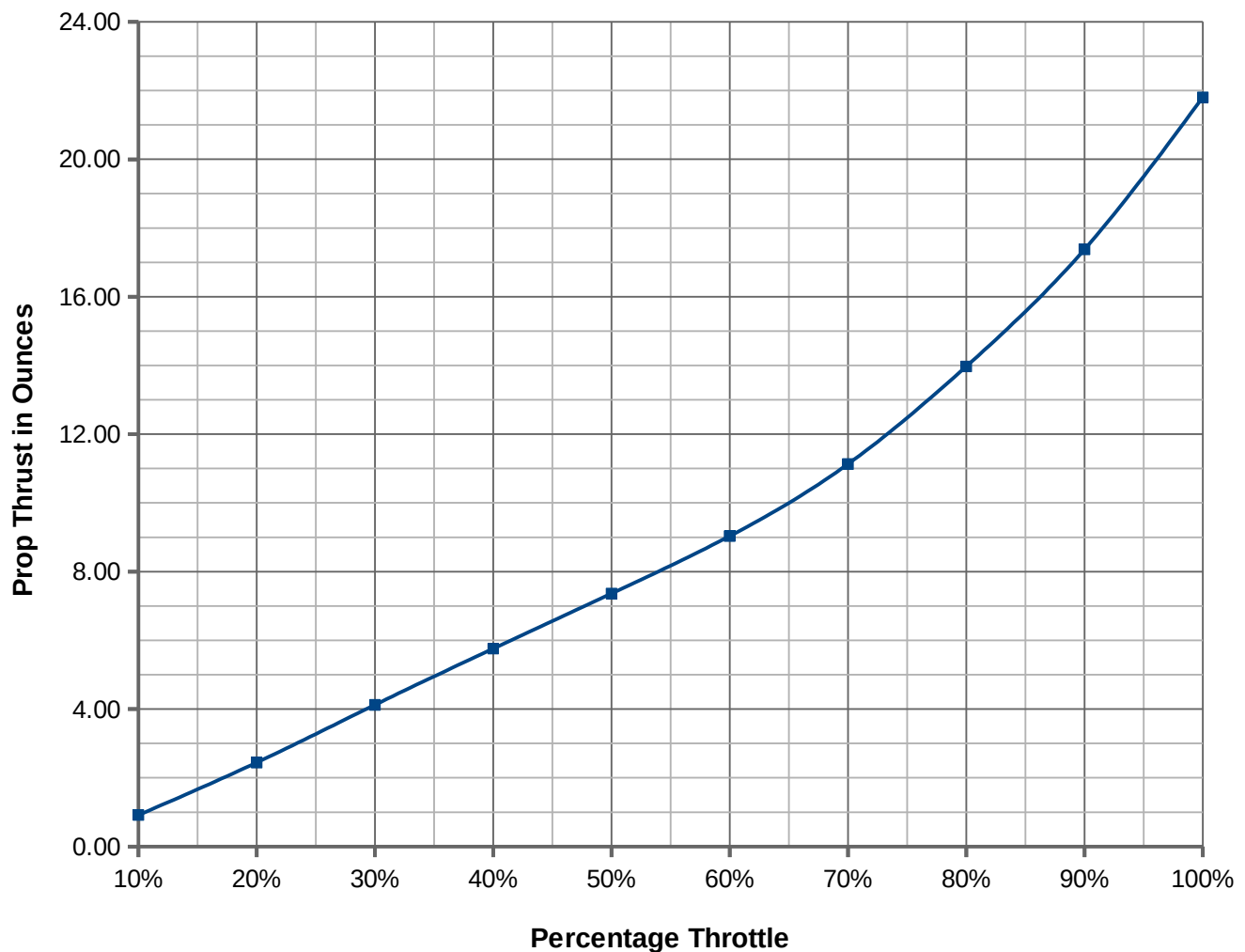
Propeller RPM vs Throttle Position



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

Data Collected at 11.1 volts with HQ 5x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.43	4.80	4,858	26.0	0.92	5.42
20%	1.05	11.67	7,894	69.3	2.44	5.94
30%	1.83	20.30	10,083	116.9	4.12	5.76
40%	2.73	30.29	11,880	163.3	5.76	5.39
50%	3.65	40.56	13,368	208.7	7.36	5.15
60%	4.70	52.14	14,761	256.1	9.03	4.91
70%	6.06	67.28	16,369	315.5	11.13	4.69
80%	8.11	90.00	18,282	396.1	13.97	4.40
90%	10.92	121.21	20,331	492.7	17.38	4.06
100%	14.91	165.45	22,690	618.2	21.81	3.74

Propeller Thrust vs Throttle Position



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

Data Collected at 11.1 volts with HQ 5x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.43	4.80	4,858	26.0	0.92	5.42
20%	1.05	11.67	7,894	69.3	2.44	5.94
30%	1.83	20.30	10,083	116.9	4.12	5.76
40%	2.73	30.29	11,880	163.3	5.76	5.39
50%	3.65	40.56	13,368	208.7	7.36	5.15
60%	4.70	52.14	14,761	256.1	9.03	4.91
70%	6.06	67.28	16,369	315.5	11.13	4.69
80%	8.11	90.00	18,282	396.1	13.97	4.40
90%	10.92	121.21	20,331	492.7	17.38	4.06
100%	14.91	165.45	22,690	618.2	21.81	3.74

Propeller Efficiency vs Throttle Position

