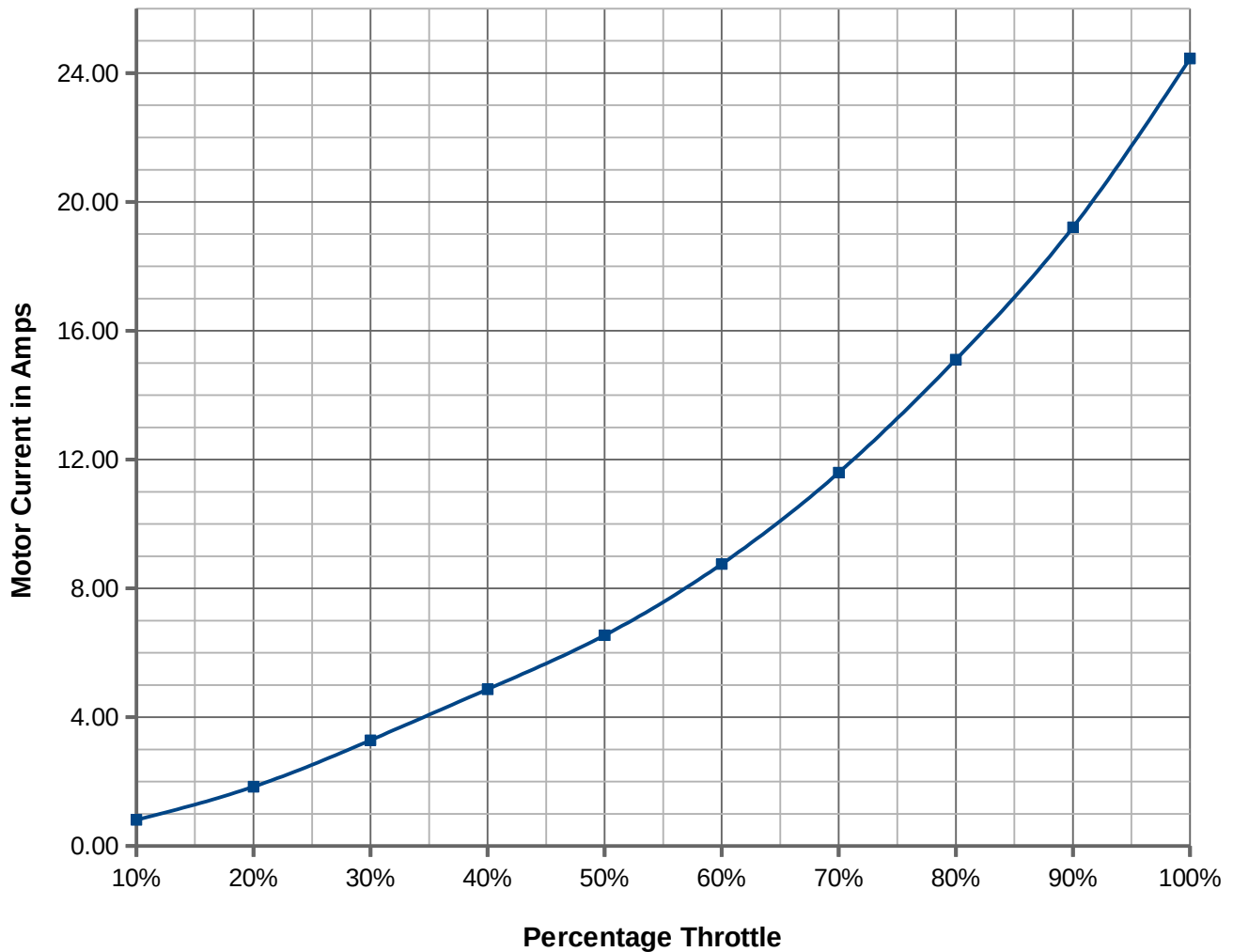


Cobra CM-2206-17 Motor Test Data, Kv=2400

Data Collected at 18.5 volts with HQ 4x4x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.81	15.04	8,011	62.3	2.20	4.14
20%	1.84	34.08	11,723	134.8	4.75	3.96
30%	3.29	60.81	15,045	218.2	7.70	3.59
40%	4.87	90.08	17,808	302.7	10.68	3.36
50%	6.55	121.10	20,222	382.6	13.50	3.16
60%	8.76	162.00	22,809	471.8	16.64	2.91
70%	11.60	214.51	25,714	600.0	21.16	2.80
80%	15.11	279.44	28,807	742.4	26.19	2.66
90%	19.21	355.44	31,886	886.8	31.28	2.49
100%	24.45	452.38	35,178	1062.2	37.47	2.35

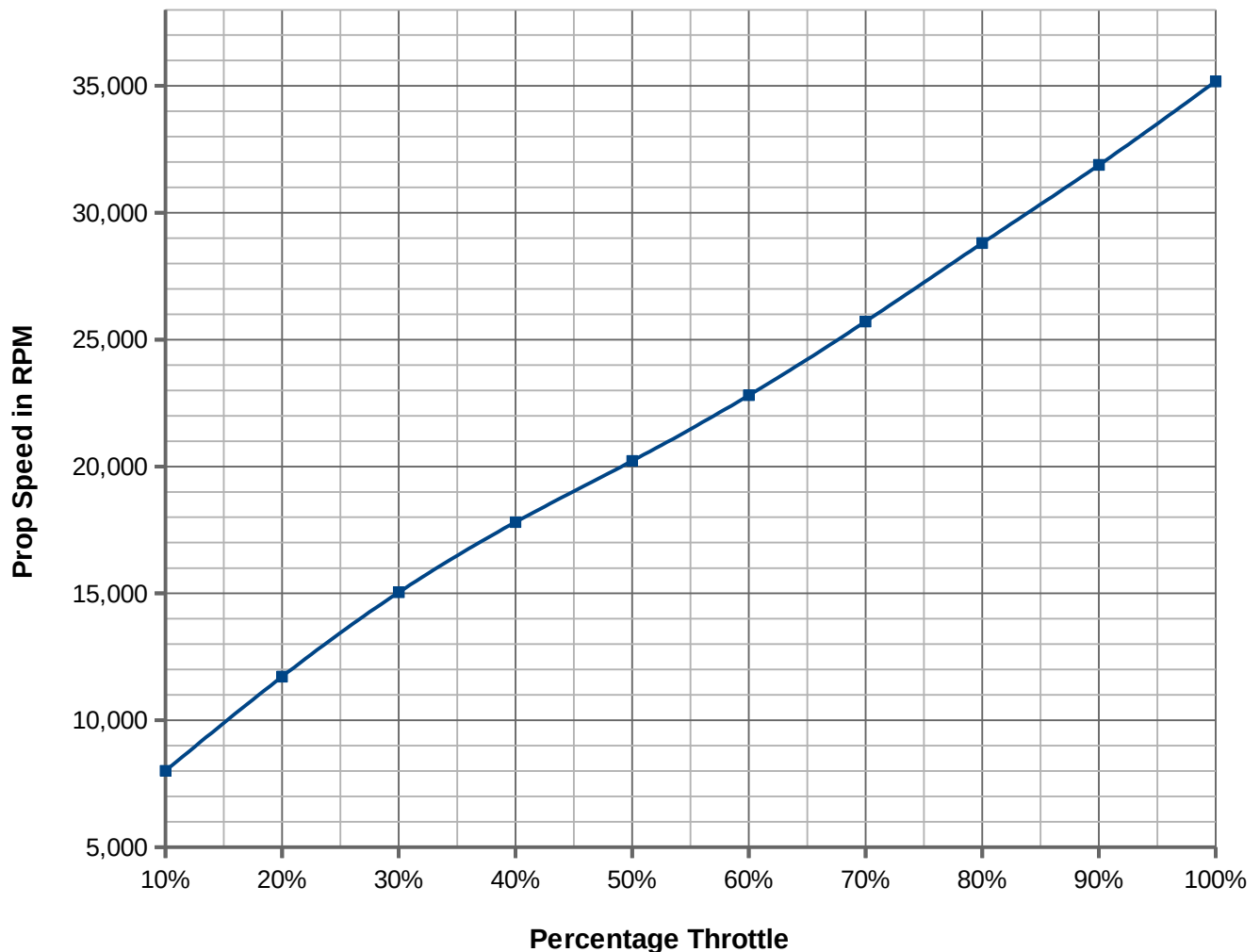
Motor Current vs Throttle Position



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

Data Collected at 18.5 volts with HQ 4x4x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.81	15.04	8,011	62.3	2.20	4.14
20%	1.84	34.08	11,723	134.8	4.75	3.96
30%	3.29	60.81	15,045	218.2	7.70	3.59
40%	4.87	90.08	17,808	302.7	10.68	3.36
50%	6.55	121.10	20,222	382.6	13.50	3.16
60%	8.76	162.00	22,809	471.8	16.64	2.91
70%	11.60	214.51	25,714	600.0	21.16	2.80
80%	15.11	279.44	28,807	742.4	26.19	2.66
90%	19.21	355.44	31,886	886.8	31.28	2.49
100%	24.45	452.38	35,178	1062.2	37.47	2.35

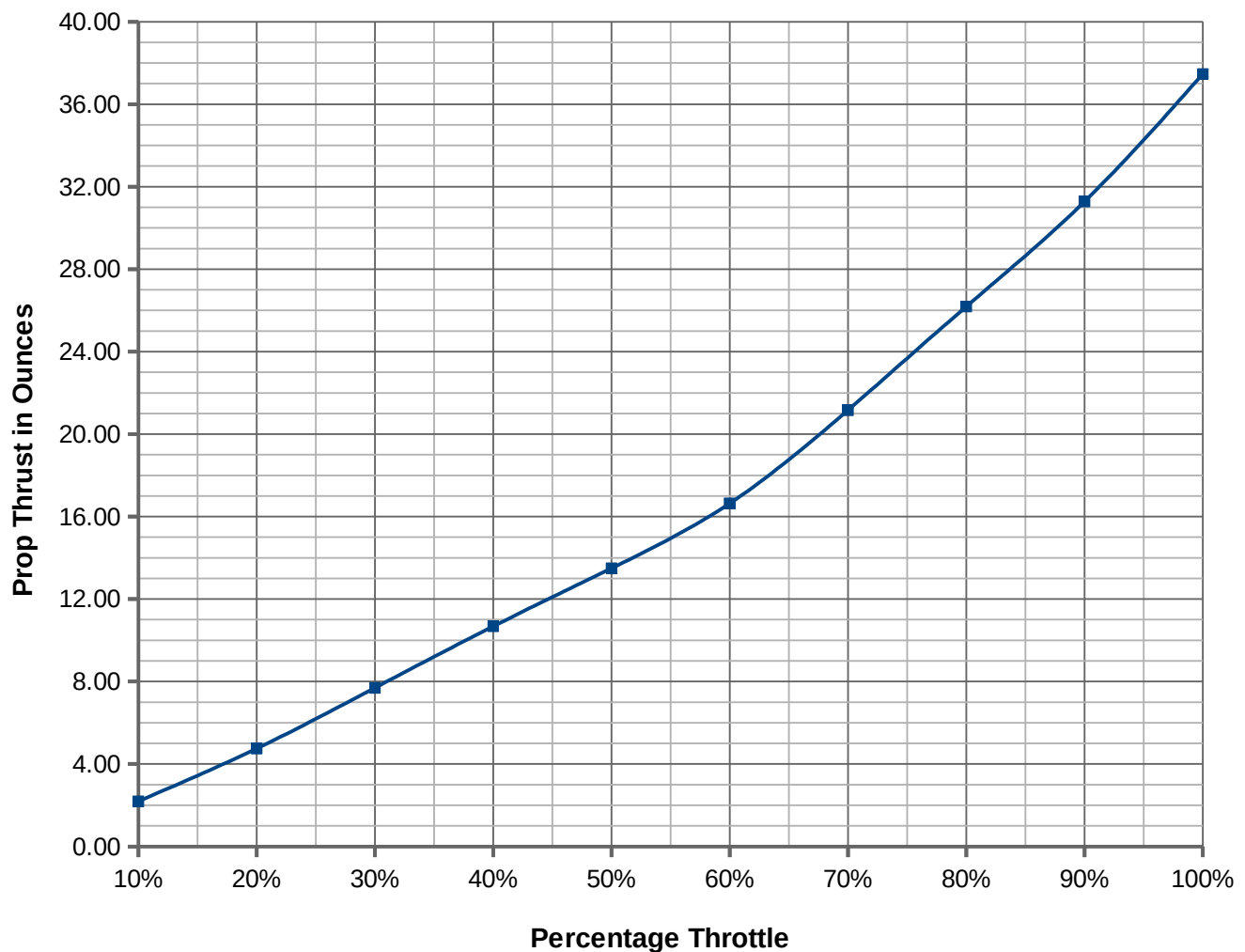
Propeller RPM vs Throttle Position



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

Data Collected at 18.5 volts with HQ 4x4x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.81	15.04	8,011	62.3	2.20	4.14
20%	1.84	34.08	11,723	134.8	4.75	3.96
30%	3.29	60.81	15,045	218.2	7.70	3.59
40%	4.87	90.08	17,808	302.7	10.68	3.36
50%	6.55	121.10	20,222	382.6	13.50	3.16
60%	8.76	162.00	22,809	471.8	16.64	2.91
70%	11.60	214.51	25,714	600.0	21.16	2.80
80%	15.11	279.44	28,807	742.4	26.19	2.66
90%	19.21	355.44	31,886	886.8	31.28	2.49
100%	24.45	452.38	35,178	1062.2	37.47	2.35

Propeller Thrust vs Throttle Position



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

Data Collected at 18.5 volts with HQ 4x4x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.81	15.04	8,011	62.3	2.20	4.14
20%	1.84	34.08	11,723	134.8	4.75	3.96
30%	3.29	60.81	15,045	218.2	7.70	3.59
40%	4.87	90.08	17,808	302.7	10.68	3.36
50%	6.55	121.10	20,222	382.6	13.50	3.16
60%	8.76	162.00	22,809	471.8	16.64	2.91
70%	11.60	214.51	25,714	600.0	21.16	2.80
80%	15.11	279.44	28,807	742.4	26.19	2.66
90%	19.21	355.44	31,886	886.8	31.28	2.49
100%	24.45	452.38	35,178	1062.2	37.47	2.35

Propeller Efficiency vs Throttle Position

