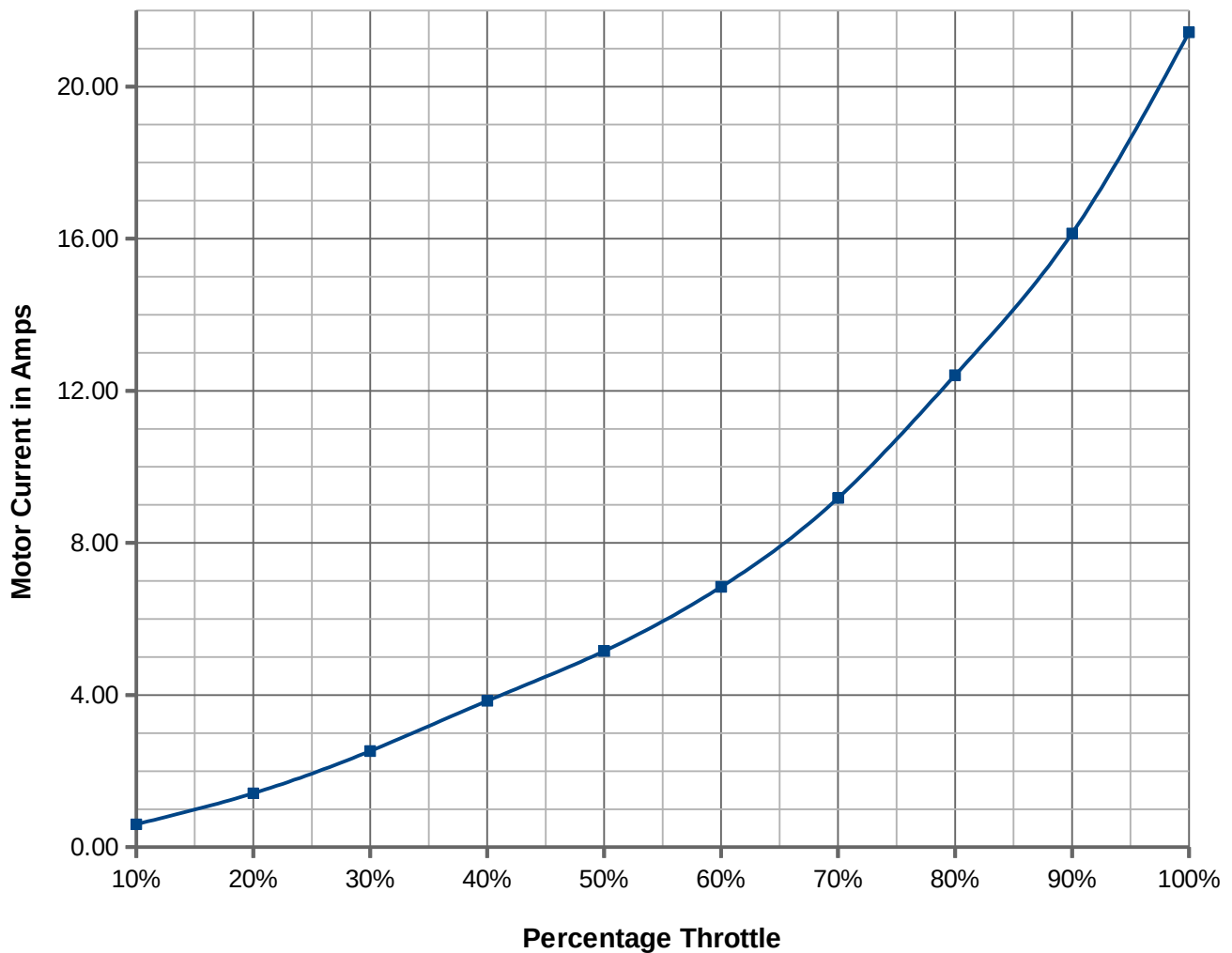


Cobra CM-2206-17 Motor Test Data, Kv=2400

Data Collected at 14.8 volts with HQ 4x4.5-BN Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.60	8.91	6,430	38.7	1.37	4.34
20%	1.42	20.99	9,628	89.9	3.17	4.28
30%	2.53	37.41	12,491	148.5	5.24	3.97
40%	3.85	56.92	14,807	208.4	7.35	3.66
50%	5.16	76.29	16,638	265.8	9.38	3.48
60%	6.85	101.31	18,622	330.3	11.65	3.26
70%	9.18	135.85	20,911	415.5	14.66	3.06
80%	12.41	183.70	23,423	525.3	18.53	2.86
90%	16.14	238.90	25,898	626.2	22.09	2.62
100%	21.43	317.12	28,782	780.6	27.53	2.46

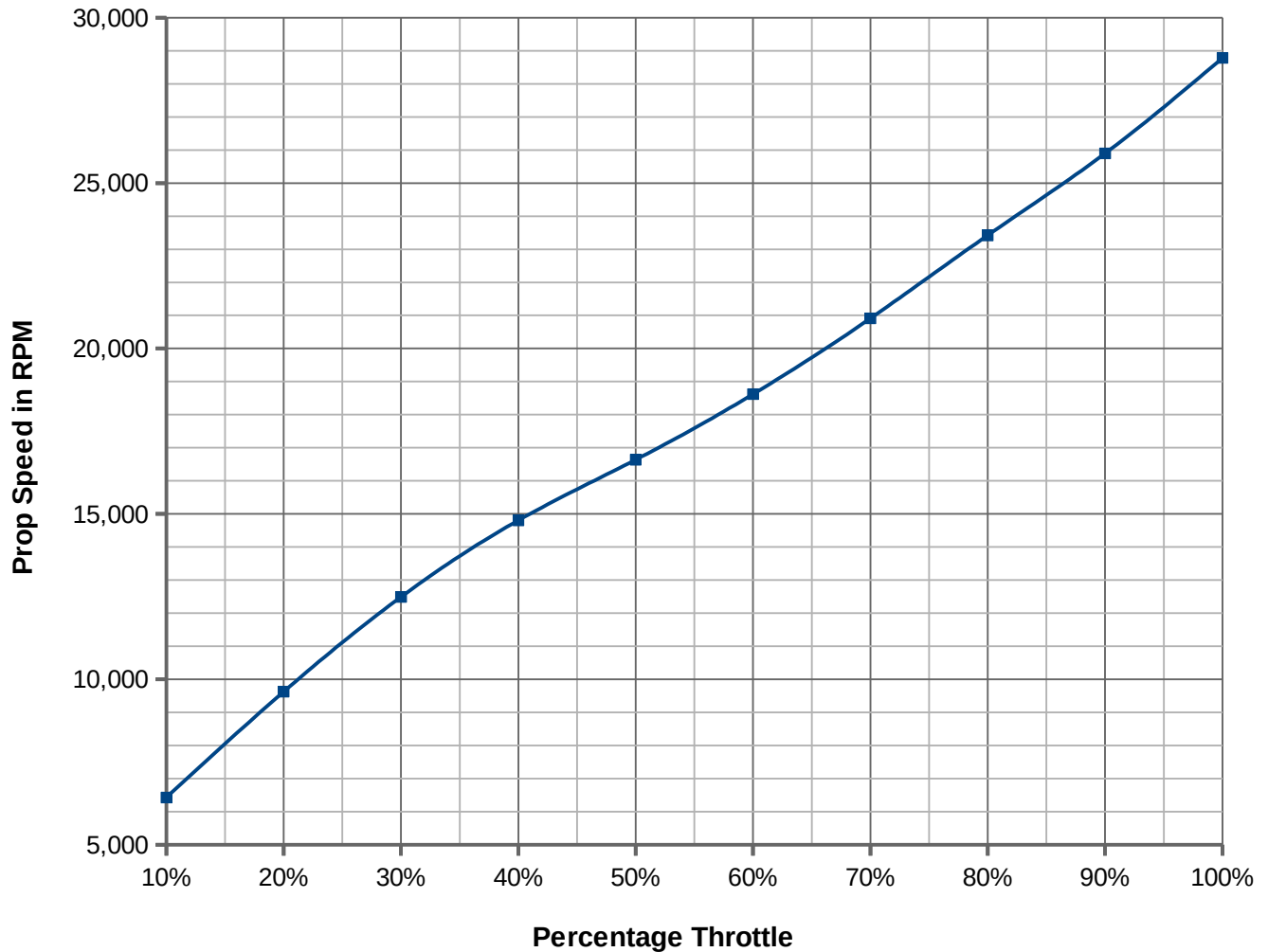
Motor Current vs Throttle Position



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

Data Collected at 14.8 volts with HQ 4x4.5-BN Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.60	8.91	6,430	38.7	1.37	4.34
20%	1.42	20.99	9,628	89.9	3.17	4.28
30%	2.53	37.41	12,491	148.5	5.24	3.97
40%	3.85	56.92	14,807	208.4	7.35	3.66
50%	5.16	76.29	16,638	265.8	9.38	3.48
60%	6.85	101.31	18,622	330.3	11.65	3.26
70%	9.18	135.85	20,911	415.5	14.66	3.06
80%	12.41	183.70	23,423	525.3	18.53	2.86
90%	16.14	238.90	25,898	626.2	22.09	2.62
100%	21.43	317.12	28,782	780.6	27.53	2.46

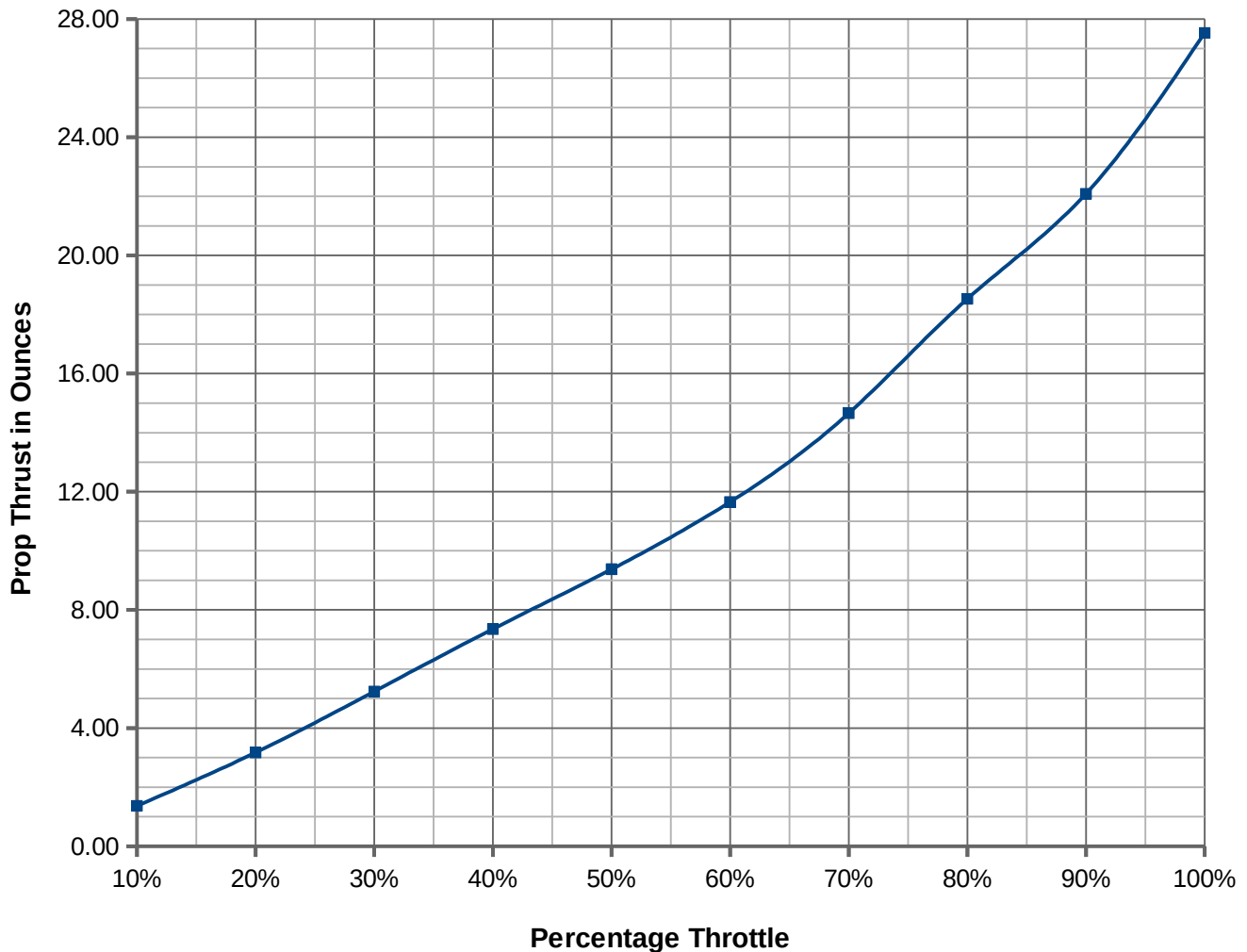
Propeller RPM vs Throttle Position



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

Data Collected at 14.8 volts with HQ 4x4.5-BN Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.60	8.91	6,430	38.7	1.37	4.34
20%	1.42	20.99	9,628	89.9	3.17	4.28
30%	2.53	37.41	12,491	148.5	5.24	3.97
40%	3.85	56.92	14,807	208.4	7.35	3.66
50%	5.16	76.29	16,638	265.8	9.38	3.48
60%	6.85	101.31	18,622	330.3	11.65	3.26
70%	9.18	135.85	20,911	415.5	14.66	3.06
80%	12.41	183.70	23,423	525.3	18.53	2.86
90%	16.14	238.90	25,898	626.2	22.09	2.62
100%	21.43	317.12	28,782	780.6	27.53	2.46

Propeller Thrust vs Throttle Position



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

Data Collected at 14.8 volts with HQ 4x4.5-BN Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.60	8.91	6,430	38.7	1.37	4.34
20%	1.42	20.99	9,628	89.9	3.17	4.28
30%	2.53	37.41	12,491	148.5	5.24	3.97
40%	3.85	56.92	14,807	208.4	7.35	3.66
50%	5.16	76.29	16,638	265.8	9.38	3.48
60%	6.85	101.31	18,622	330.3	11.65	3.26
70%	9.18	135.85	20,911	415.5	14.66	3.06
80%	12.41	183.70	23,423	525.3	18.53	2.86
90%	16.14	238.90	25,898	626.2	22.09	2.62
100%	21.43	317.12	28,782	780.6	27.53	2.46

Propeller Efficiency vs Throttle Position

