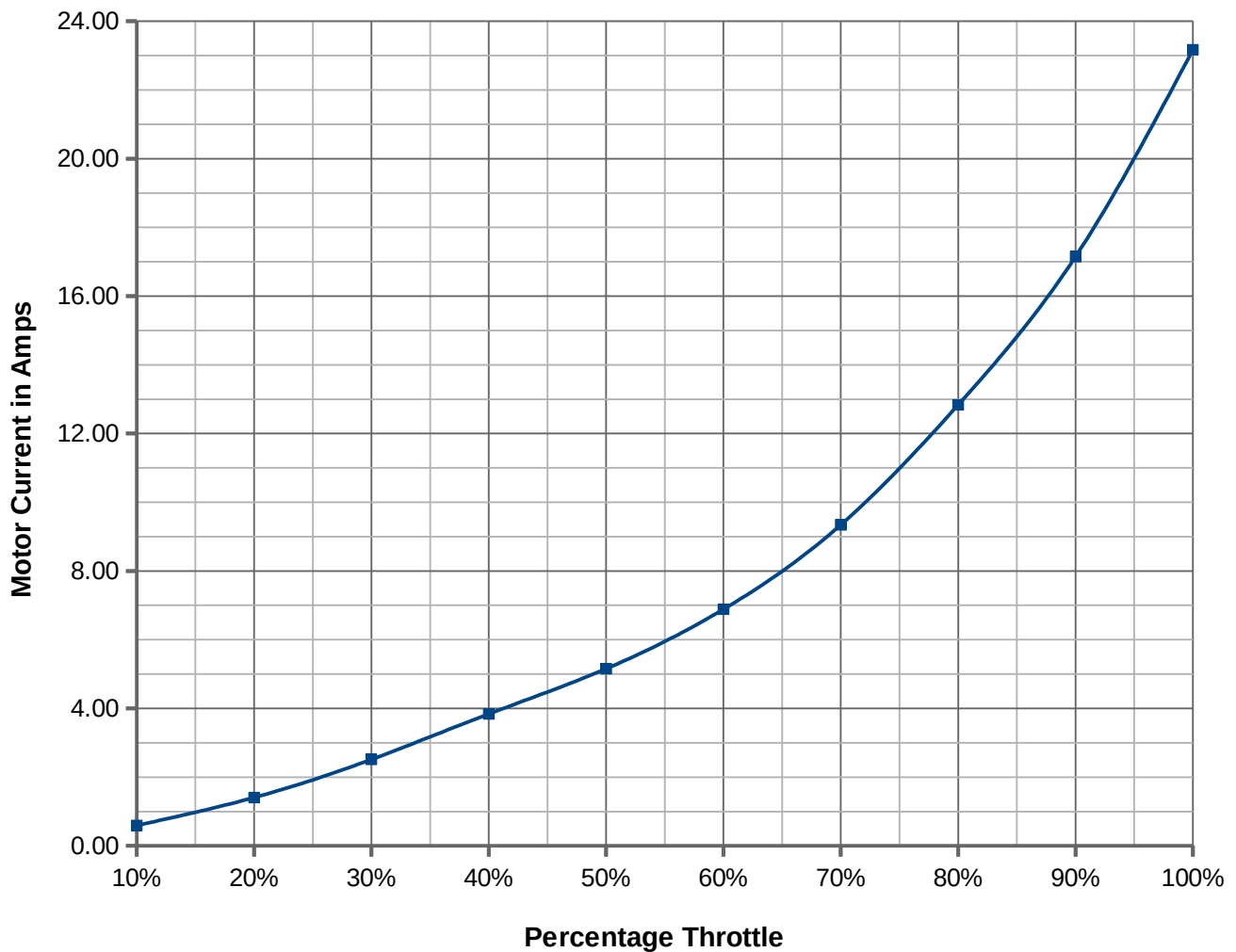


Cobra CM-2206-17 Motor Test Data, Kv=2400

Data Collected at 14.8 volts with HQ 5x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.60	8.82	6,524	46.5	1.64	5.27
20%	1.41	20.81	9,883	111.4	3.93	5.35
30%	2.52	37.22	12,602	183.4	6.47	4.93
40%	3.84	56.83	14,884	259.8	9.16	4.57
50%	5.15	76.28	16,698	328.7	11.59	4.31
60%	6.89	101.90	18,650	410.7	14.49	4.03
70%	9.34	138.28	20,883	521.5	18.40	3.77
80%	12.84	189.96	23,326	653.2	23.04	3.44
90%	17.15	253.86	25,587	792.8	27.96	3.12
100%	23.17	342.90	28,320	978.2	34.50	2.85

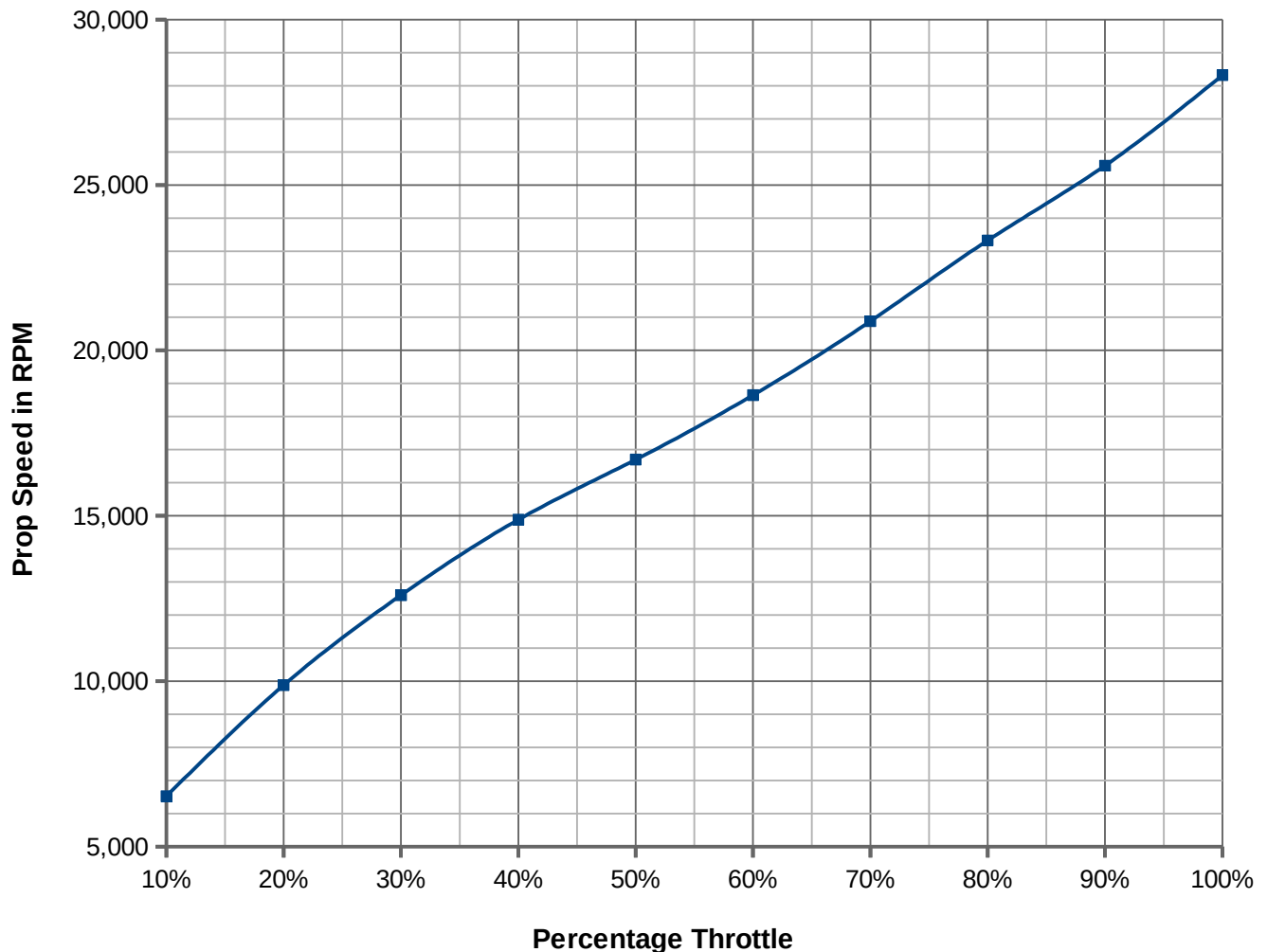
Motor Current vs Throttle Position



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

Data Collected at 14.8 volts with HQ 5x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.60	8.82	6,524	46.5	1.64	5.27
20%	1.41	20.81	9,883	111.4	3.93	5.35
30%	2.52	37.22	12,602	183.4	6.47	4.93
40%	3.84	56.83	14,884	259.8	9.16	4.57
50%	5.15	76.28	16,698	328.7	11.59	4.31
60%	6.89	101.90	18,650	410.7	14.49	4.03
70%	9.34	138.28	20,883	521.5	18.40	3.77
80%	12.84	189.96	23,326	653.2	23.04	3.44
90%	17.15	253.86	25,587	792.8	27.96	3.12
100%	23.17	342.90	28,320	978.2	34.50	2.85

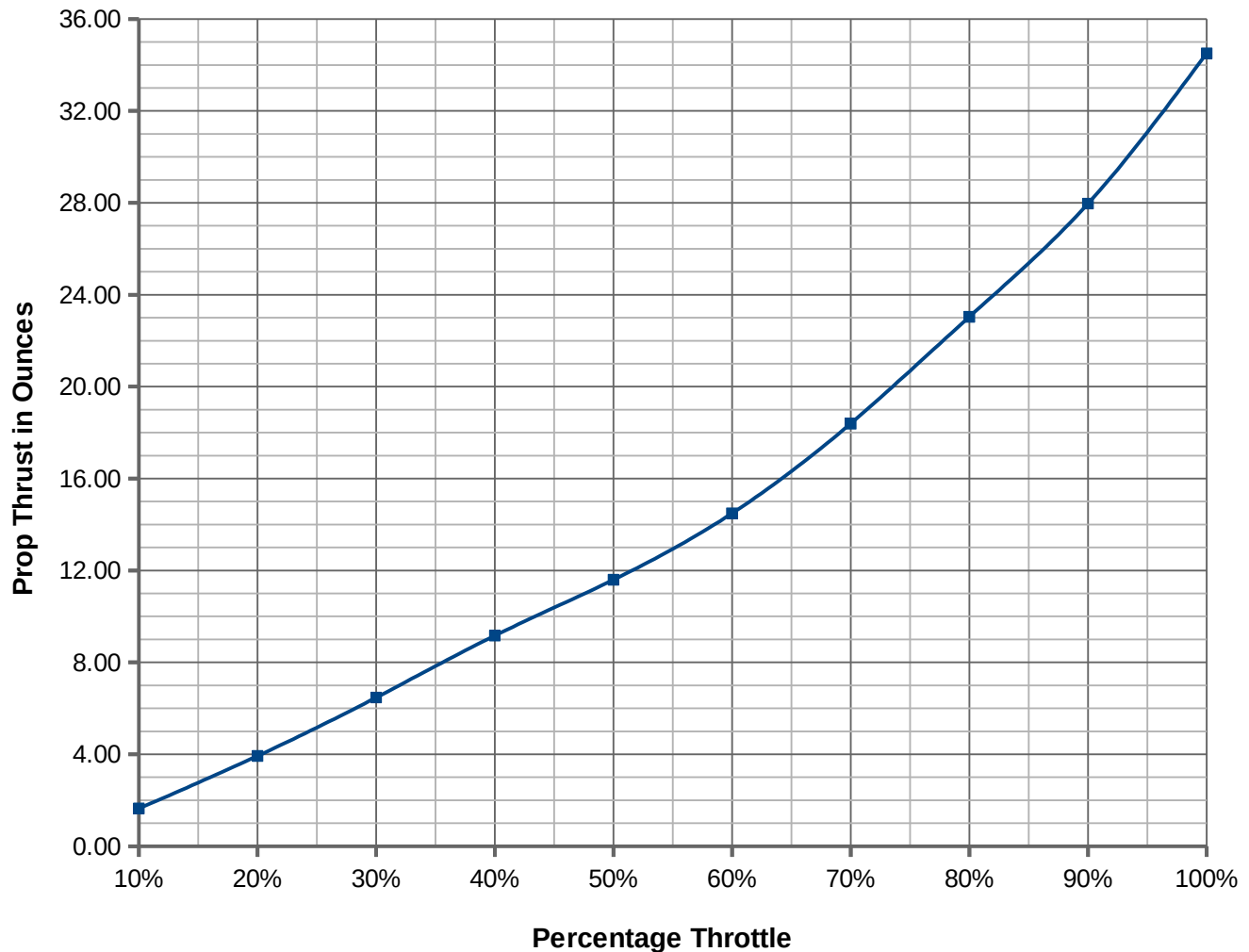
Propeller RPM vs Throttle Position



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

Data Collected at 14.8 volts with HQ 5x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.60	8.82	6,524	46.5	1.64	5.27
20%	1.41	20.81	9,883	111.4	3.93	5.35
30%	2.52	37.22	12,602	183.4	6.47	4.93
40%	3.84	56.83	14,884	259.8	9.16	4.57
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60%	6.89	101.90	18,650	410.7	14.49	4.03
70%	9.34	138.28	20,883	521.5	18.40	3.77
80%	12.84	189.96	23,326	653.2	23.04	3.44
90%	17.15	253.86	25,587	792.8	27.96	3.12
100%	23.17	342.90	28,320	978.2	34.50	2.85

Propeller Thrust vs Throttle Position



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

Data Collected at 14.8 volts with HQ 5x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.60	8.82	6,524	46.5	1.64	5.27
20%	1.41	20.81	9,883	111.4	3.93	5.35
30%	2.52	37.22	12,602	183.4	6.47	4.93
40%	3.84	56.83	14,884	259.8	9.16	4.57
50%	5.15	76.28	16,698	328.7	11.59	4.31
60%	6.89	101.90	18,650	410.7	14.49	4.03
70%	9.34	138.28	20,883	521.5	18.40	3.77
80%	12.84	189.96	23,326	653.2	23.04	3.44
90%	17.15	253.86	25,587	792.8	27.96	3.12
100%	23.17	342.90	28,320	978.2	34.50	2.85

Propeller Efficiency vs Throttle Position

