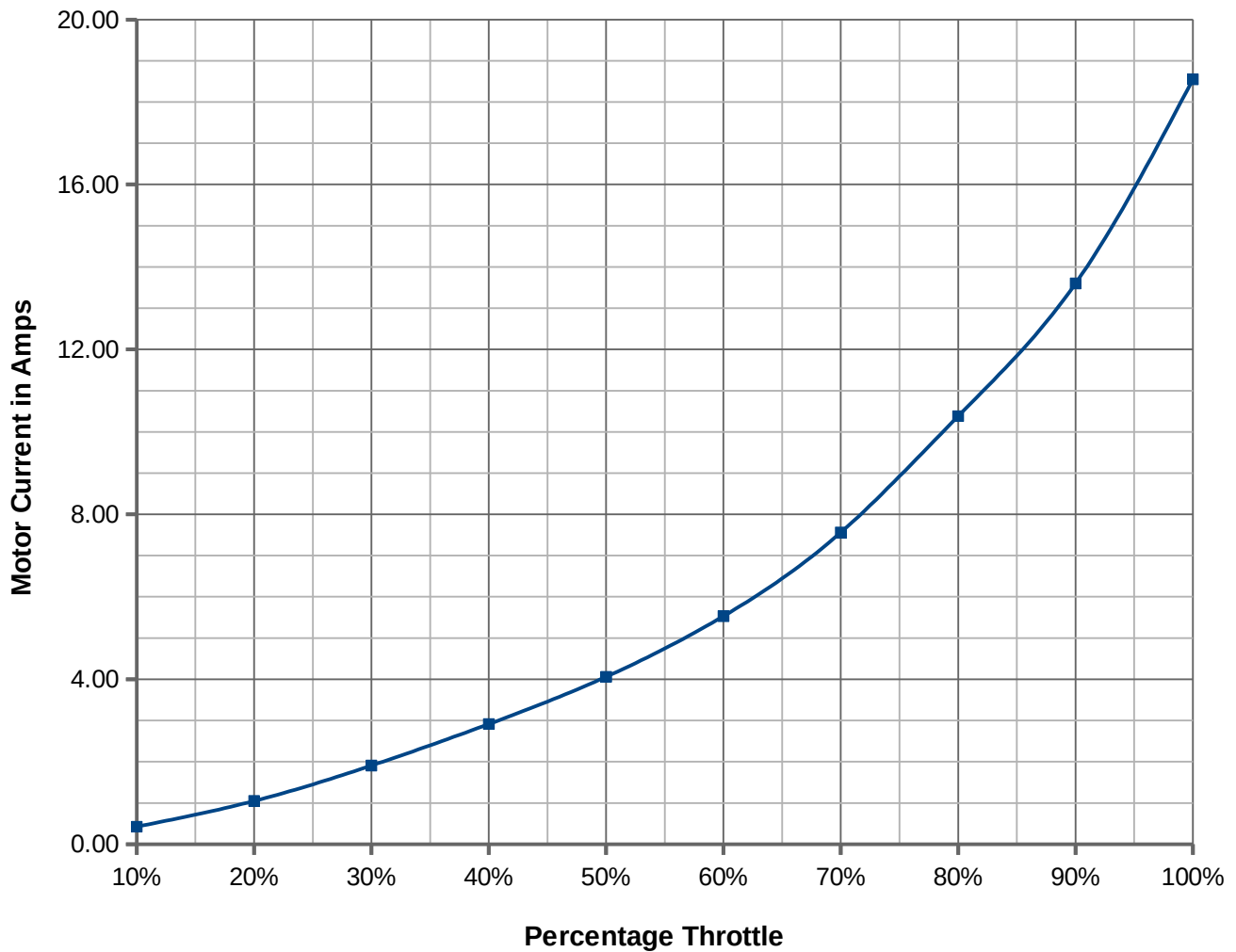


# Cobra CM-2206-17 Motor Test Data, Kv=2400

Data Collected at 11.1 volts with HQ 5x4x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.43	4.73	4,125	28.0	0.99	5.92
20%	1.05	11.63	6,747	73.0	2.57	6.28
30%	1.91	21.19	8,795	126.2	4.45	5.96
40%	2.91	32.35	10,586	180.2	6.36	5.57
50%	4.06	45.08	12,118	236.2	8.33	5.24
60%	5.53	61.39	13,740	300.6	10.60	4.90
70%	7.56	83.92	15,481	385.7	13.60	4.60
80%	10.38	115.26	17,492	491.8	17.35	4.27
90%	13.60	150.97	19,361	596.6	21.04	3.95
100%	18.55	205.92	21,694	748.5	26.40	3.63

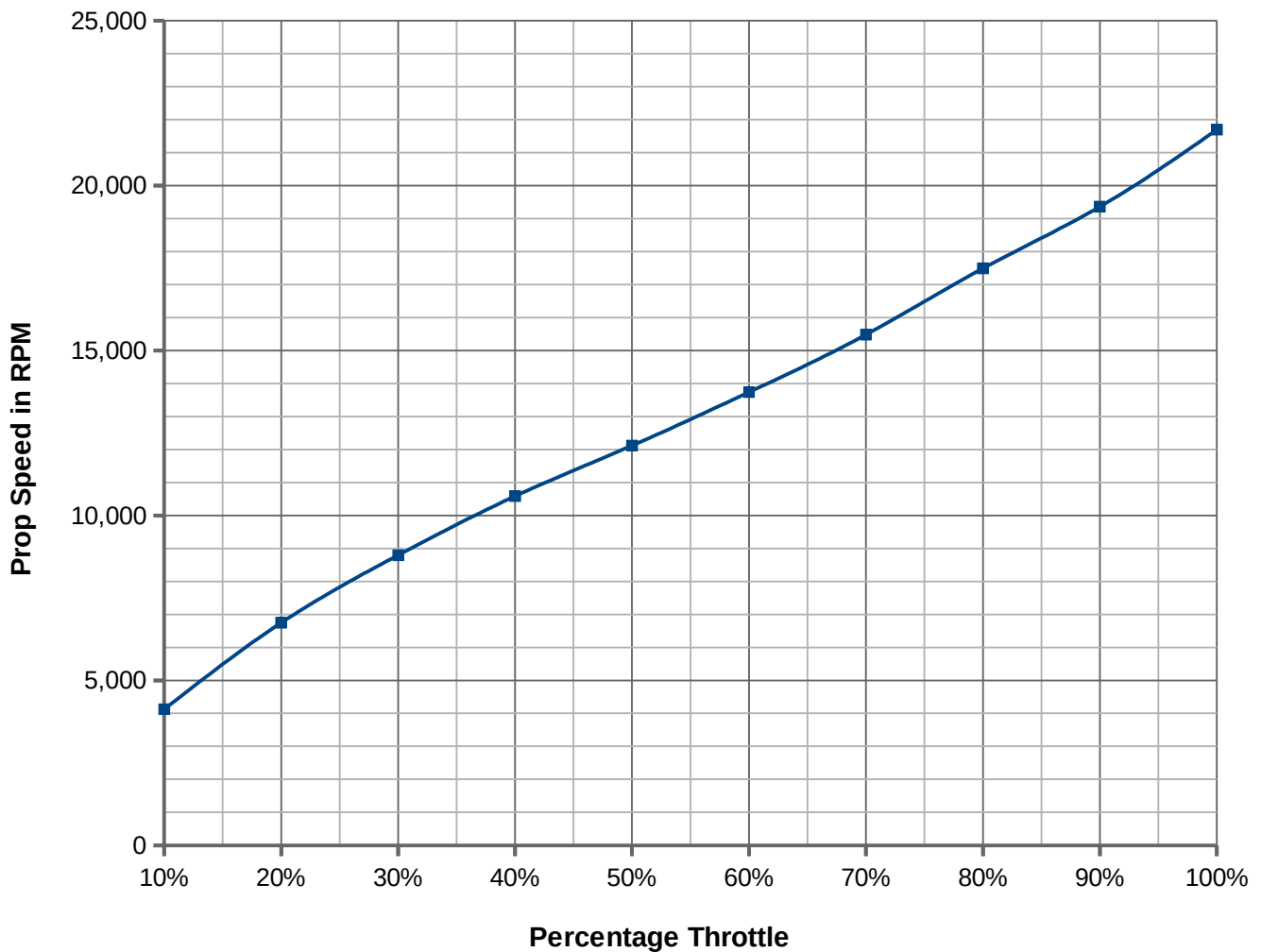
## Motor Current vs Throttle Position



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

Data Collected at 11.1 volts with HQ 5x4x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.43	4.73	4,125	28.0	0.99	5.92
20%	1.05	11.63	6,747	73.0	2.57	6.28
30%	1.91	21.19	8,795	126.2	4.45	5.96
40%	2.91	32.35	10,586	180.2	6.36	5.57
50%	4.06	45.08	12,118	236.2	8.33	5.24
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70%	7.56	83.92	15,481	385.7	13.60	4.60
80%	10.38	115.26	17,492	491.8	17.35	4.27
90%	13.60	150.97	19,361	596.6	21.04	3.95
100%	18.55	205.92	21,694	748.5	26.40	3.63

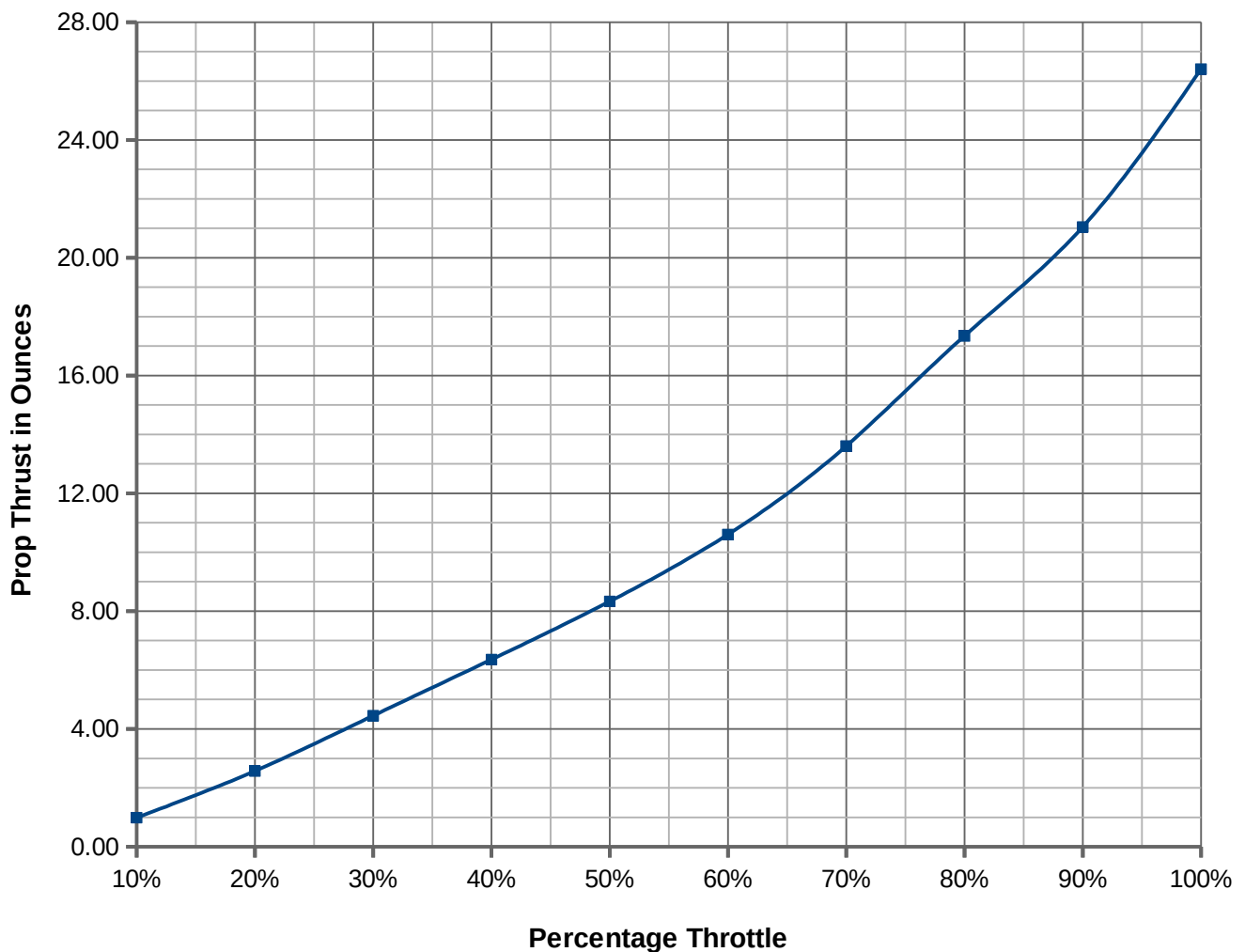
## Propeller RPM vs Throttle Position



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

Data Collected at 11.1 volts with HQ 5x4x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.43	4.73	4,125	28.0	0.99	5.92
20%	1.05	11.63	6,747	73.0	2.57	6.28
30%	1.91	21.19	8,795	126.2	4.45	5.96
40%	2.91	32.35	10,586	180.2	6.36	5.57
50%	4.06	45.08	12,118	236.2	8.33	5.24
60%	5.53	61.39	13,740	300.6	10.60	4.90
70%	7.56	83.92	15,481	385.7	13.60	4.60
80%	10.38	115.26	17,492	491.8	17.35	4.27
90%	13.60	150.97	19,361	596.6	21.04	3.95
100%	18.55	205.92	21,694	748.5	26.40	3.63

## Propeller Thrust vs Throttle Position



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

Data Collected at 11.1 volts with HQ 5x4x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.43	4.73	4,125	28.0	0.99	5.92
20%	1.05	11.63	6,747	73.0	2.57	6.28
30%	1.91	21.19	8,795	126.2	4.45	5.96
40%	2.91	32.35	10,586	180.2	6.36	5.57
50%	4.06	45.08	12,118	236.2	8.33	5.24
60%	5.53	61.39	13,740	300.6	10.60	4.90
70%	7.56	83.92	15,481	385.7	13.60	4.60
80%	10.38	115.26	17,492	491.8	17.35	4.27
90%	13.60	150.97	19,361	596.6	21.04	3.95
100%	18.55	205.92	21,694	748.5	26.40	3.63

## Propeller Efficiency vs Throttle Position

