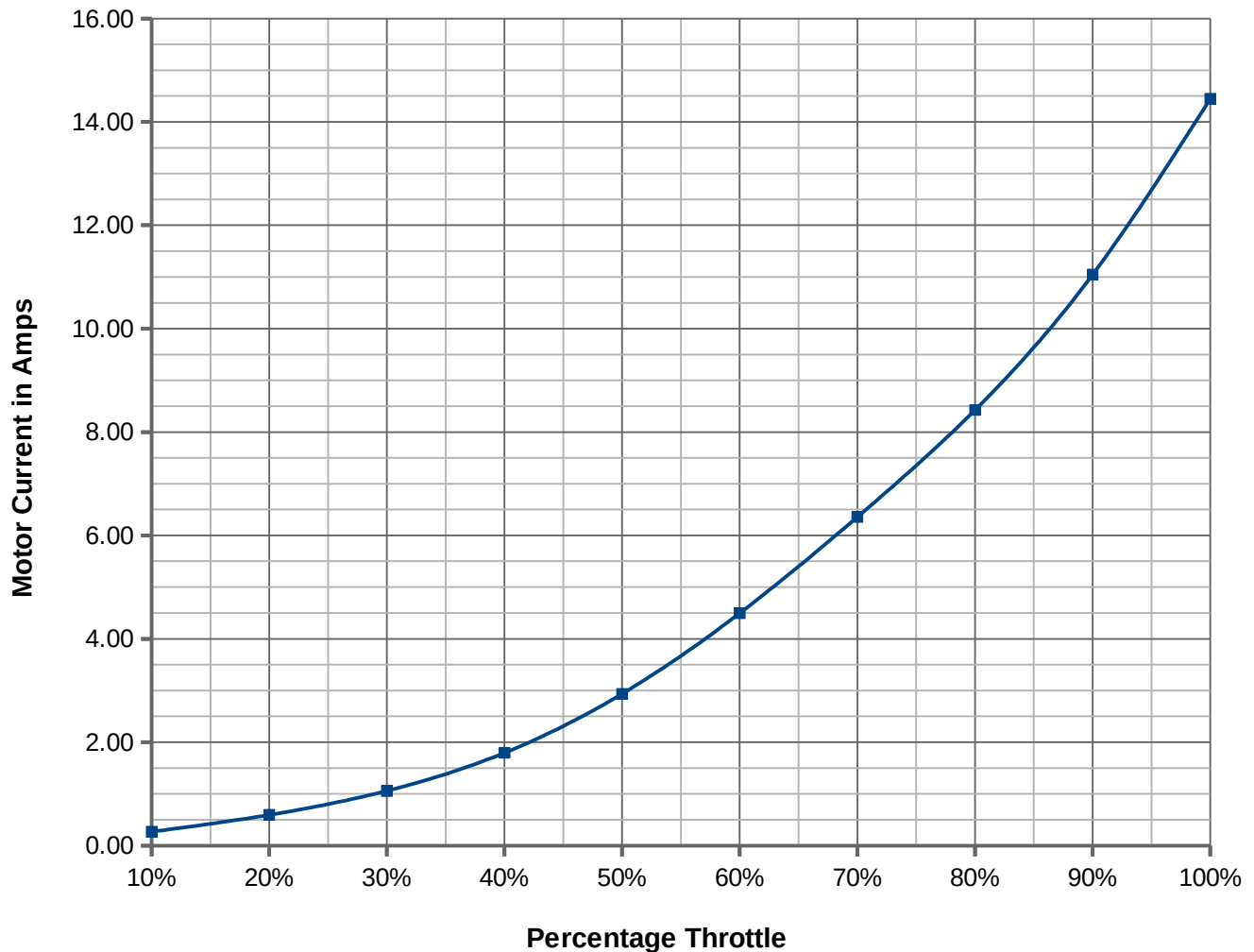


# Cobra CM-1806/26 Motor Test Data, Kv=2800

Data Collected at 11.1 volts with HQ 4x4x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.27	2.97	3,816	18.4	0.65	6.19
20%	0.59	6.59	6,203	43.9	1.55	6.66
30%	1.06	11.75	8,192	71.1	2.51	6.05
40%	1.80	19.92	10,273	108.6	3.83	5.45
50%	2.94	32.59	12,412	157.1	5.54	4.82
60%	4.50	49.91	14,658	211.3	7.45	4.23
70%	6.36	70.55	16,663	277.0	9.76	3.93
80%	8.43	93.54	18,579	331.9	11.70	3.55
90%	11.05	122.61	20,545	401.7	14.16	3.28
100%	14.45	160.37	22,511	478.1	16.85	2.98

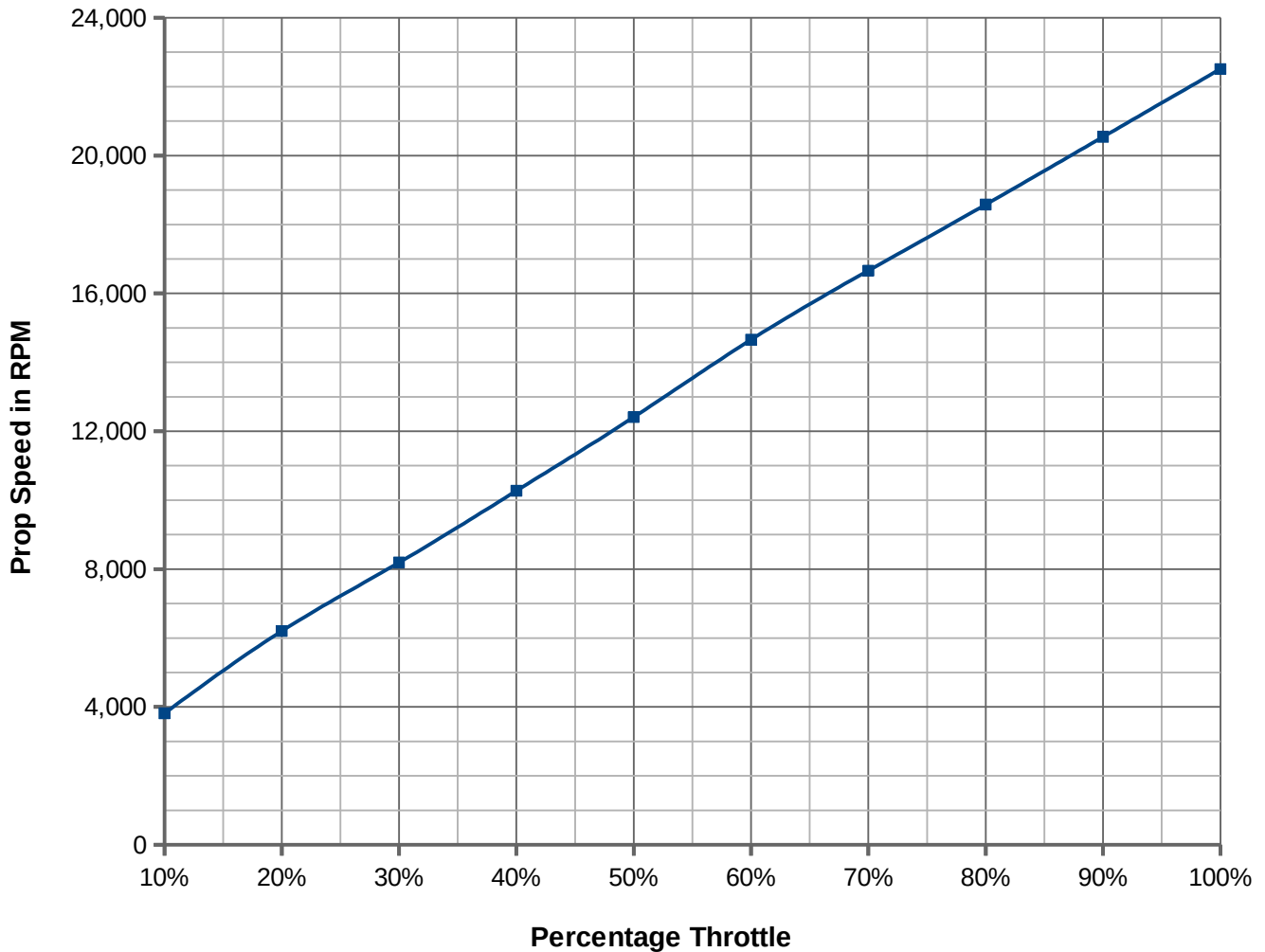
## Motor Current vs Throttle Position



## Cobra CM-1806/26 Motor Test Data, Kv=2800

Data Collected at 11.1 volts with HQ 4x4x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.27	2.97	3,816	18.4	0.65	6.19
20%	0.59	6.59	6,203	43.9	1.55	6.66
30%	1.06	11.75	8,192	71.1	2.51	6.05
40%	1.80	19.92	10,273	108.6	3.83	5.45
50%	2.94	32.59	12,412	157.1	5.54	4.82
60%	4.50	49.91	14,658	211.3	7.45	4.23
70%	6.36	70.55	16,663	277.0	9.76	3.93
80%	8.43	93.54	18,579	331.9	11.70	3.55
90%	11.05	122.61	20,545	401.7	14.16	3.28
100%	14.45	160.37	22,511	478.1	16.85	2.98

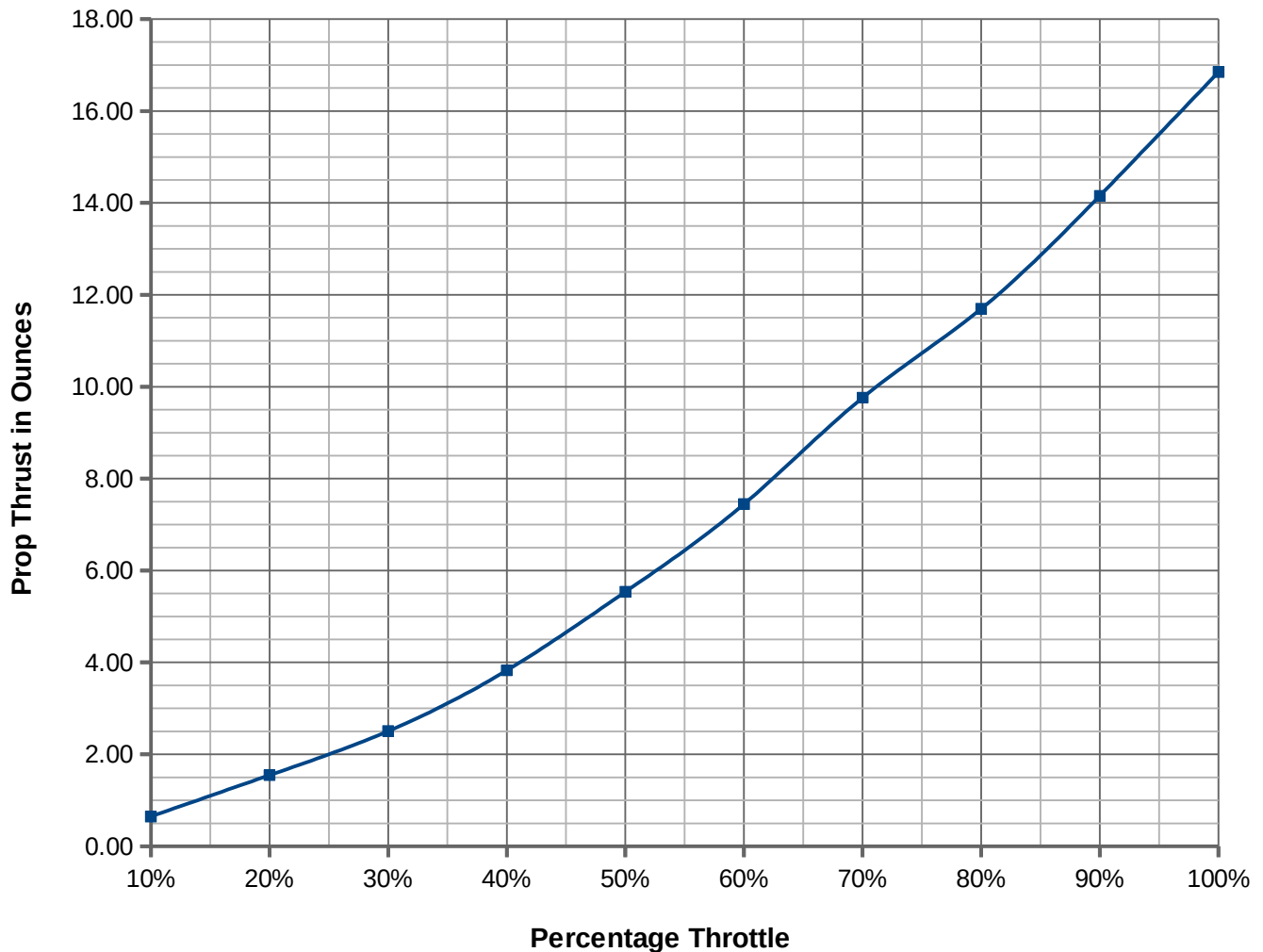
### Propeller RPM vs Throttle Position



# Cobra CM-1806/26 Motor Test Data, Kv=2800

Data Collected at 11.1 volts with HQ 4x4x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.27	2.97	3,816	18.4	0.65	6.19
20%	0.59	6.59	6,203	43.9	1.55	6.66
30%	1.06	11.75	8,192	71.1	2.51	6.05
40%	1.80	19.92	10,273	108.6	3.83	5.45
50%	2.94	32.59	12,412	157.1	5.54	4.82
60%	4.50	49.91	14,658	211.3	7.45	4.23
70%	6.36	70.55	16,663	277.0	9.76	3.93
80%	8.43	93.54	18,579	331.9	11.70	3.55
90%	11.05	122.61	20,545	401.7	14.16	3.28
100%	14.45	160.37	22,511	478.1	16.85	2.98

## Propeller Thrust vs Throttle Position



# Cobra CM-1806/26 Motor Test Data, Kv=2800

Data Collected at 11.1 volts with HQ 4x4x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.27	2.97	3,816	18.4	0.65	6.19
20%	0.59	6.59	6,203	43.9	1.55	6.66
30%	1.06	11.75	8,192	71.1	2.51	6.05
40%	1.80	19.92	10,273	108.6	3.83	5.45
50%	2.94	32.59	12,412	157.1	5.54	4.82
60%	4.50	49.91	14,658	211.3	7.45	4.23
70%	6.36	70.55	16,663	277.0	9.76	3.93
80%	8.43	93.54	18,579	331.9	11.70	3.55
90%	11.05	122.61	20,545	401.7	14.16	3.28
100%	14.45	160.37	22,511	478.1	16.85	2.98

## Propeller Efficiency vs Throttle Position

