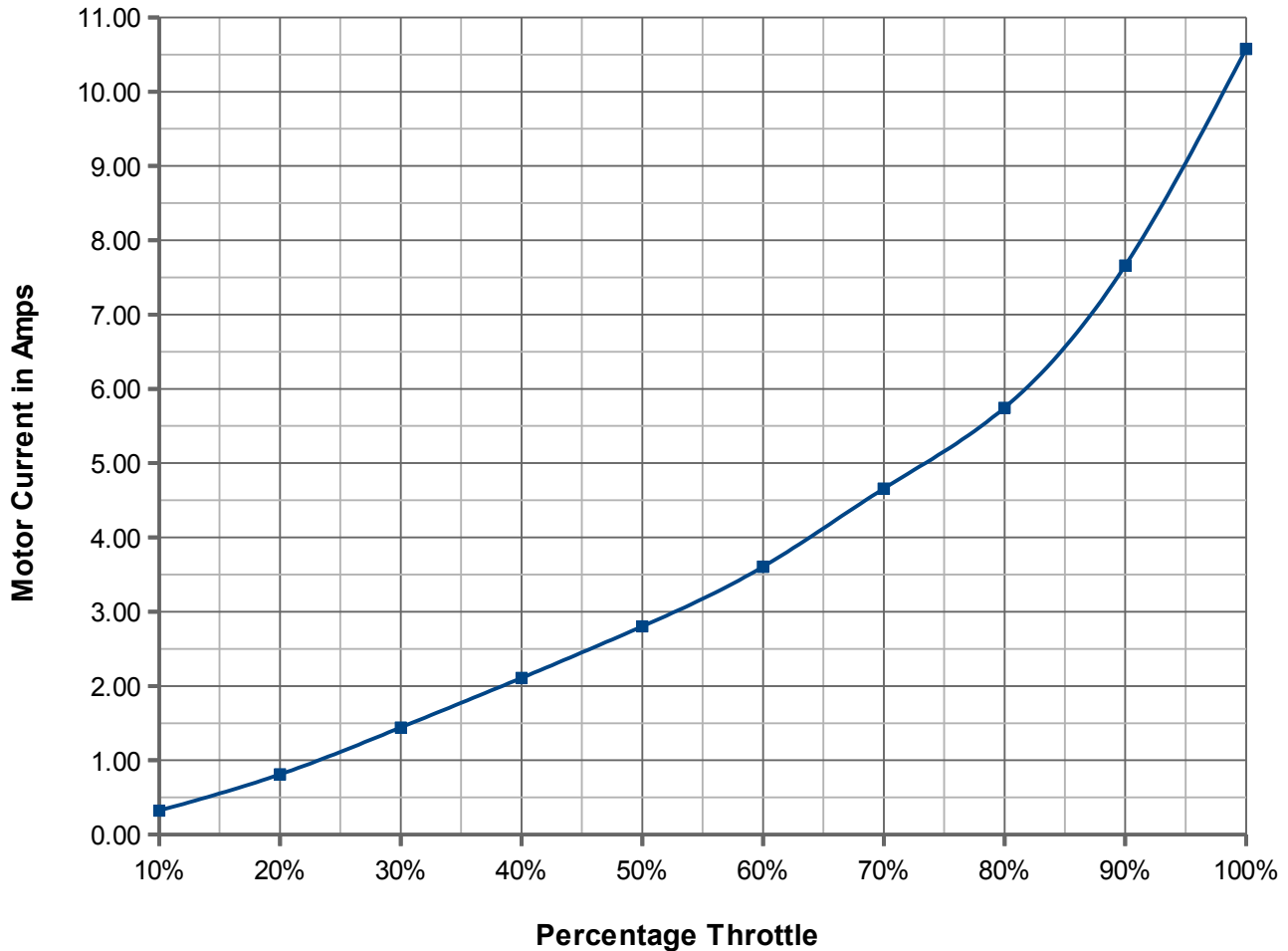


# Cobra 2204/28 Motor Test Data, Kv=2300

Data Collected at 11.1 volts with FC 5x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.32	3.59	5,063	27.4	0.97	7.64
20%	0.81	9.00	7,754	65.2	2.30	7.24
30%	1.44	16.01	9,735	105.3	3.71	6.58
40%	2.11	23.41	11,268	141.3	4.98	6.04
50%	2.80	31.11	12,629	177.2	6.24	5.70
60%	3.61	40.02	13,828	212.7	7.50	5.32
70%	4.66	51.69	14,815	253.3	8.93	4.90
80%	5.75	63.78	16,380	307.4	10.83	4.82
90%	7.66	85.04	18,220	381.0	13.43	4.48
100%	10.58	117.39	20,222	473.9	16.70	4.04

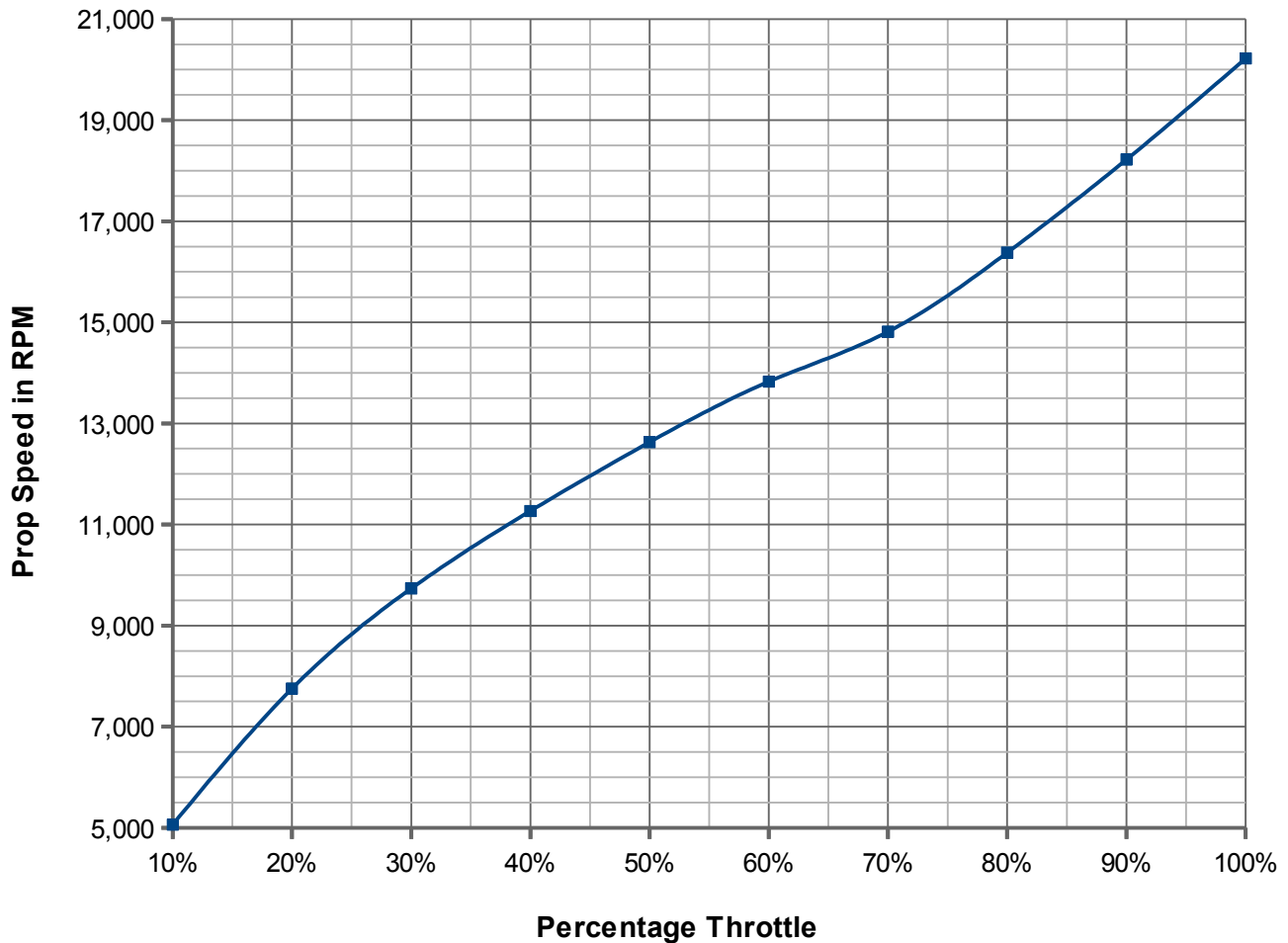
## Motor Current vs Throttle Position



## Cobra 2204/28 Motor Test Data, Kv=2300

Data Collected at 11.1 volts with FC 5x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.32	3.59	5,063	27.4	0.97	7.64
20%	0.81	9.00	7,754	65.2	2.30	7.24
30%	1.44	16.01	9,735	105.3	3.71	6.58
40%	2.11	23.41	11,268	141.3	4.98	6.04
50%	2.80	31.11	12,629	177.2	6.24	5.70
60%	3.61	40.02	13,828	212.7	7.50	5.32
70%	4.66	51.69	14,815	253.3	8.93	4.90
80%	5.75	63.78	16,380	307.4	10.83	4.82
90%	7.66	85.04	18,220	381.0	13.43	4.48
100%	10.58	117.39	20,222	473.9	16.70	4.04

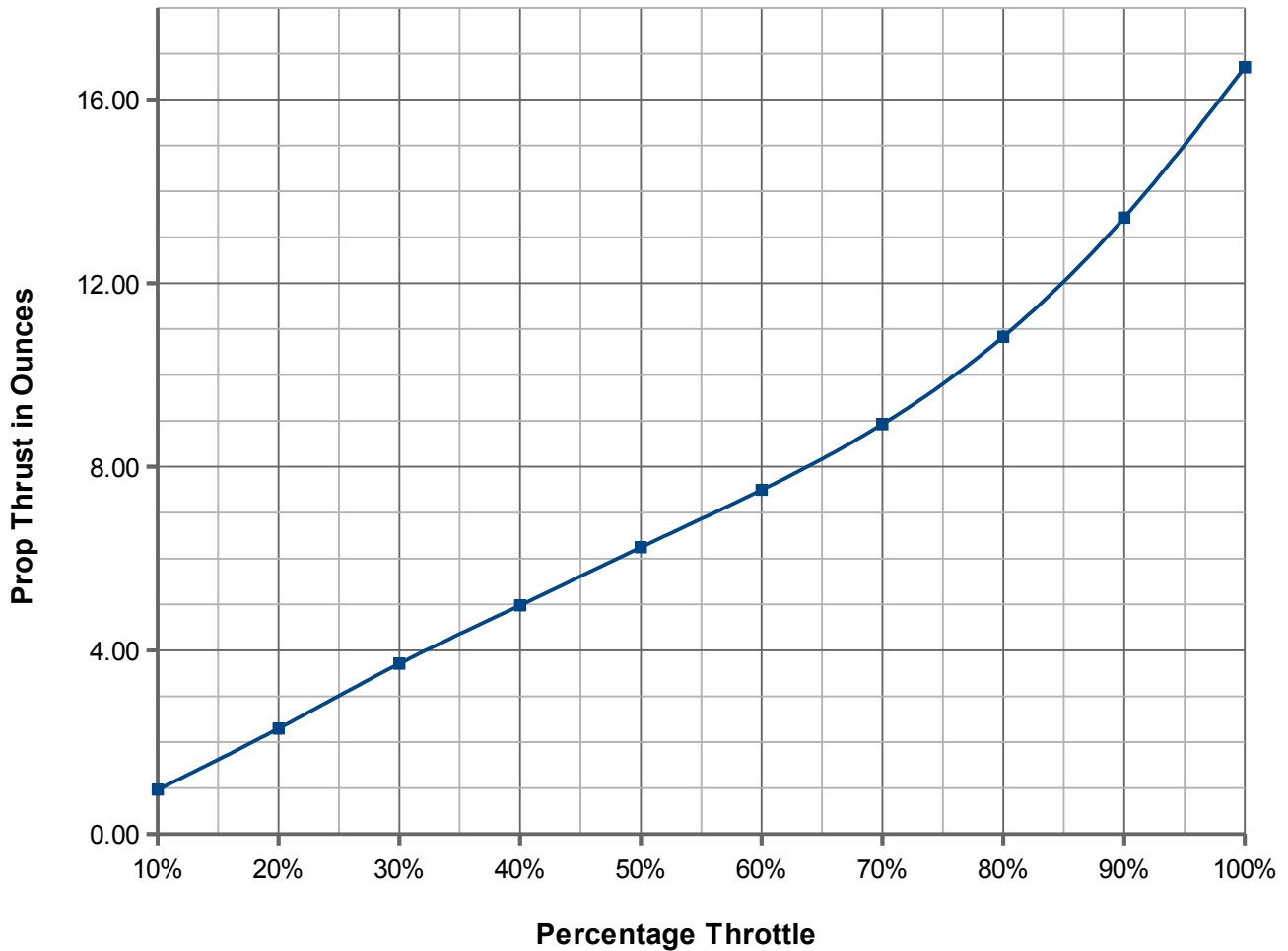
### Propeller RPM vs Throttle Position



# Cobra 2204/28 Motor Test Data, Kv=2300

Data Collected at 11.1 volts with FC 5x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.32	3.59	5,063	27.4	0.97	7.64
20%	0.81	9.00	7,754	65.2	2.30	7.24
30%	1.44	16.01	9,735	105.3	3.71	6.58
40%	2.11	23.41	11,268	141.3	4.98	6.04
50%	2.80	31.11	12,629	177.2	6.24	5.70
60%	3.61	40.02	13,828	212.7	7.50	5.32
70%	4.66	51.69	14,815	253.3	8.93	4.90
80%	5.75	63.78	16,380	307.4	10.83	4.82
90%	7.66	85.04	18,220	381.0	13.43	4.48
100%	10.58	117.39	20,222	473.9	16.70	4.04

## Propeller Thrust vs Throttle Position



# Cobra 2204/28 Motor Test Data, Kv=2300

Data Collected at 11.1 volts with FC 5x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.32	3.59	5,063	27.4	0.97	7.64
20%	0.81	9.00	7,754	65.2	2.30	7.24
30%	1.44	16.01	9,735	105.3	3.71	6.58
40%	2.11	23.41	11,268	141.3	4.98	6.04
50%	2.80	31.11	12,629	177.2	6.24	5.70
60%	3.61	40.02	13,828	212.7	7.50	5.32
70%	4.66	51.69	14,815	253.3	8.93	4.90
80%	5.75	63.78	16,380	307.4	10.83	4.82
90%	7.66	85.04	18,220	381.0	13.43	4.48
100%	10.58	117.39	20,222	473.9	16.70	4.04

## Propeller Efficiency vs Throttle Position

