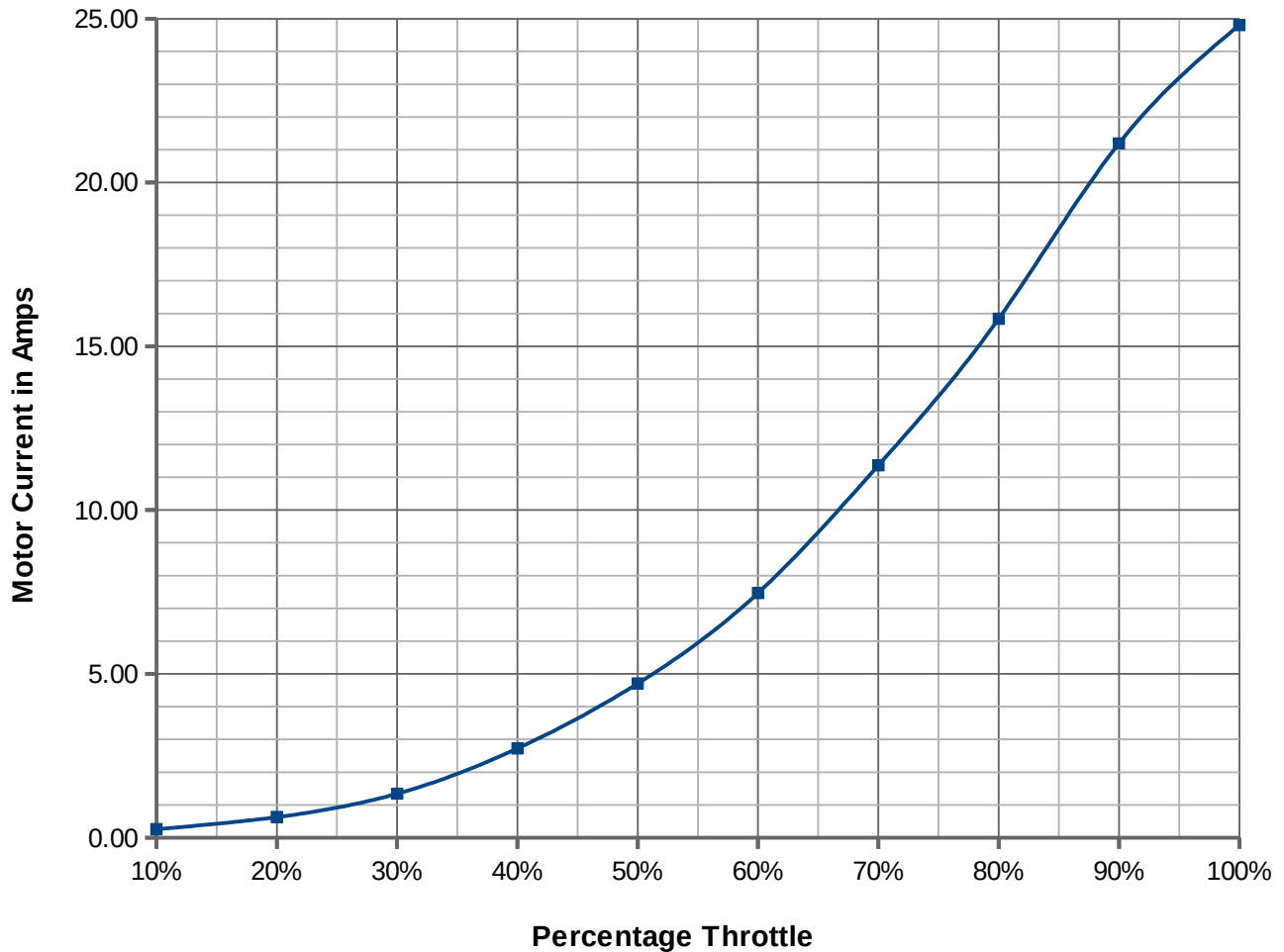


## Cobra CM-4515-24 Motor Test Data, Kv=325

Data Collected at 22.2 volts with APC 18x5.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.26	5.77	965	83.1	2.93	14.40
20%	0.63	13.94	1,537	220.9	7.79	15.84
30%	1.34	29.77	2,099	441.9	15.57	14.84
40%	2.72	60.45	2,717	784.1	27.63	12.97
50%	4.70	104.43	3,309	1184.6	41.75	11.34
60%	7.47	165.77	3,897	1651.2	58.19	9.96
70%	11.36	252.28	4,444	2208.4	77.83	8.75
80%	15.84	351.67	4,954	2759.8	97.26	7.85
90%	21.20	470.53	5,420	3350.5	118.08	7.12
100%	24.81	550.74	5,689	3721.6	131.16	6.76

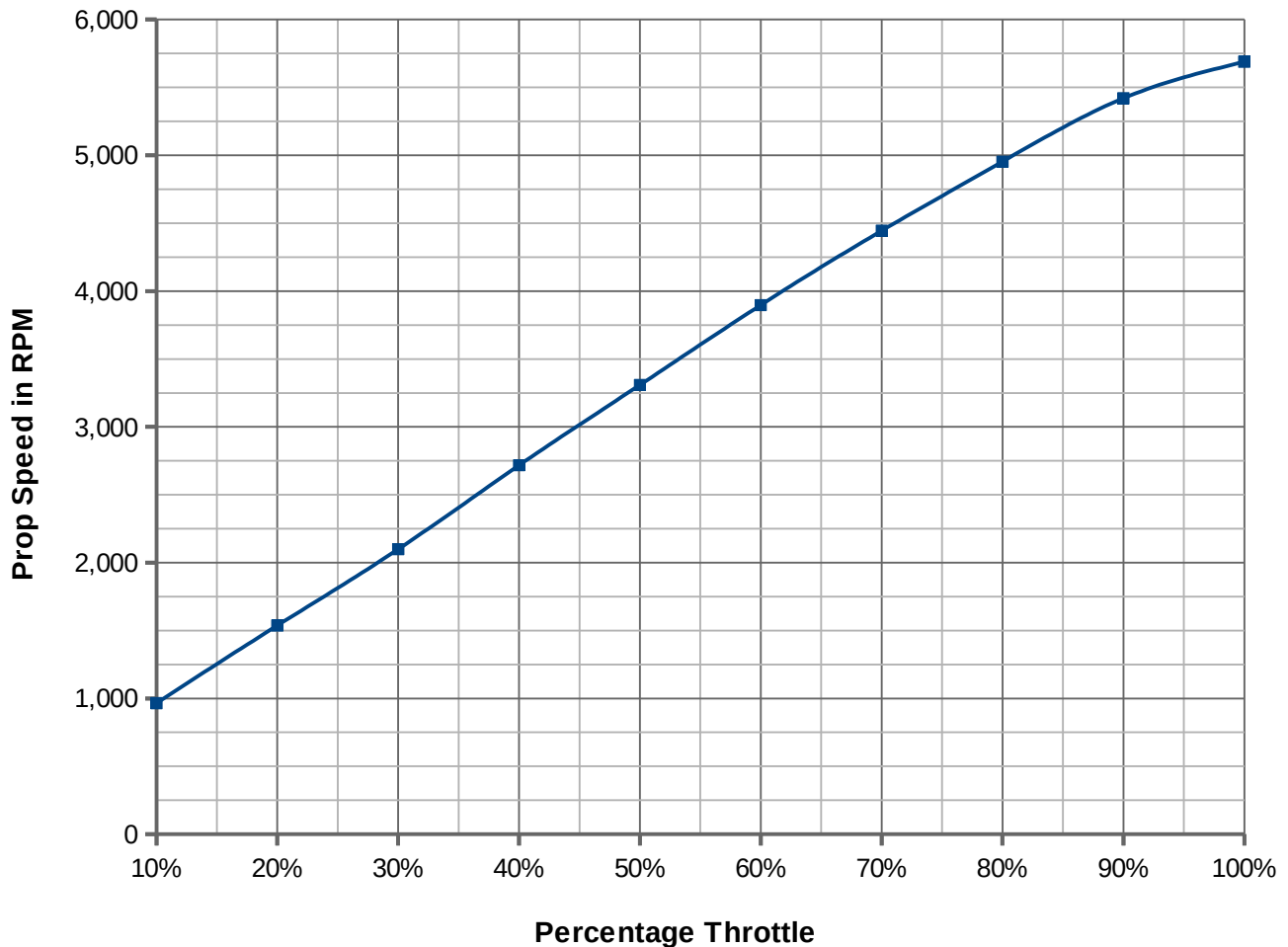
### Motor Current vs Throttle Position



## Cobra CM-4515-24 Motor Test Data, Kv=325

Data Collected at 22.2 volts with APC 18x5.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.26	5.77	965	83.1	2.93	14.40
20%	0.63	13.94	1,537	220.9	7.79	15.84
30%	1.34	29.77	2,099	441.9	15.57	14.84
40%	2.72	60.45	2,717	784.1	27.63	12.97
50%	4.70	104.43	3,309	1184.6	41.75	11.34
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70%	11.36	252.28	4,444	2208.4	77.83	8.75
80%	15.84	351.67	4,954	2759.8	97.26	7.85
90%	21.20	470.53	5,420	3350.5	118.08	7.12
100%	24.81	550.74	5,689	3721.6	131.16	6.76

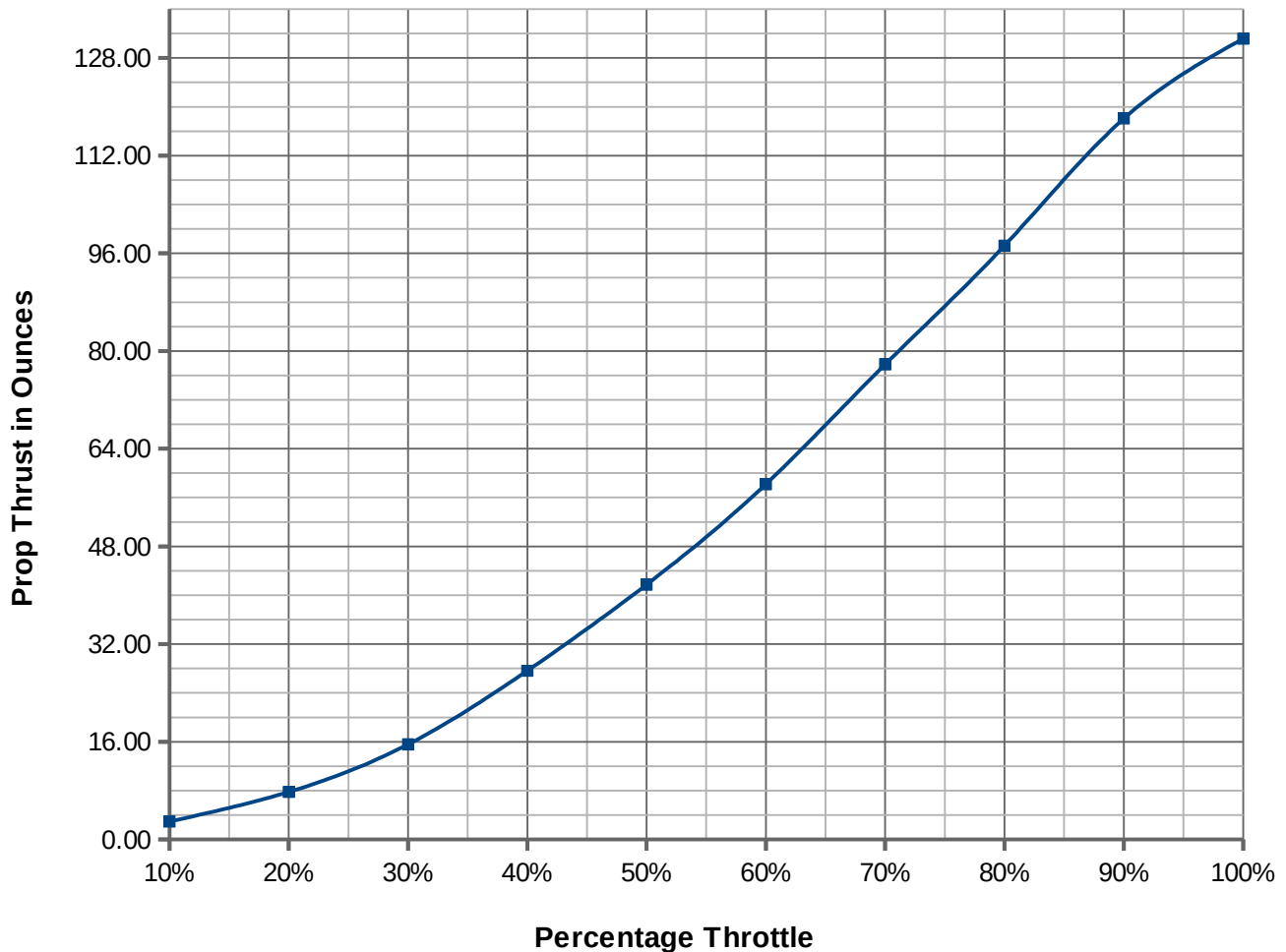
### Propeller RPM vs Throttle Position



# Cobra CM-4515-24 Motor Test Data, Kv=325

Data Collected at 22.2 volts with APC 18x5.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.26	5.77	965	83.1	2.93	14.40
20%	0.63	13.94	1,537	220.9	7.79	15.84
30%	1.34	29.77	2,099	441.9	15.57	14.84
40%	2.72	60.45	2,717	784.1	27.63	12.97
50%	4.70	104.43	3,309	1184.6	41.75	11.34
60%	7.47	165.77	3,897	1651.2	58.19	9.96
70%	11.36	252.28	4,444	2208.4	77.83	8.75
80%	15.84	351.67	4,954	2759.8	97.26	7.85
90%	21.20	470.53	5,420	3350.5	118.08	7.12
100%	24.81	550.74	5,689	3721.6	131.16	6.76

## Propeller Thrust vs Throttle Position



## Cobra CM-4515-24 Motor Test Data, Kv=325

Data Collected at 22.2 volts with APC 18x5.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.26	5.77	965	83.1	2.93	14.40
20%	0.63	13.94	1,537	220.9	7.79	15.84
30%	1.34	29.77	2,099	441.9	15.57	14.84
40%	2.72	60.45	2,717	784.1	27.63	12.97
50%	4.70	104.43	3,309	1184.6	41.75	11.34
60%	7.47	165.77	3,897	1651.2	58.19	9.96
70%	11.36	252.28	4,444	2208.4	77.83	8.75
80%	15.84	351.67	4,954	2759.8	97.26	7.85
90%	21.20	470.53	5,420	3350.5	118.08	7.12
100%	24.81	550.74	5,689	3721.6	131.16	6.76

### Propeller Efficiency vs Throttle Position

