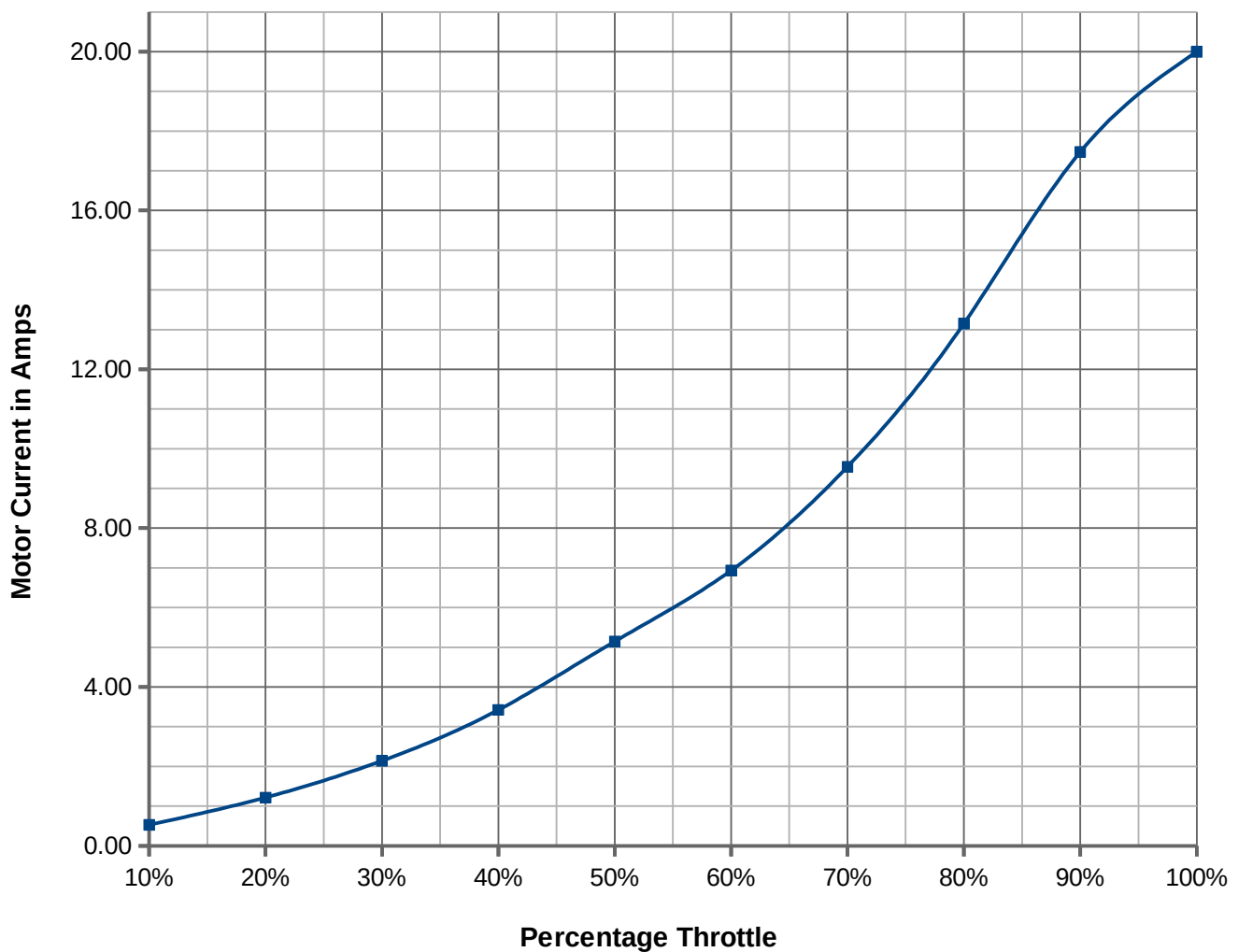


# Cobra CM-2206/20 Motor Test Data, Kv=2100

Data Collected at 14.8 volts with FC 5x4.5x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.53	7.81	5,509	50.0	1.76	6.40
20%	1.22	18.03	8,081	108.4	3.82	6.01
30%	2.14	31.70	10,169	170.8	6.02	5.39
40%	3.42	50.68	12,143	245.3	8.64	4.84
50%	5.15	76.18	13,895	332.1	11.70	4.36
60%	6.93	102.61	15,679	411.7	14.51	4.01
70%	9.55	141.28	17,582	517.1	18.22	3.66
80%	13.15	194.66	19,577	651.5	22.96	3.35
90%	17.48	258.64	21,486	776.6	27.37	3.00
100%	20.00	295.94	22,341	845.4	29.79	2.86

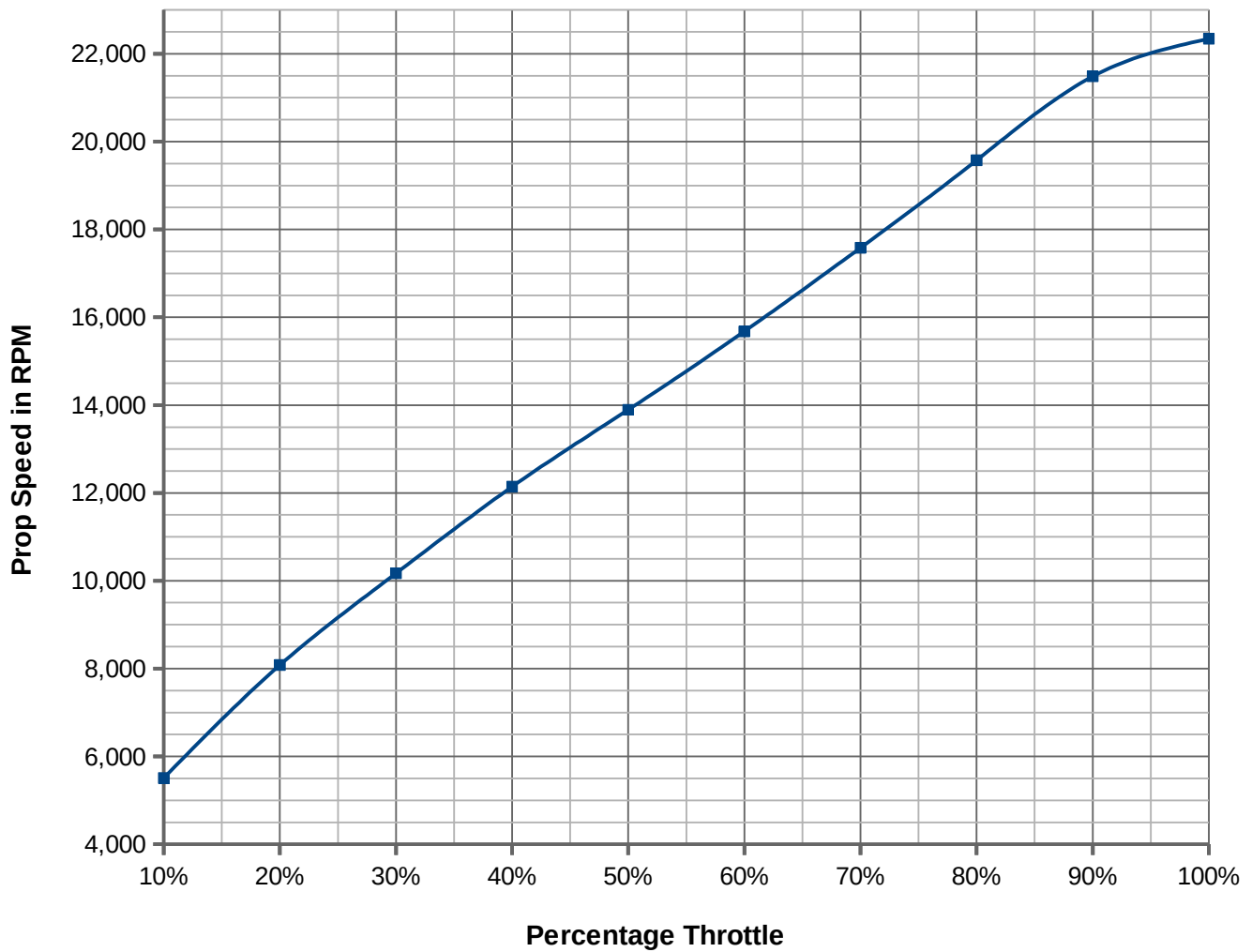
## Motor Current vs Throttle Position



# Cobra CM-2206/20 Motor Test Data, Kv=2100

Data Collected at 14.8 volts with FC 5x4.5x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.53	7.81	5,509	50.0	1.76	6.40
20%	1.22	18.03	8,081	108.4	3.82	6.01
30%	2.14	31.70	10,169	170.8	6.02	5.39
40%	3.42	50.68	12,143	245.3	8.64	4.84
50%	5.15	76.18	13,895	332.1	11.70	4.36
60%	6.93	102.61	15,679	411.7	14.51	4.01
70%	9.55	141.28	17,582	517.1	18.22	3.66
80%	13.15	194.66	19,577	651.5	22.96	3.35
90%	17.48	258.64	21,486	776.6	27.37	3.00
100%	20.00	295.94	22,341	845.4	29.79	2.86

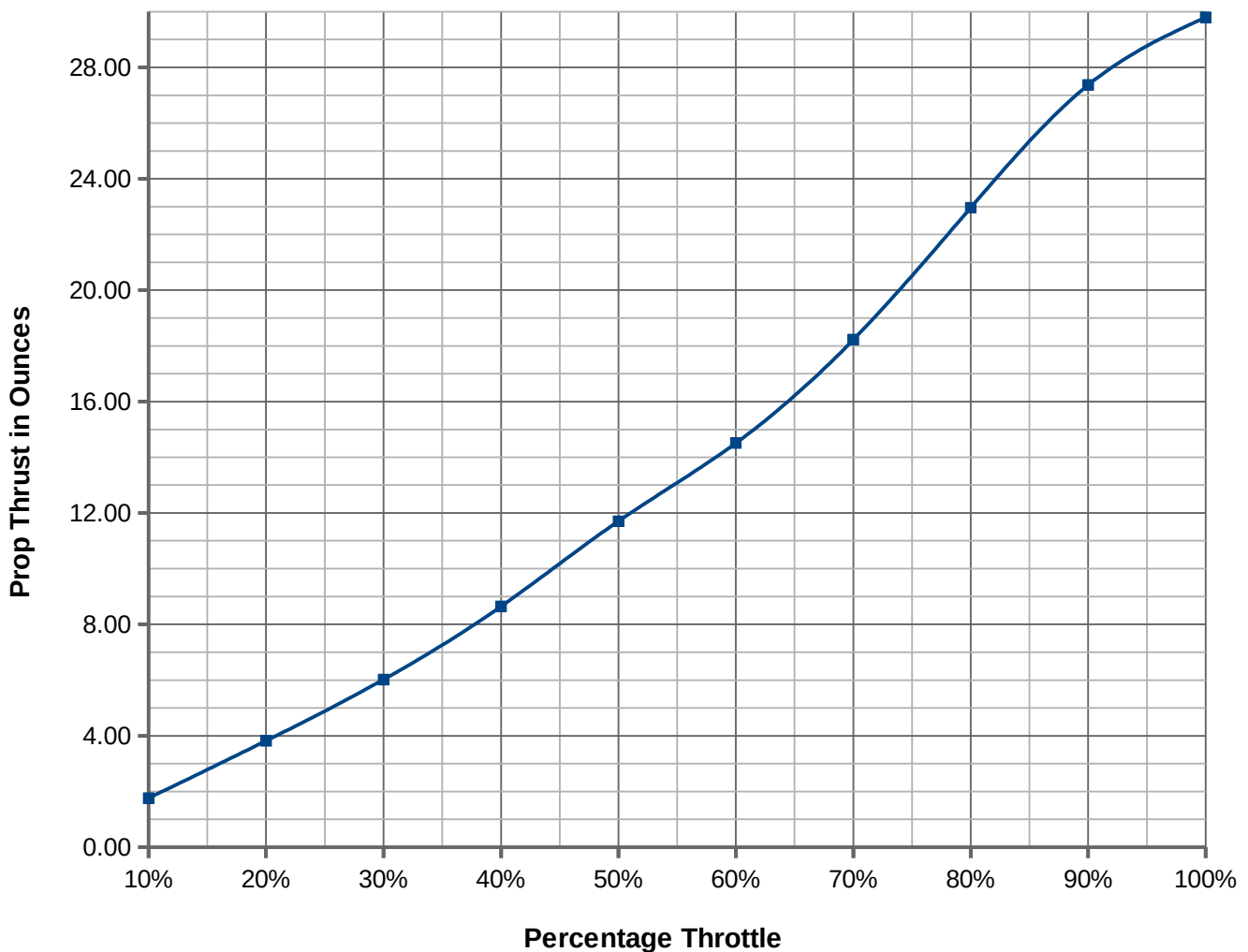
## Propeller RPM vs Throttle Position



## Cobra CM-2206/20 Motor Test Data, Kv=2100

Data Collected at 14.8 volts with FC 5x4.5x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.53	7.81	5,509	50.0	1.76	6.40
20%	1.22	18.03	8,081	108.4	3.82	6.01
30%	2.14	31.70	10,169	170.8	6.02	5.39
40%	3.42	50.68	12,143	245.3	8.64	4.84
50%	5.15	76.18	13,895	332.1	11.70	4.36
60%	6.93	102.61	15,679	411.7	14.51	4.01
70%	9.55	141.28	17,582	517.1	18.22	3.66
80%	13.15	194.66	19,577	651.5	22.96	3.35
90%	17.48	258.64	21,486	776.6	27.37	3.00
100%	20.00	295.94	22,341	845.4	29.79	2.86

### Propeller Thrust vs Throttle Position



# Cobra CM-2206/20 Motor Test Data, Kv=2100

Data Collected at 14.8 volts with FC 5x4.5x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.53	7.81	5,509	50.0	1.76	6.40
20%	1.22	18.03	8,081	108.4	3.82	6.01
30%	2.14	31.70	10,169	170.8	6.02	5.39
40%	3.42	50.68	12,143	245.3	8.64	4.84
50%	5.15	76.18	13,895	332.1	11.70	4.36
60%	6.93	102.61	15,679	411.7	14.51	4.01
70%	9.55	141.28	17,582	517.1	18.22	3.66
80%	13.15	194.66	19,577	651.5	22.96	3.35
90%	17.48	258.64	21,486	776.6	27.37	3.00
100%	20.00	295.94	22,341	845.4	29.79	2.86

## Propeller Efficiency vs Throttle Position

