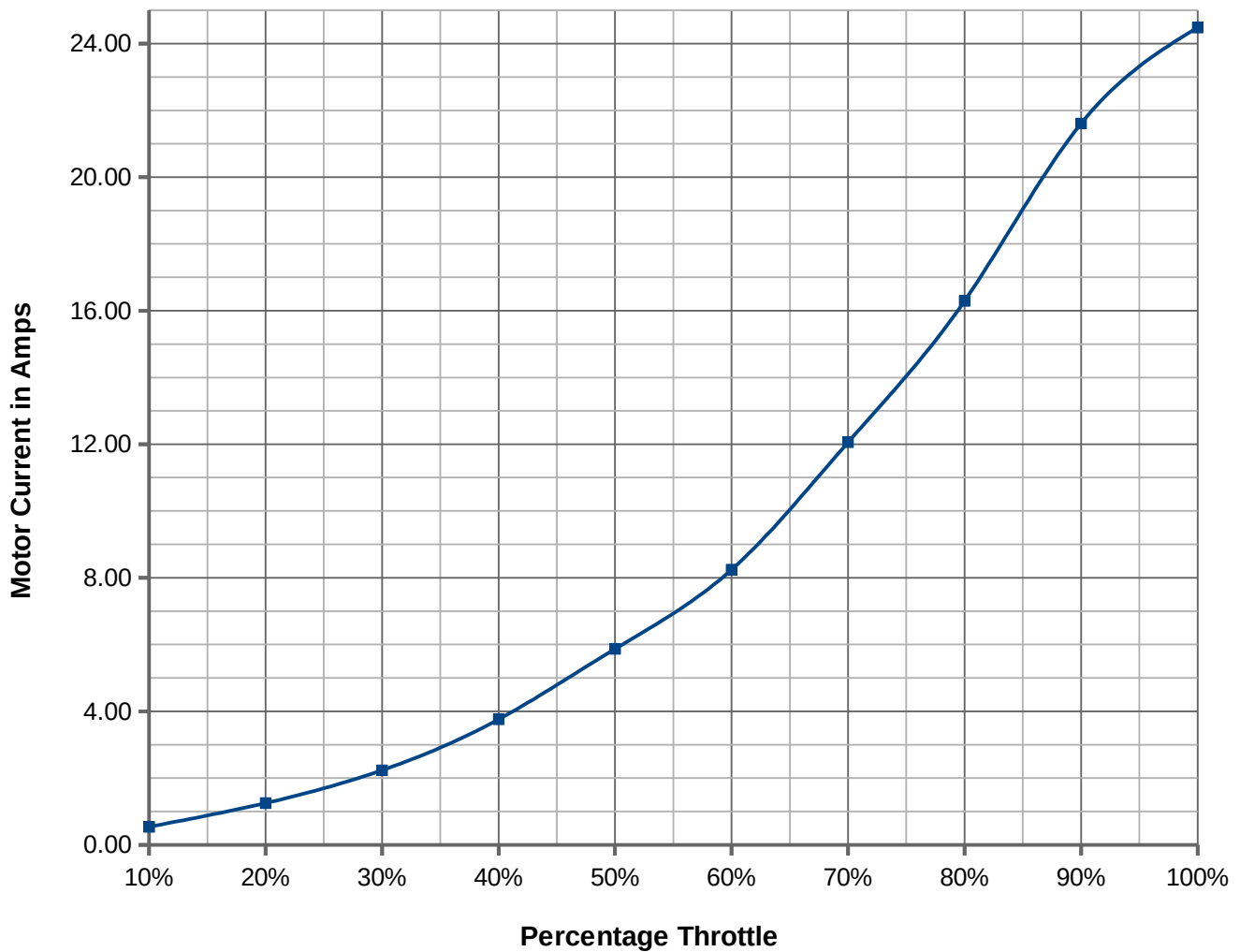


# Cobra CM-2206/20 Motor Test Data, Kv=2100

Data Collected at 14.8 volts with APC 6x4 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.54	8.01	5,170	48.9	1.72	6.11
20%	1.25	18.51	7,509	106.9	3.77	5.77
30%	2.24	33.08	9,439	172.8	6.09	5.22
40%	3.76	55.63	11,474	265.0	9.34	4.76
50%	5.87	86.89	13,348	364.4	12.84	4.19
60%	8.24	121.97	15,012	467.5	16.48	3.83
70%	12.06	178.49	16,975	601.8	21.21	3.37
80%	16.29	241.15	18,599	720.5	25.39	2.99
90%	21.61	319.78	20,188	845.7	29.80	2.64
100%	24.48	362.36	20,848	912.1	32.14	2.52

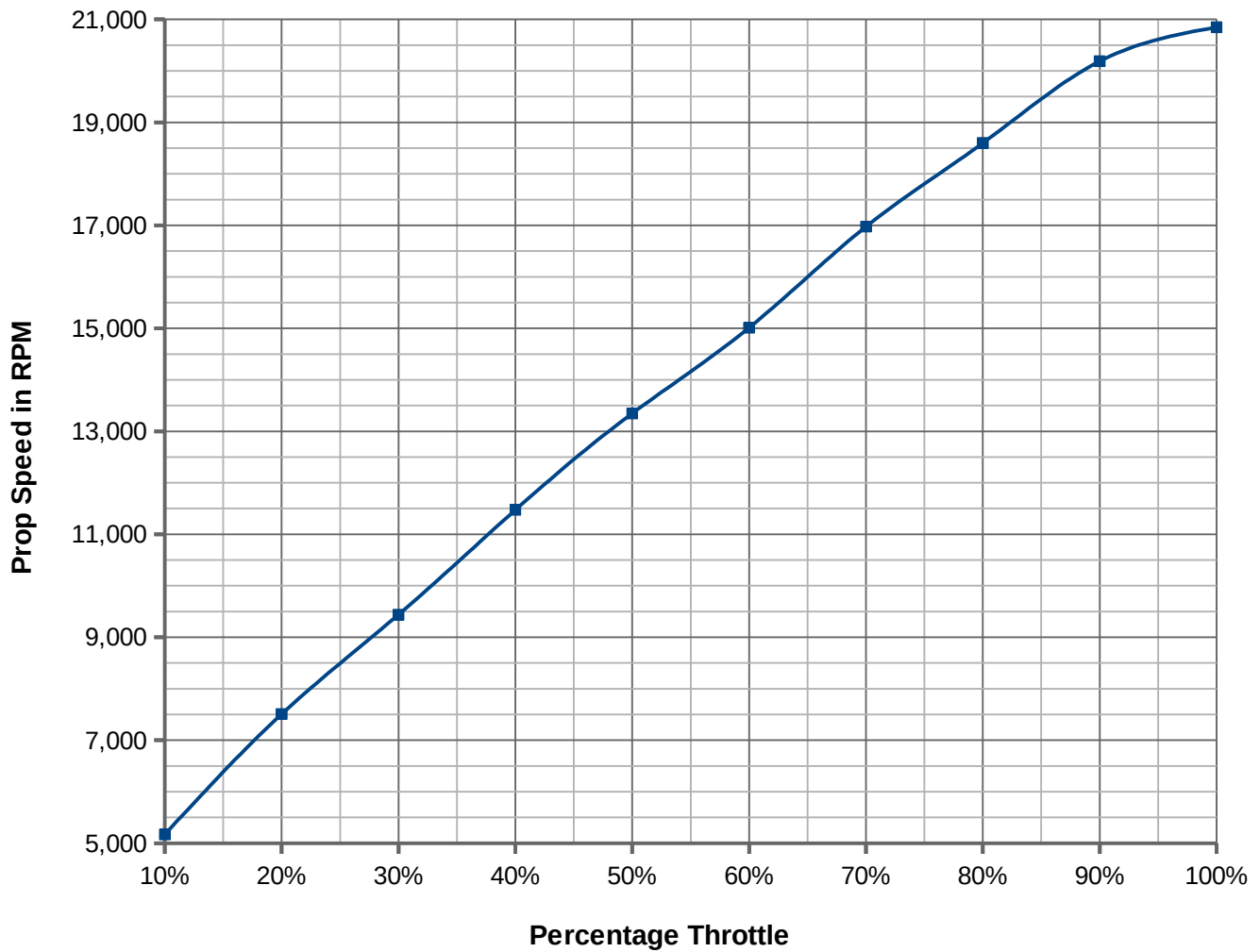
## Motor Current vs Throttle Position



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

Data Collected at 14.8 volts with APC 6x4 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.54	8.01	5,170	48.9	1.72	6.11
20%	1.25	18.51	7,509	106.9	3.77	5.77
30%	2.24	33.08	9,439	172.8	6.09	5.22
40%	3.76	55.63	11,474	265.0	9.34	4.76
50%	5.87	86.89	13,348	364.4	12.84	4.19
60%	8.24	121.97	15,012	467.5	16.48	3.83
70%	12.06	178.49	16,975	601.8	21.21	3.37
80%	16.29	241.15	18,599	720.5	25.39	2.99
90%	21.61	319.78	20,188	845.7	29.80	2.64
100%	24.48	362.36	20,848	912.1	32.14	2.52

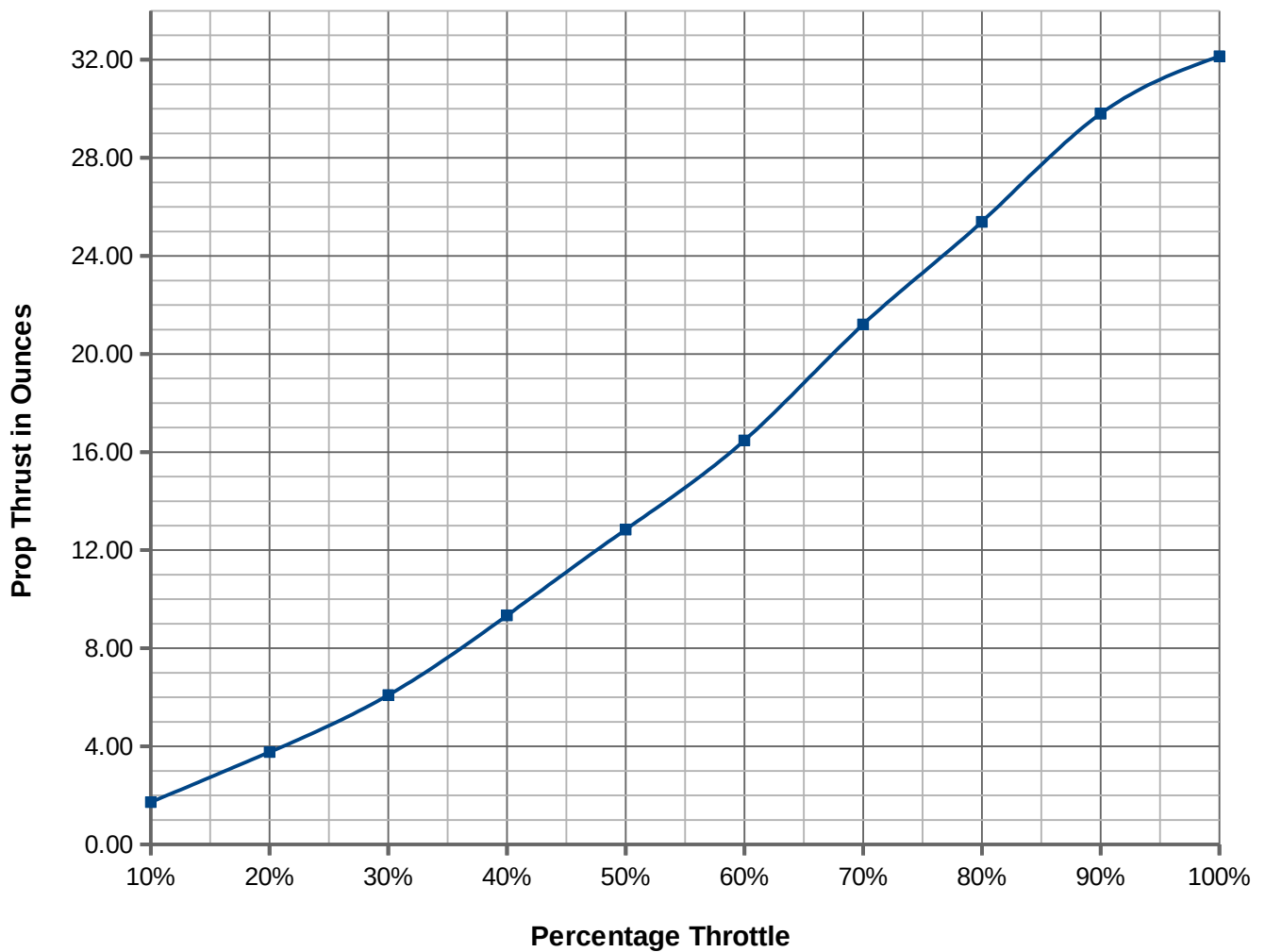
### Propeller RPM vs Throttle Position



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

Data Collected at 14.8 volts with APC 6x4 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.54	8.01	5,170	48.9	1.72	6.11
20%	1.25	18.51	7,509	106.9	3.77	5.77
30%	2.24	33.08	9,439	172.8	6.09	5.22
40%	3.76	55.63	11,474	265.0	9.34	4.76
50%	5.87	86.89	13,348	364.4	12.84	4.19
60%	8.24	121.97	15,012	467.5	16.48	3.83
70%	12.06	178.49	16,975	601.8	21.21	3.37
80%	16.29	241.15	18,599	720.5	25.39	2.99
90%	21.61	319.78	20,188	845.7	29.80	2.64
100%	24.48	362.36	20,848	912.1	32.14	2.52

## Propeller Thrust vs Throttle Position



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

Data Collected at 14.8 volts with APC 6x4 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.54	8.01	5,170	48.9	1.72	6.11
20%	1.25	18.51	7,509	106.9	3.77	5.77
30%	2.24	33.08	9,439	172.8	6.09	5.22
40%	3.76	55.63	11,474	265.0	9.34	4.76
50%	5.87	86.89	13,348	364.4	12.84	4.19
60%	8.24	121.97	15,012	467.5	16.48	3.83
70%	12.06	178.49	16,975	601.8	21.21	3.37
80%	16.29	241.15	18,599	720.5	25.39	2.99
90%	21.61	319.78	20,188	845.7	29.80	2.64
100%	24.48	362.36	20,848	912.1	32.14	2.52

## Propeller Efficiency vs Throttle Position

