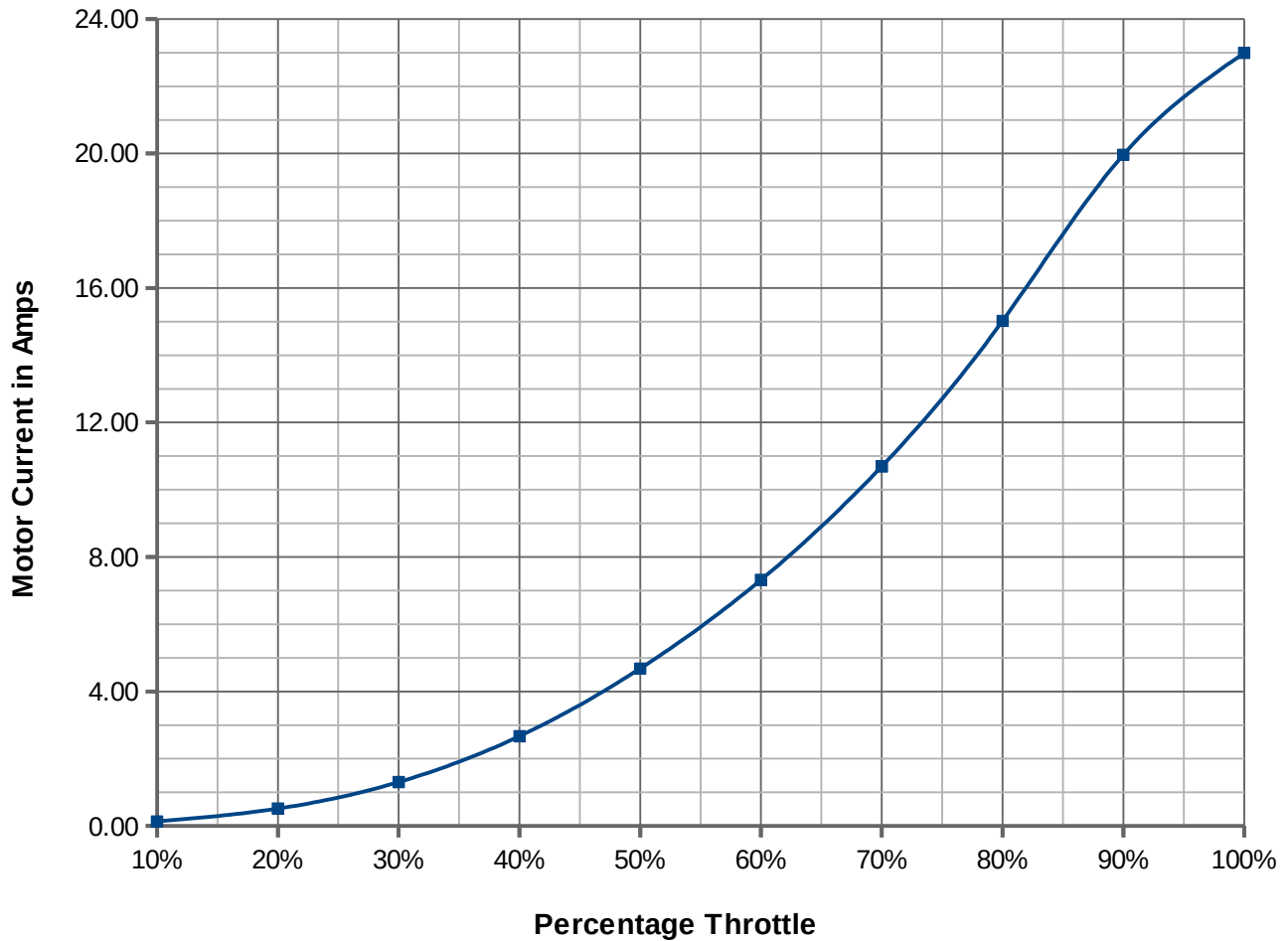


# Cobra CM-3515-34 Motor Test Data, Kv=385

Data Collected at 18.5 volts with RC-Timer 17x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.14	2.50	675	42.1	1.48	16.86
20%	0.52	9.56	1,284	163.4	5.76	17.08
30%	1.31	24.14	1,844	335.0	11.81	13.88
40%	2.67	49.38	2,342	567.5	20.00	11.49
50%	4.68	86.65	2,786	853.6	30.08	9.85
60%	7.32	135.40	3,210	1135.0	40.00	8.38
70%	10.69	197.82	3,601	1429.4	50.38	7.23
80%	15.02	277.93	3,929	1768.8	62.34	6.36
90%	19.97	369.35	4,242	2059.2	72.57	5.58
100%	22.99	425.32	4,383	2198.5	77.48	5.17

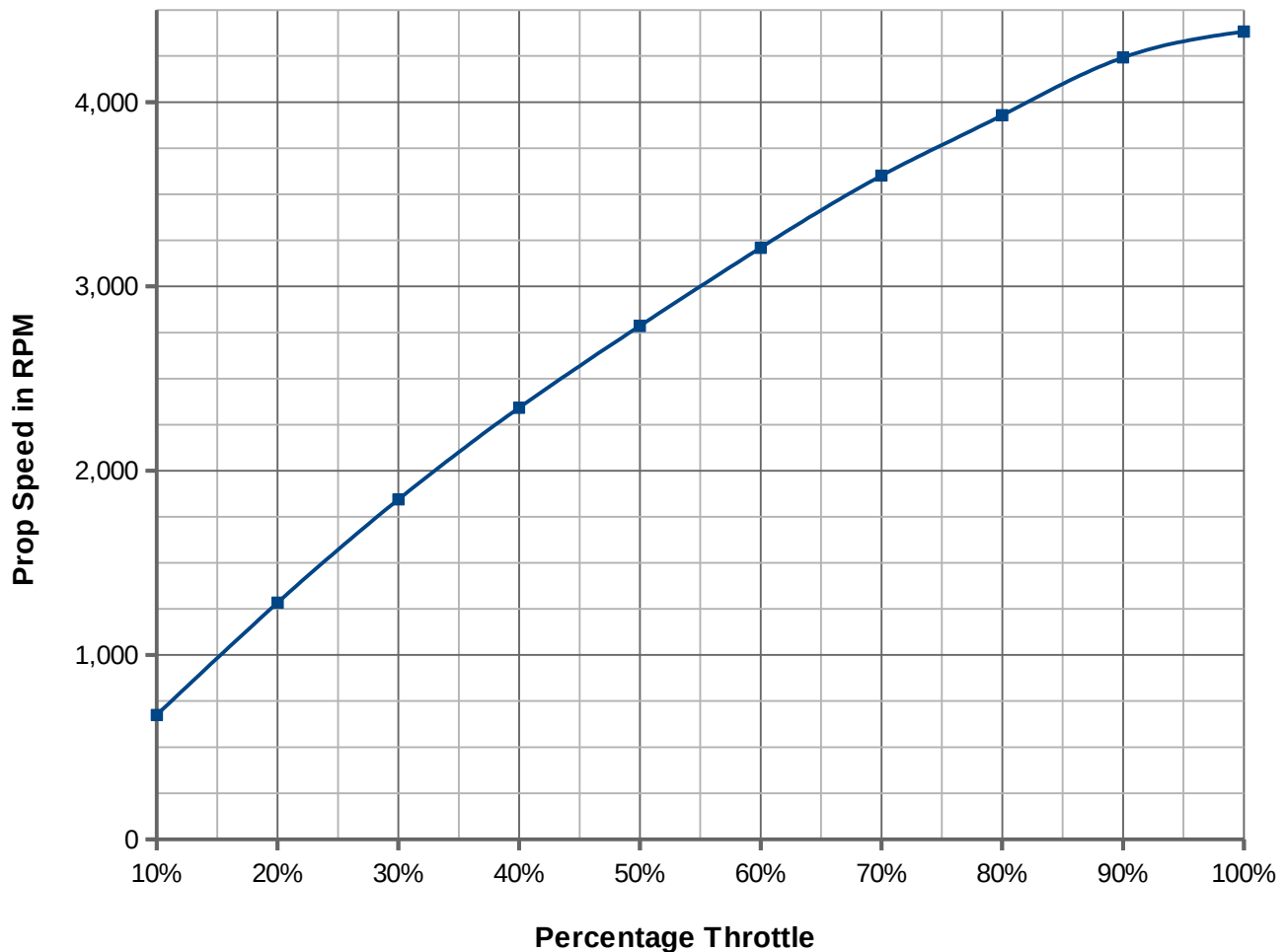
## Motor Current vs Throttle Position



## Cobra CM-3515-34 Motor Test Data, Kv=385

Data Collected at 18.5 volts with RC-Timer 17x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.14	2.50	675	42.1	1.48	16.86
20%	0.52	9.56	1,284	163.4	5.76	17.08
30%	1.31	24.14	1,844	335.0	11.81	13.88
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80%	15.02	277.93	3,929	1768.8	62.34	6.36
90%	19.97	369.35	4,242	2059.2	72.57	5.58
100%	22.99	425.32	4,383	2198.5	77.48	5.17

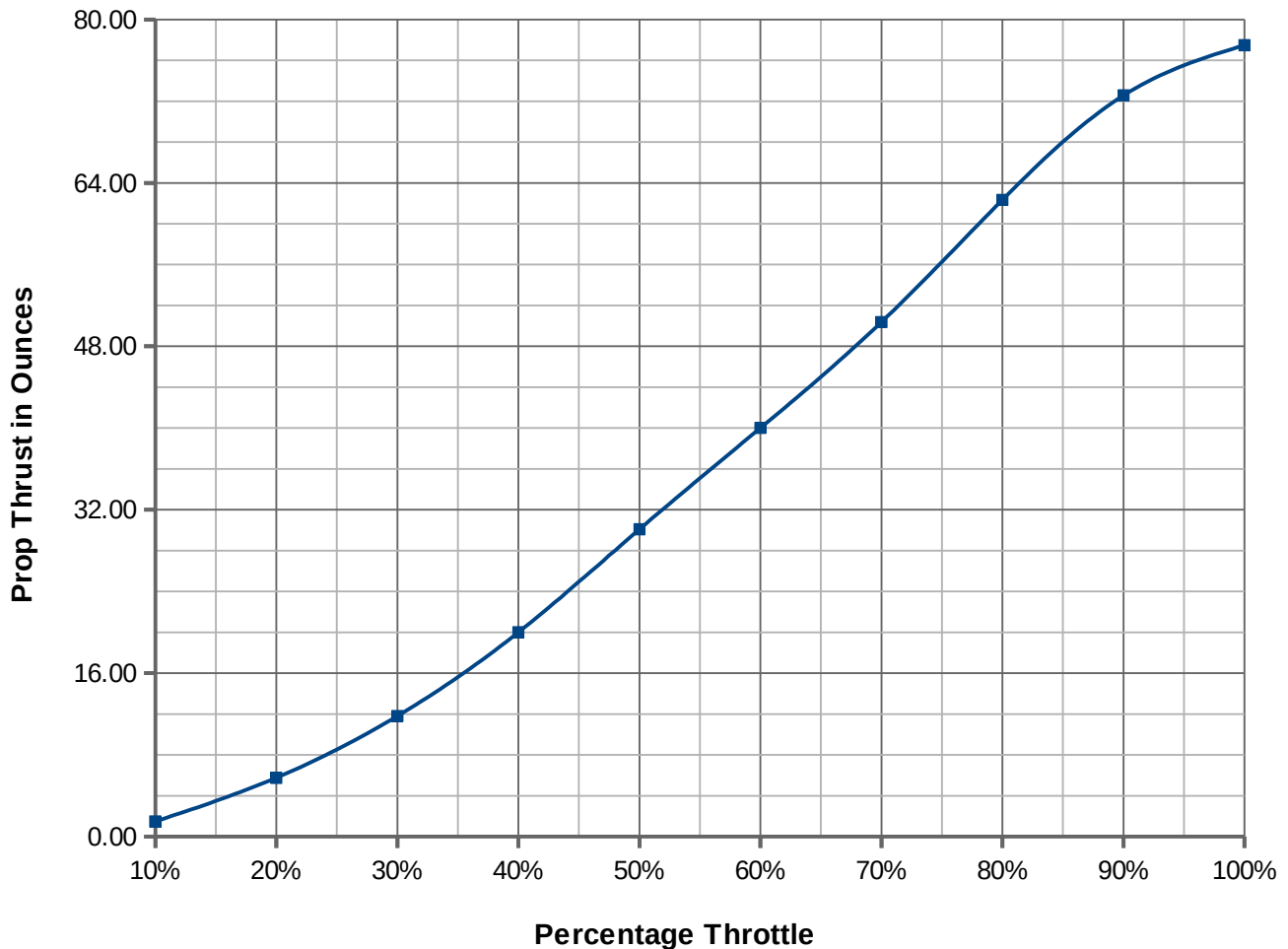
### Propeller RPM vs Throttle Position



## Cobra CM-3515-34 Motor Test Data, Kv=385

Data Collected at 18.5 volts with RC-Timer 17x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.14	2.50	675	42.1	1.48	16.86
20%	0.52	9.56	1,284	163.4	5.76	17.08
30%	1.31	24.14	1,844	335.0	11.81	13.88
40%	2.67	49.38	2,342	567.5	20.00	11.49
50%	4.68	86.65	2,786	853.6	30.08	9.85
60%	7.32	135.40	3,210	1135.0	40.00	8.38
70%	10.69	197.82	3,601	1429.4	50.38	7.23
80%	15.02	277.93	3,929	1768.8	62.34	6.36
90%	19.97	369.35	4,242	2059.2	72.57	5.58
100%	22.99	425.32	4,383	2198.5	77.48	5.17

### Propeller Thrust vs Throttle Position



## Cobra CM-3515-34 Motor Test Data, Kv=385

Data Collected at 18.5 volts with RC-Timer 17x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.14	2.50	675	42.1	1.48	16.86
20%	0.52	9.56	1,284	163.4	5.76	17.08
30%	1.31	24.14	1,844	335.0	11.81	13.88
40%	2.67	49.38	2,342	567.5	20.00	11.49
50%	4.68	86.65	2,786	853.6	30.08	9.85
60%	7.32	135.40	3,210	1135.0	40.00	8.38
70%	10.69	197.82	3,601	1429.4	50.38	7.23
80%	15.02	277.93	3,929	1768.8	62.34	6.36
90%	19.97	369.35	4,242	2059.2	72.57	5.58
100%	22.99	425.32	4,383	2198.5	77.48	5.17

### Propeller Efficiency vs Throttle Position

