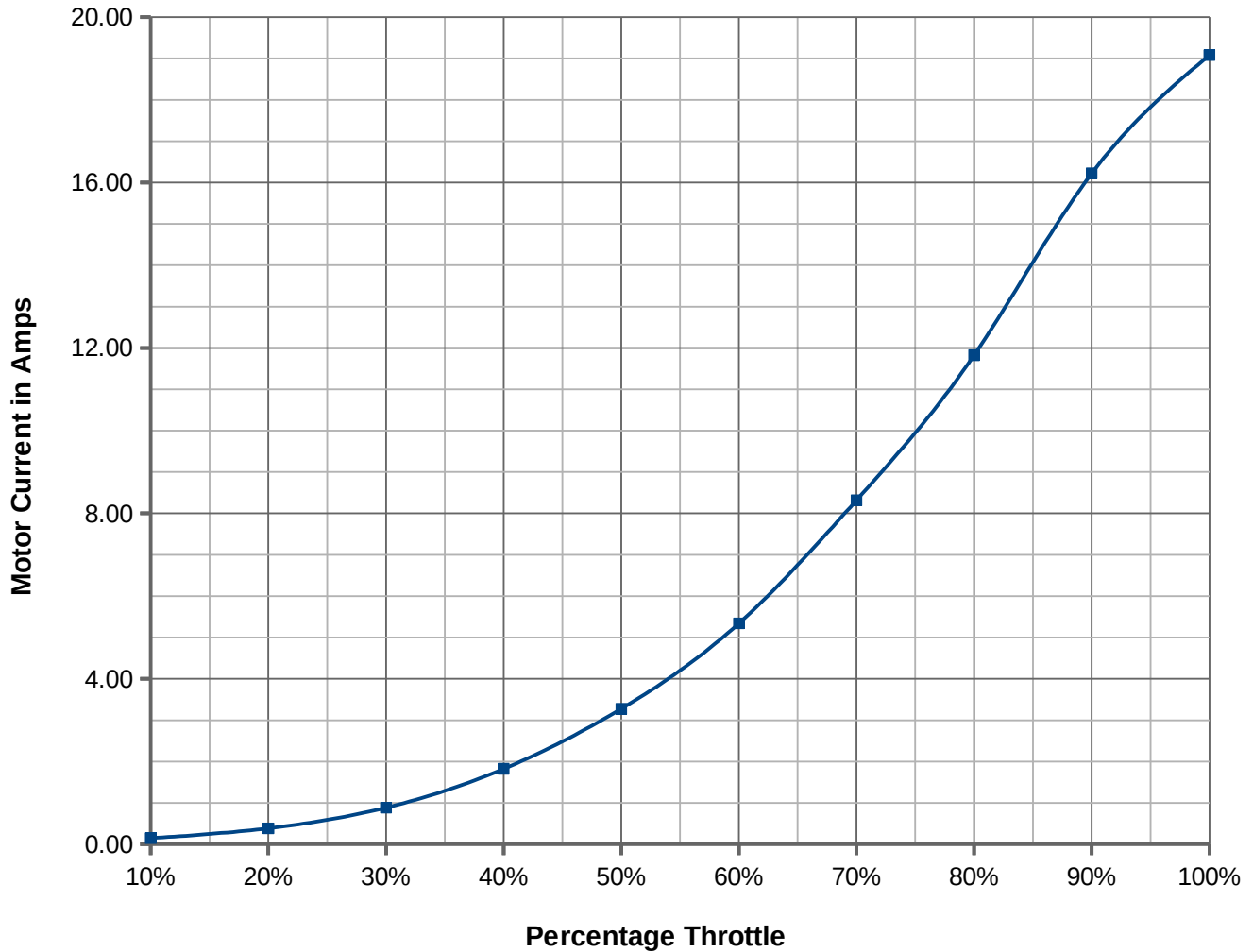


Cobra CM-4010-32 Motor Test Data, Kv=350

Data Collected at 18.5 volts with RC-Timer 15x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.15	2.70	772	35.8	1.26	13.25
20%	0.39	7.12	1,328	114.0	4.02	16.01
30%	0.89	16.37	1,911	236.5	8.34	14.44
40%	1.82	33.73	2,475	412.7	14.56	12.24
50%	3.28	60.59	2,971	638.5	22.52	10.54
60%	5.34	98.81	3,461	894.6	31.56	9.05
70%	8.32	153.86	3,920	1192.3	42.06	7.75
80%	11.83	218.80	4,308	1462.8	51.60	6.69
90%	16.22	300.11	4,673	1759.0	62.05	5.86
100%	19.08	353.00	4,865	1917.4	67.63	5.43

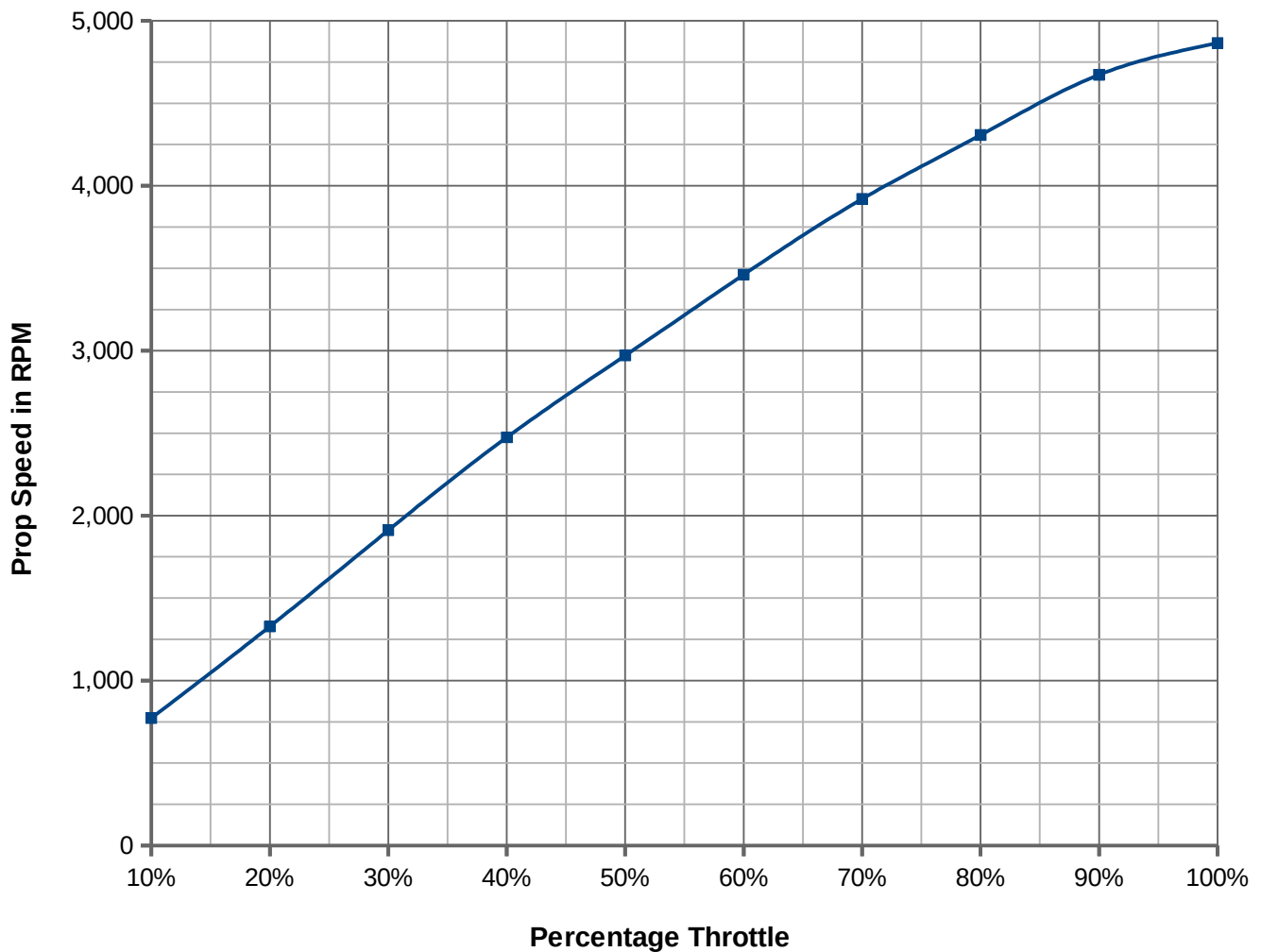
Motor Current vs Throttle Position



Cobra CM-4010-32 Motor Test Data, Kv=350

Data Collected at 18.5 volts with RC-Timer 15x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
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20%	0.39	7.12	1,328	114.0	4.02	16.01
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100%	19.08	353.00	4,865	1917.4	67.63	5.43

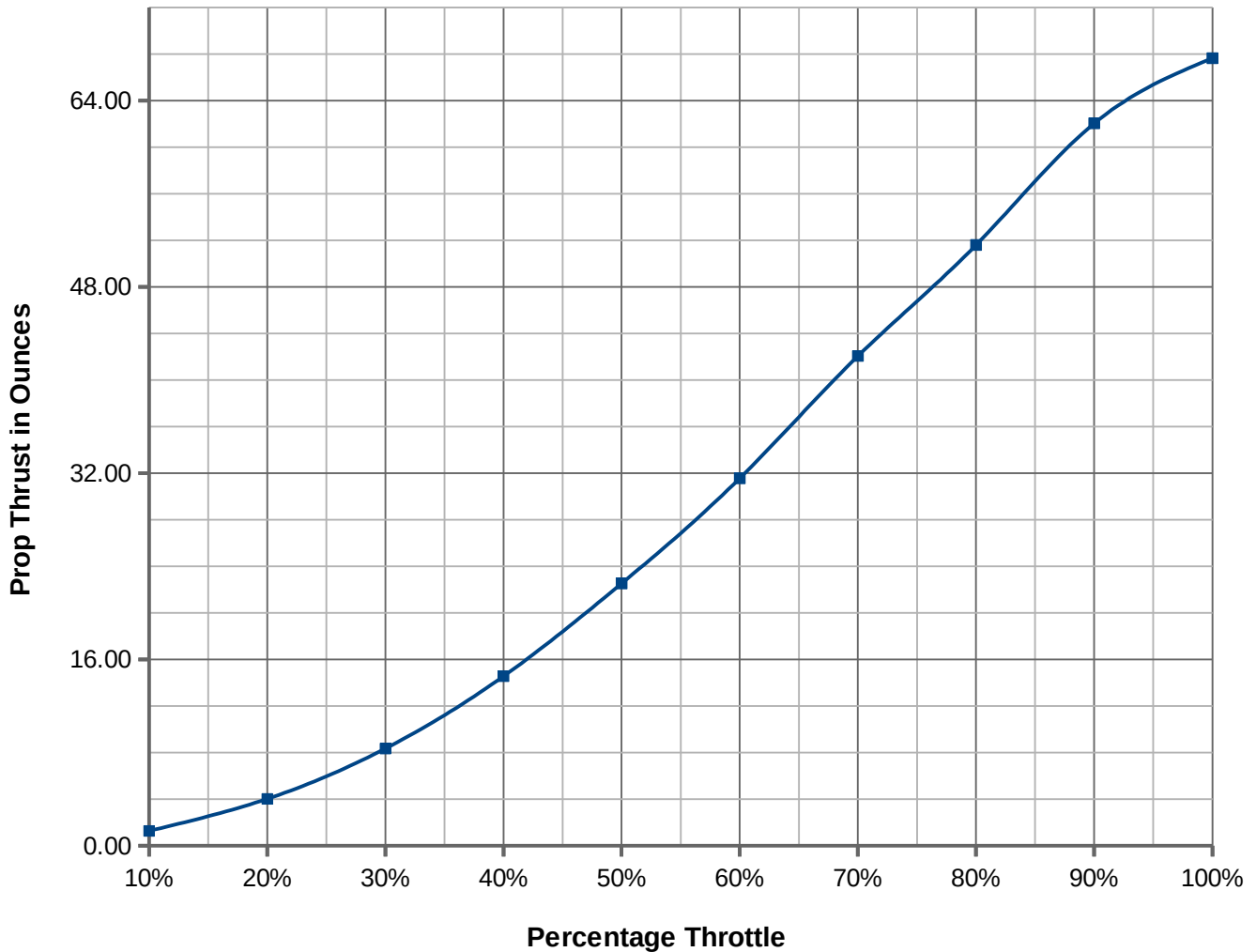
Propeller RPM vs Throttle Position



Cobra CM-4010-32 Motor Test Data, Kv=350

Data Collected at 18.5 volts with RC-Timer 15x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.15	2.70	772	35.8	1.26	13.25
20%	0.39	7.12	1,328	114.0	4.02	16.01
30%	0.89	16.37	1,911	236.5	8.34	14.44
40%	1.82	33.73	2,475	412.7	14.56	12.24
50%	3.28	60.59	2,971	638.5	22.52	10.54
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80%	11.83	218.80	4,308	1462.8	51.60	6.69
90%	16.22	300.11	4,673	1759.0	62.05	5.86
100%	19.08	353.00	4,865	1917.4	67.63	5.43

Propeller Thrust vs Throttle Position



Cobra CM-4010-32 Motor Test Data, Kv=350

Data Collected at 18.5 volts with RC-Timer 15x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.15	2.70	772	35.8	1.26	13.25
20%	0.39	7.12	1,328	114.0	4.02	16.01
30%	0.89	16.37	1,911	236.5	8.34	14.44
40%	1.82	33.73	2,475	412.7	14.56	12.24
50%	3.28	60.59	2,971	638.5	22.52	10.54
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70%	8.32	153.86	3,920	1192.3	42.06	7.75
80%	11.83	218.80	4,308	1462.8	51.60	6.69
90%	16.22	300.11	4,673	1759.0	62.05	5.86
100%	19.08	353.00	4,865	1917.4	67.63	5.43

Propeller Efficiency vs Throttle Position

