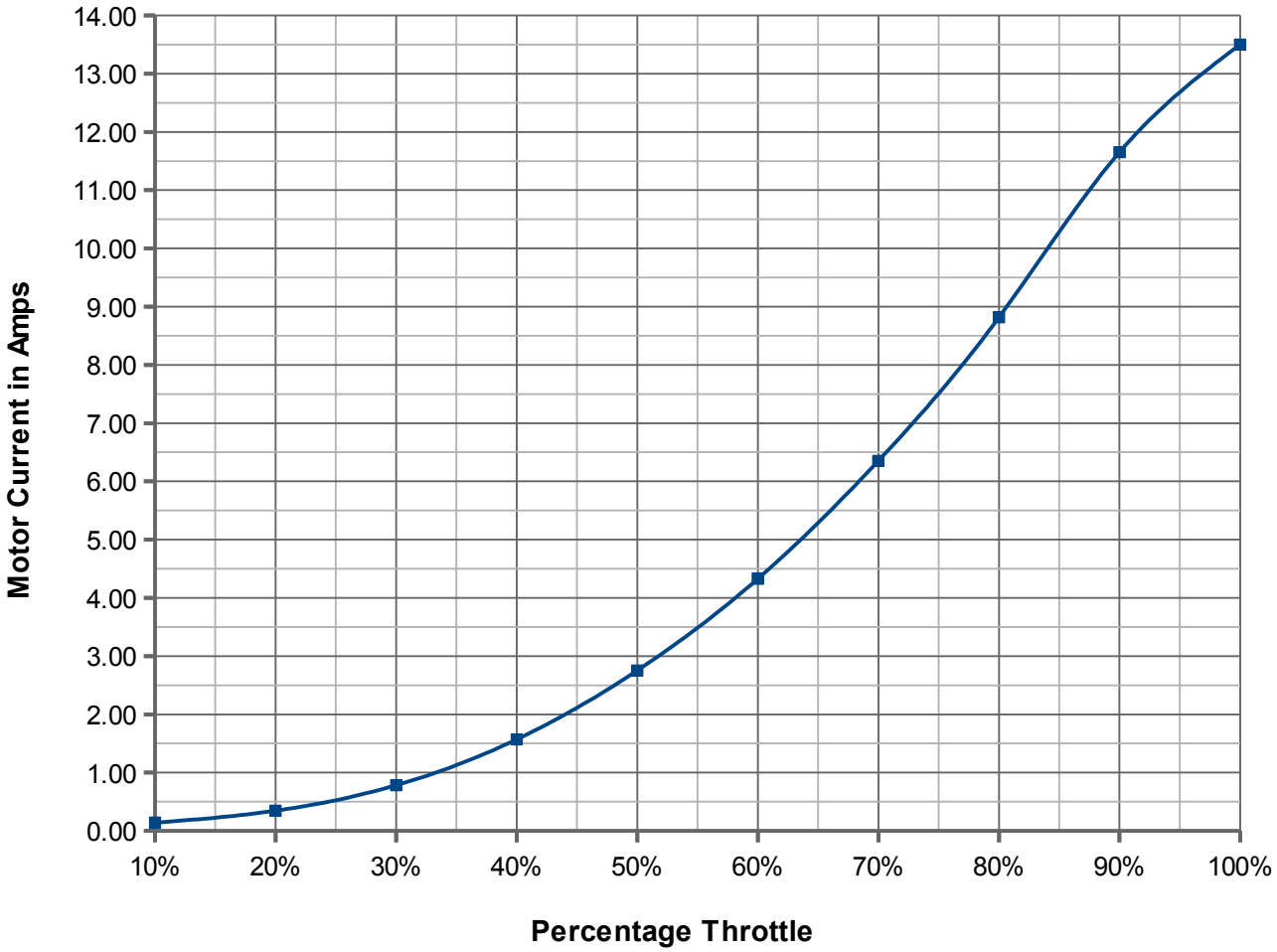
# Cobra CM-2217-26 Motor Test Data, Kv=695

| Data Collected at 11.1 volts with APC 14x5.5-MR Prop | | | | | | |
|---|---|---|---|---|---|---|
| **Throttle Setting** | **Motor Amps** | **Input Watts** | **Prop RPM** | **Thrust (Grams)** | **Thrust (Ounces)** | **Efficiency Grams/W** |
| **10%** | 0.14 | 1.55 | 819 | 28.9 | 1.02 | 18.60 |
| **20%** | 0.35 | 3.84 | 1,325 | 68.7 | 2.42 | 17.89 |
| **30%** | 0.78 | 8.70 | 1,859 | 139.6 | 4.92 | 16.04 |
| **40%** | 1.57 | 17.44 | 2,418 | 247.5 | 8.72 | 14.19 |
| **50%** | 2.75 | 30.57 | 2,938 | 377.5 | 13.30 | 12.35 |
| **60%** | 4.33 | 48.03 | 3,417 | 524.3 | 18.48 | 10.92 |
| **70%** | 6.35 | 70.52 | 3,864 | 682.3 | 24.05 | 9.68 |
| **80%** | 8.82 | 97.88 | 4,256 | 842.3 | 29.68 | 8.61 |
| **90%** | 11.65 | 129.35 | 4,615 | 1019.6 | 35.93 | 7.88 |
| **100%** | 13.50 | 149.84 | 4,818 | 1097.2 | 38.67 | 7.32 |

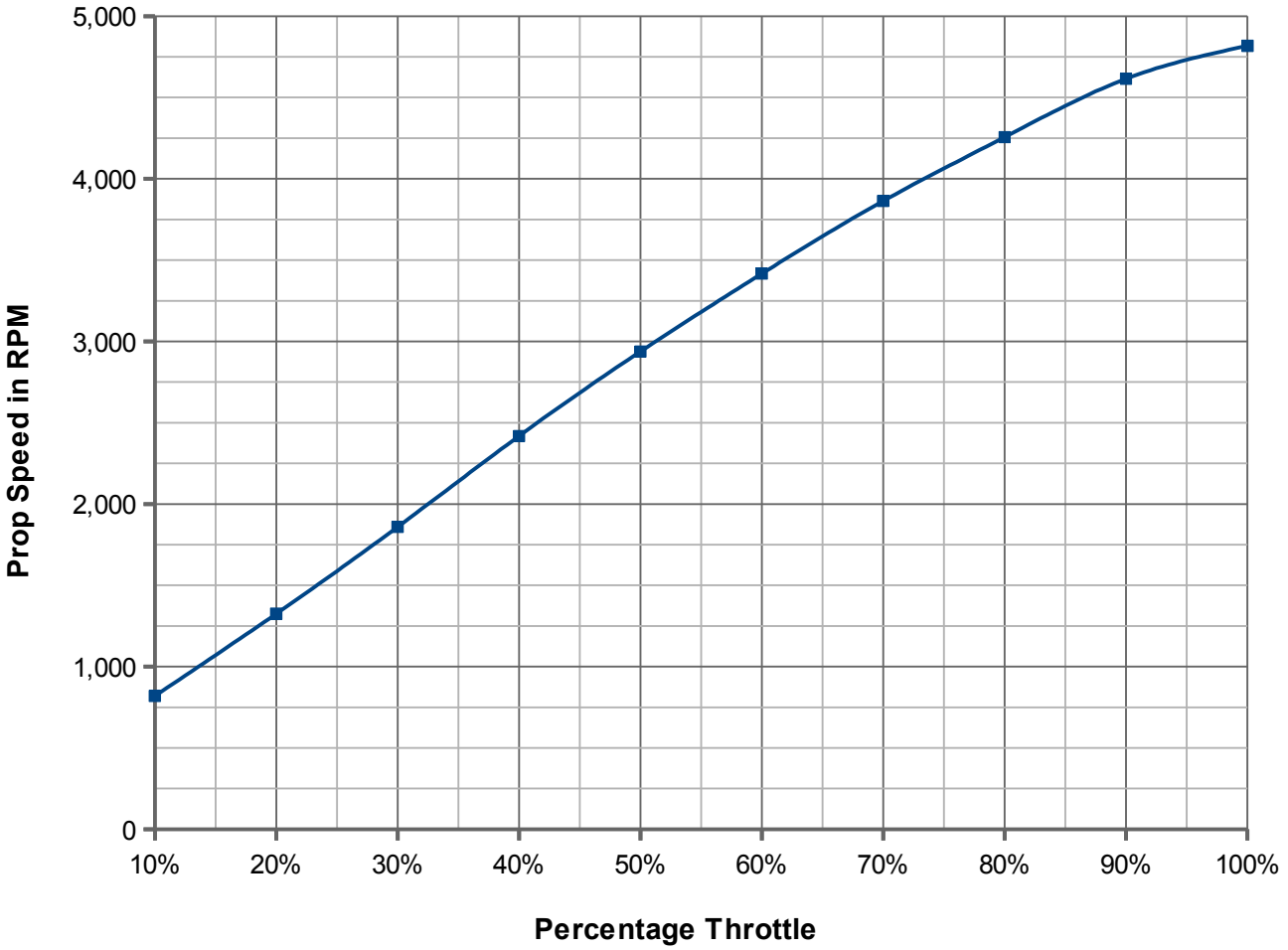
## Motor Current vs Throttle Position



# Cobra CM-2217-26 Motor Test Data, Kv=695

| Data Collected at 11.1 volts with APC 14x5.5-MR Prop | | | | | | |
|---|---|---|---|---|---|---|
| **Throttle Setting** | **Motor Amps** | **Input Watts** | **Prop RPM** | **Thrust (Grams)** | **Thrust (Ounces)** | **Efficiency Grams/W** |
| **10%** | 0.14 | 1.55 | 819 | 28.9 | 1.02 | 18.60 |
| **20%** | 0.35 | 3.84 | 1,325 | 68.7 | 2.42 | 17.89 |
| **30%** | 0.78 | 8.70 | 1,859 | 139.6 | 4.92 | 16.04 |
| **40%** | 1.57 | 17.44 | 2,418 | 247.5 | 8.72 | 14.19 |
| **50%** | 2.75 | 30.57 | 2,938 | 377.5 | 13.30 | 12.35 |
| **60%** | 4.33 | 48.03 | 3,417 | 524.3 | 18.48 | 10.92 |
| **70%** | 6.35 | 70.52 | 3,864 | 682.3 | 24.05 | 9.68 |
| **80%** | 8.82 | 97.88 | 4,256 | 842.3 | 29.68 | 8.61 |
| **90%** | 11.65 | 129.35 | 4,615 | 1019.6 | 35.93 | 7.88 |
| **100%** | 13.50 | 149.84 | 4,818 | 1097.2 | 38.67 | 7.32 |

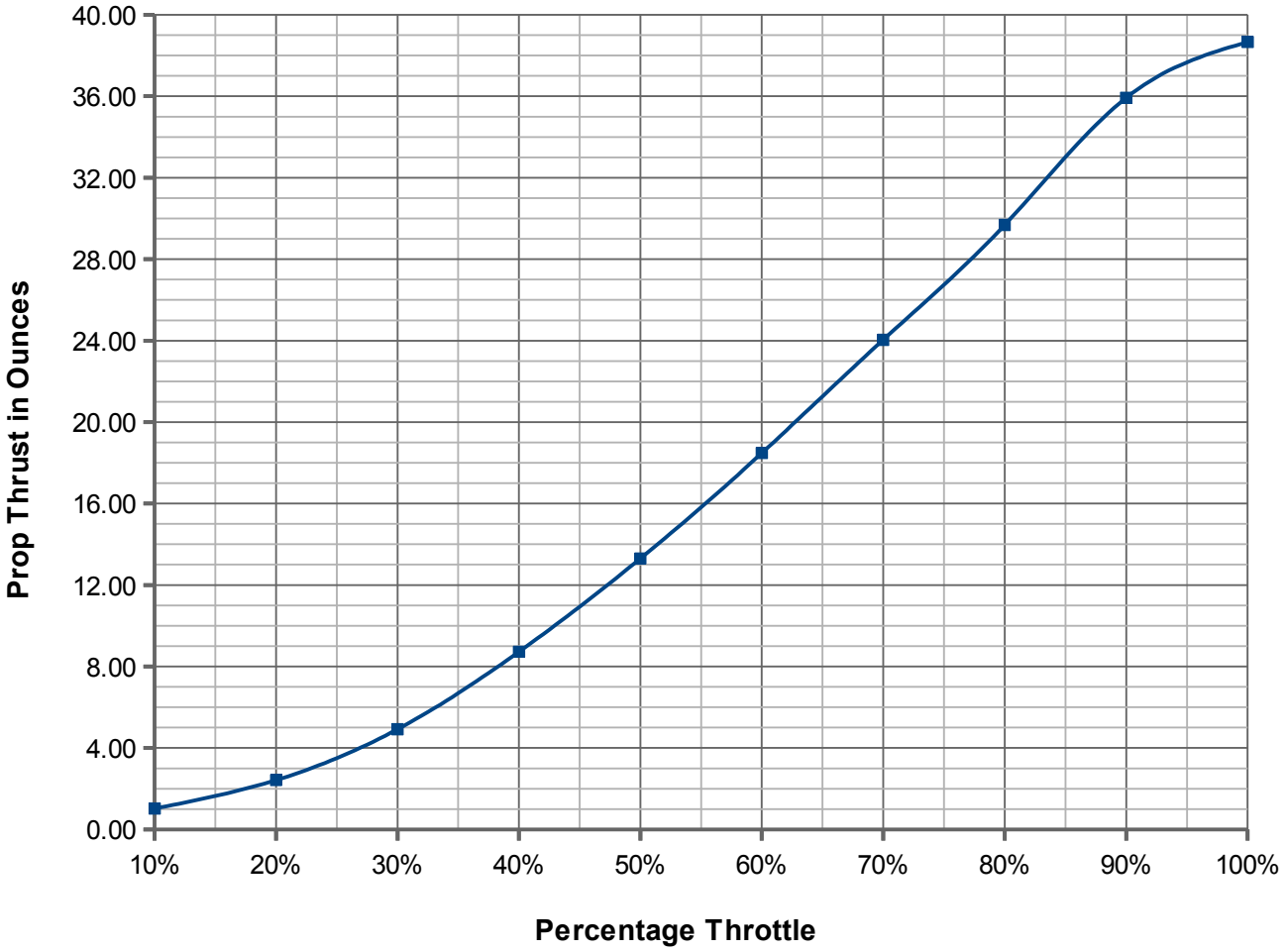
## Propeller RPM vs Throttle Position



# Cobra CM-2217-26 Motor Test Data, Kv=695

| Data Collected at 11.1 volts with APC 14x5.5-MR Prop | | | | | | |
|---|---|---|---|---|---|---|
| **Throttle Setting** | **Motor Amps** | **Input Watts** | **Prop RPM** | **Thrust (Grams)** | **Thrust (Ounces)** | **Efficiency Grams/W** |
| **10%** | 0.14 | 1.55 | 819 | 28.9 | 1.02 | 18.60 |
| **20%** | 0.35 | 3.84 | 1,325 | 68.7 | 2.42 | 17.89 |
| **30%** | 0.78 | 8.70 | 1,859 | 139.6 | 4.92 | 16.04 |
| **40%** | 1.57 | 17.44 | 2,418 | 247.5 | 8.72 | 14.19 |
| **50%** | 2.75 | 30.57 | 2,938 | 377.5 | 13.30 | 12.35 |
| **60%** | 4.33 | 48.03 | 3,417 | 524.3 | 18.48 | 10.92 |
| **70%** | 6.35 | 70.52 | 3,864 | 682.3 | 24.05 | 9.68 |
| **80%** | 8.82 | 97.88 | 4,256 | 842.3 | 29.68 | 8.61 |
| **90%** | 11.65 | 129.35 | 4,615 | 1019.6 | 35.93 | 7.88 |
| **100%** | 13.50 | 149.84 | 4,818 | 1097.2 | 38.67 | 7.32 |

## Propeller Thrust vs Throttle Position



# Cobra CM-2217-26 Motor Test Data, Kv=695

| Data Collected at 11.1 volts with APC 14x5.5-MR Prop | | | | | | |
|---|---|---|---|---|---|---|
| **Throttle Setting** | **Motor Amps** | **Input Watts** | **Prop RPM** | **Thrust (Grams)** | **Thrust (Ounces)** | **Efficiency Grams/W** |
| **10%** | 0.14 | 1.55 | 819 | 28.9 | 1.02 | 18.60 |
| **20%** | 0.35 | 3.84 | 1,325 | 68.7 | 2.42 | 17.89 |
| **30%** | 0.78 | 8.70 | 1,859 | 139.6 | 4.92 | 16.04 |
| **40%** | 1.57 | 17.44 | 2,418 | 247.5 | 8.72 | 14.19 |
| **50%** | 2.75 | 30.57 | 2,938 | 377.5 | 13.30 | 12.35 |
| **60%** | 4.33 | 48.03 | 3,417 | 524.3 | 18.48 | 10.92 |
| **70%** | 6.35 | 70.52 | 3,864 | 682.3 | 24.05 | 9.68 |
| **80%** | 8.82 | 97.88 | 4,256 | 842.3 | 29.68 | 8.61 |
| **90%** | 11.65 | 129.35 | 4,615 | 1019.6 | 35.93 | 7.88 |
| **100%** | 13.50 | 149.84 | 4,818 | 1097.2 | 38.67 | 7.32 |

## Propeller Efficiency vs Throttle Position