

Name(First & Last) _____

Per. _____

Rotocopter Lab Report

1. State the Problem

How does the effect of _____ effect the hangtime?

The Independent variable is the _____, and the Dependent variable is the _____.

2. Hypothesis

If I _____, then the hangtime will be more than my old alpha's hangtime (X.XX sec.)

3. Design the Experiment

Materials:

Paper

Pencil

Etc.

Procedure:

1.

2.

3.

*Diagram page- ALL dimensions for both old and new Alphas should be in cm. Tell your reader where this page is.

4. Results/Data Table insert table (7 x 3)

	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5	Mean
Old Alpha						
New Alpha						

5. Data Analysis/Conclusion

***Paragraph 1-**

-What is your data telling you and what does it mean? Include data

-Make **2 comparisons** of **means**, old alpha vs. old beta and old alpha vs. new alpha. Use data to back up your claims.

***Paragraph 2-**

-Start with... My hypothesis was correct/incorrect and **explain why**. **Use data** to back up your claims.

-Possible errors

-If I did this experiment again I would change my rotocopter by , because...