

CHAPTER

I ABSTRACT

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The problem is, "Will the number of paper clips on the nose of a paper airplane affect the distance that it can fly?"

It is hypothesized that five paper clips on the nose of a paper airplane will make the plane fly farther than with none, one, or three paper clips on the plane's nose.

A brief procedure of the experiment is as follows. One plane was made according to the directions given in the Procedure of Investigation. This same plane was flight tested in the same breezeless hallway, using the same amount of thrust, and the same angle of release to fly the plane. The flight distances for each test was measured in meters. All tests were repeated for a total of three trials. That is, three tests for each of the following: no paper clips, one paper clip, three paper clips, and five paper clips. Data were taken and recorded.

The results do support the hypothesis.