



THE ROTO-COPTER PRINCIPAL INVESTIGATOR INSTRUCTION SHEET

I. ACTIVITY

In this activity you will measure the amount of time it takes various sizes of roto-copters to descend.

II. MATERIALS

Have the Materials Manager collect the materials for the activity and bring to the team work station.

Principal Investigator Sheet
Data Sheet
Roto-Copters
Timers
Calculators

III. DATA COLLECTION/PRESENTATION

The Principal Investigator will direct the measurement of the roto-copters descent times. The goal is to obtain three good times for each size of roto-copter.

The Principal Investigator will be responsible for dropping each of the different sizes of roto-copters. The Materials Manager will be responsible for the timing of each descent and the Materials Director will return the roto-copter to the Principal Investigator.

The Recorder-Reporter will enter all the times on the Data Sheet and calculate each of the averages. Once all calculations are completed, the Recorder-Reporter will write-up the conclusion.

IV. GROUP CLEAN UP

The Maintenance Director will direct work station clean up. The Materials Manager will return all activity materials to the materials area.