Objective: To make a paper airplane that will land closest to a target 50 feet away.

Judging: Judging will depend on the final resting point of the plane. Distance “R” (see Figure 1) will be measure from the final resting point of the nose of the plane to the center of the target area.

![Figure 1: Competition Layout](image)

Materials: The only material that may be used is one sheet of 8.5" x 11", 20 lb. paper (no glue, tape, staples, etc.). Cutting the paper is permitted. Contestants must use the paper that will be provided five minutes prior to the start of competition. No substitutions will be permitted.

Rules:

1. Each participant must hand-launch his or her own plane with no external aid.
2. The participant is responsible for taking into account any wind present.
3. Every participant must stand behind the starting line during launch.
4. Each participant has 15 seconds to launch his or her plane.
5. Only one official launching will be allowed for each participant.
6. Practice launches are not allowed on the contest floor during competition.
7. Planes must be neatly folded. No crumpled paper balls, etc., will be allowed.
8. In the event of a tie, the plane with the furthest "L" will be declared the winner.
9. The decision of the judge is final.

(If you have any questions, please send an e-mail to expo@wiliki.eng.hawaii.edu)