

CONTEST RULES
2010 CWRU Paper Airplane Contest
Thursday, February 18th, 2010
11:30 am-1:00 pm
Nord Atrium

TYPE OF CONTEST: Team

COMPOSITION OF TEAM: 1-3 students per team

NUMBER OF TEAMS: maximum of 40

SPONSOR: Women in Science and Engineering Roundtable (WISER), Case Alumni Association (CAA)

OVERVIEW: Students will **design and construct** up to two (2) different paper airplanes. One airplane is to be designed to maximize 'hang' (flight) time. The other airplane is to be designed for accuracy when launched towards a pre-determined target.

MATERIALS: Each team will be presented the supplies for the paper airplane.

RULES:

- 1) Students must design and construct their paper airplane(s) using the materials supplied by the sponsor at the beginning of the contest. All teams will receive the same materials. No additional materials can be used. A list of supplies **will not** be provided in advance of the contest.
- 2) All materials need not be used in the design of the airplane.
- 3) Teams will have **20 minutes** (11:30-11:50 am) to build their airplane. Contestants must stay in Nord 310 for the entire 20 minute period.
- 4) Teams may consist of 1-3 persons. All entrants must be students at CWRU. Students of all majors and class standing (undergraduate, graduate or professional) are welcome.
- 5) No more than one entry per team/person is permitted. Individuals may only be a member of one team.
- 6) A **maximum of 40 teams** will be accepted. Teams are highly encouraged to register in advance (<http://www.case.edu/provost/centerforwomen/wiser/>).
- 7) Team check-in begins at 11:00 am in the Nord 310. At least one team member must be present to check-in. Entrants will receive a sealed bag of supplies which cannot be opened until 11:30. Opening prior to 11:30 will result in immediate disqualification.

- 8) The Paper Airplane Contest will start at 11:50 am. All planes must be turned in to officials at 11:50. Order of launch is random and at the discretion of the WISER Paper Airplane Officials. Teams must be ready to launch when their name is called. Teams will not be permitted to postpone their launch until later in the round.
- 9) All entries must be clearly and correctly labeled with all team members' name.
- 10) All airplanes will be launched by one member of the team from a starting point to be determined and marked on the day of the competition.
- 11) For the 'hang time' portion of the contest, elapsed time will be determined from the moment of release from the hand of the launcher to the moment the airplane touches the floor, wall or any solid object.
- 12) For the 'target' portion of the contest, straight line distance from the bull's will be measure to the tenth of a centimeter.
- 13) Ties will be broken by repeating the launch with the tied teams until a clear winner is declared.
- 14) Final determination of eligibility and awards is the decision of the contest sponsors and officials.

AWARDS: Cash prizes worth a total of \$500 will be awarded. Cash prizes are provided by the John B. deHamel, Jr. '48 Memorial Prize Fund established by the Case Alumni Association. Prizes will be distributed as follows for each contest (Hang Time and Target):

- First place: \$125
- Second place: \$75
- Third place: \$50

