



FLYING
Apparatuses
(PAPER AIRPLANE)
CONTEST RULES

The 13 GEARS event is hosting a flying apparatus contest that will be scored in two categories: flight accuracy and flight style. There will only be one round of flights, so while trying to be accurate you may achieve the flight style win, and visa versa.

YOUR AIRPLANES

- Paper planes must only be constructed out of one piece of paper: Standard letter size (8.5" x 11"). The sheet must be modified by folding only! No ripping, gluing, cutting, stapling or ballasting is allowed!
- Paper planes have to be built on site on event day with the provided official 13 GEARS paper. All plane's must be built by 12:45. (Minor adjustments may be made later "on the fly".)
- Six sheets of paper will be provided to each team and as many as six airplanes may be built. However, as the rules below imply, a maximum of three planes may be flown in competition.
- After folding please write your Apparatus Number (from the sign up form) on the plane - number must be less than one inch by one inch written in pen.

ACCURACY CATEGORY

- The aircraft again will be launched from the second story railing in the atrium. Planes will be launched from the second floor and will be aimed at a target of around three feet tall on the stage. The winner is based on the closest distance to the target from where the flying apparatus comes to rest.
- The aircraft must be launched by one person throwing the aircraft unaided from a reasonably static position. The participant needs to have both feet firm on the ground during the attempt. For safety reasons, all team members including the person throwing the plane must stay behind the railing on the second floor.
- A run-up or fast walk as part of the launch is not permitted, nor the use of ramps or like devices.
- All three folded paper airplanes can be launched. Also, all flights are viable to win either category.

FLIGHT STYLE CATEGORY

- The aircraft must be launched by one person throwing the aircraft unaided from behind the railing on the second floor of the building. Slight leaning over the railing is permitted, but not recommended.
- Three trials per team are allowed. Different planes can be used, all attempts are valid for each category.
- The style is measured on how many twists, turns and twirls the airplane does while in the air. Oohs and Aahs from the crowd will be taken into account!

The text of these rules are heavily borrowed from the Red Bull Paper Wings competition and Kwantlen Science Challenge.