

Far West Texas TSA Tech Day 2024

Paper Planes

Eligibility

Three (3) teams of two to four (2-4) members per chapter may participate.

Time Limits

1. Participants will have 5 minutes to discuss the gameplan with their team
2. Participants will have 30 minutes to build the paper planes.

Procedure

1. Participants report to the event area at the time and place stated on the conference map and program.
2. The event coordinator distributes the materials.
3. Participants will be given 5 minutes to come up with a gameplan with their team and 30 minutes to build their airplanes.
4. When the 30 minutes are up, participants will choose one team member to throw the paper plane.

Regulations

- A. 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!
- B. Paper planes must be built on site on event day with the provided paper.
- C. Time limit for building: 30 minutes. (Minor adjustments may be made later "on the fly".)
- D. Five sheets of paper will be provided to each team and as many as five airplanes may be built.
- E. The aircraft must be launched by one person throwing the aircraft unaided from behind a straight launch line marked on the floor. Passing over the launch line leads to an invalid attempt. Touching the launch line or any point beyond during the launch, leads to an invalid attempt. One team member may move beyond the launch line, after the paper plane has come to rest.
- F. Two trials per team are allowed. Different planes can be used, the better attempt counts.
- G. The distance is measured from the starting line to the furthestmost part of the plane after it has come to rest. Planes may strike inanimate objects (wall, ceiling, fixtures, floor, ...) along the way. We measure the North-South component of the horizontal displacement (e.g. if a plane gets hung up on the ceiling or flies into a corner, we will not measure a diagonal distance).

Materials Needed

- Copy Paper
- Ruler