

# The Great Northwest Paper Airplane Contest

## Official Rules, Hints and Resources

### 1. RULES

A. There are 4 Categories; YOU CAN ENTER ANY OR ALL

#### Distance:

- Planes entered in Distance **MUST BE CONSTRUCTED ON SITE THE DAY OF THE EVENT IN THE "HANGER AREA"** USING: 1 SHEET OF 8 ½ x 11 paper, NO MORE THAN 1 paperclip, and rubber cement IN ANY COMBINATION (ALL MATERIALS WILL BE PROVIDED).
- Linear distance is how far/straight a plane flies. Paper airplanes will be launched onto a designated runway. The winner will be determined by the recorded furthest flight.

#### Time Aloft:

- Planes entered in Time Aloft **MUST BE CONSTRUCTED ON SITE THE DAY OF THE EVENT IN THE "HANGER AREA"** USING: 1 SHEET OF 8 ½ x 11 paper, and rubber cement IN ANY COMBINATION (ALL MATERIALS WILL BE PROVIDED).
- Planes must be launched with one foot remaining on the ground. Run-up or fast walk before launching is not permitted. The winner of Time Aloft will be the plane that stays in flight the longest.

#### Best Design:

- Planes in this category **CAN BE CONSTRUCTED PRIOR TO THE DAY OF THE CONTEST.**
- You are **NOT** limited to size of paper or materials. Planes cannot exceed 18" in length and 36" in diameter.
- The winning design will be based on creativity, originality, and must be able to fly. This category will be judged by flight professionals.

#### Entertainment:

- Planes in this category **CAN BE CONSTRUCTED PRIOR TO THE DAY OF THE CONTEST.**
- You are **NOT** limited to size of paper or materials. Planes cannot exceed 18" in length and 36" in diameter. The winner of this category will be selected by a "People's Vote" for overall best entertaining flight.

**B. There are four divisions**

- Children 6 - 11, Youth 12 - 17, Adult 19 - 54, Masters 55+
- Medals will be awarded for the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> in each category.
- Overall Individual in each category will win an Avion IO Radio Control Plane (\$100 value) & a \$25 Figpickels Gift Certificate

**C. Supervision and Liability Release**

- Adult supervision is required: Anyone under the age of 12 must be supervised by a parent/guardian.
- All participants or their parent/guardian must sign a liability release.

**2. DAY OF CONTEST:**

- A. When pilots arrive they will check in at registration. Registration begins at 11:00 am.
- B. Pilots entered in the Distance and Time Aloft categories will be directed to the "Hanger" area to begin constructing their planes. Pilots can construct and make adjustments until 12:45pm
- C. Pilots will have a 15-minute "Free Flight" period.
- D. Pilots must wear registration number and write their registration # on their plane(s).
- E. No artificial launching aids, such as rubber bands, slingshots, etc. will be allowed.
- F. Pilots will have one turn at the launching area.
- G. After their launch, pilots must wait for judges to record outcome.
- H. The winner in each heat will advance to the next fly off. Fly offs and times will be posted in a central location
- I. Fly offs will continue until there is a winner in each division.

### **3. HINTS**

- A. Read everything you can about paper airplanes.
- B. Be like the Wright brothers and try out many different designs.
- C. Experiment with different designs and different launching techniques.
- D. Should your wings tilt up or down?
- E. Should you throw the plane softly or forcefully?
- F. Visit the Plaza Shops before the day of the contest and think about what type of plane you think would fly well there.
- G. Remember, there are no do-overs, so prepare in advance, and remember--- the more you practice, the better your plane will fly.

### **4. RESOURCES:**

For paper airplane books and design ideas check out the book titles at Figpickels Toy Emporium located at 312 Sherman Ave. Downtown Coeur d'Alene or check your local library.

**WEBSITES** - There are hundreds of paper airplane sites on the Internet. A few are listed below:

Ken Blackburn's site, <http://paperplane.org/patterns.html>, has airplane patterns for various skill levels. Alex's Paper airplanes at <http://www.paperairplanes.co.uk.php> has plenty of designs, with video demonstrations.

From the Basic Dart to the Supersonic Concord, <http://www.amazingpaperairplanes.com/index.html> has patterns for a variety of skill levels.