

# The 2023 CVF Build and Fly Challenge

The idea of the challenge is to encourage people to build and fly model aircraft. You will not be judged primarily on your building skills. That is not what the challenge is about, rather it is to encourage people to build, create a platform to help each other out with tips and techniques, and promote the fellowship and fun of the hobby.

\*The challenge will be limited to RC fixed-wing aircraft.

The initial (maiden) flight will occur in front of the club member spectators, with no previous flight testing having been conducted. A successful flight will be awarded high flight scores. As always, during any maiden flight, spectators should be kept to at a safe distance from the active flight area.

## Categories

There will be two categories or classes of builds;

1. *Traditional construction* with balsa and plywood, doped or heat shrink covering, etc.
2. *Alternate construction* with foam, cardboard, 3D printed, and any other non-traditional construction methods.

The builds will only compete with others within their own category.

## The Challenge

Participants will declare their intent and accept the challenge. The culmination of the challenge will be display and flight of entries at the CVF model airfield on 21 October, 2023. Entrants may accept the challenge anytime up until 21 September, 2023.

## The Judging

Judging will be done by 2 volunteer CVF members that are not participating in the challenge. All point tallies will be blind and only known by the 2-judge panel.

Participants will have the opportunity to address the judges and describe their model, prior to beginning the initial flight. 2 minutes maximum presentation length.

For a maximum of 30 points, entries will be awarded points as follows:

1. Maiden flight-15 points maximum
  - a. The aircraft must takeoff and make at least one lap of the field and land.
  - b. Entries must be flown by the owner/builder.
  - c. Judges to consider the "quality" of the flight; smoothness of the take off and landing, flying behavior.
2. Static presentation-15 points maximum
  - a. points awarded based on quality of build and finish
  - b. complexity of the model
  - c. Subject interest

3. There will be a separate "People's Choice" award:  
(as voted by spectators at the field that day using a show of hands) People may vote more than once.

### **The Rules**

1. Must be a new build from a primarily balsa/ply kit, for Traditional construction class. No repairs jobs of previously flown aircraft.
2. Can be any size or type of kit (lock/tab, laser or die cut, scratch built).
3. No ARFs or foamies, though foam core wings as part of a kit are acceptable for the Traditional Construction class.
4. Alternate Construction class can use any non-traditional materials such as foam board, cardboard, 3D printing, etc.
4. Aircraft must have a propulsion system, such as glow, gas, electric or turbine.
5. Previously started kits OK, but must be less than 50% completed and not covered when picture is submitted.
6. Must be completed, but NOT flown prior to the challenge event (on the honor system).
7. "Test Taxi" to align steering, will be permitted during a 30-minute window at the event only. A lift-off will result in a DQ.
8. Must have at least one picture of the build posted to the CVF Facebook page.
9. Progress photos and build logs will be shared on the CVF Facebook Group.
10. Open to any AMA member.
11. One entry per person.

### **Prizes, for each Class**

Grand prize – Engraved mug

2<sup>nd</sup> place, engraved mug

3<sup>rd</sup> place, engraved mug

People's Choice Award (overall, for both classes) - engraved mug