

SYFC LAUNCH GLIDER COMPETITION RULES 2019

1. CATEGORIES

- A. Junior: Sec 1 and 2
- B. Senior: Sec 3, 4 and 5

2. MODEL SPECIFICATIONS

- A. Material of model: No restriction on materials
- B. Dimensions: Minimum Wing Span: 33 cm or 13 inches
- C. Power: Non-power assisted. No electronics, rubber / bungee cords or other mechanism to aid thrust may be used.
- D. Official Launcher: Runway with a 5 degree elevation angle
- E. Thrust: 2 kg force

3. RULES

- A. Participants are to ensure that the glider is built strong, but to also keep it light; while adding some nose weight to maintain a good CG for balanced and stable flight.
- B. The glider is to be placed on the runway of the official launcher with its fuselage hooked onto the bungee cord.
- C. The glider is pulled back to the point which exerts 2kg of thrust on the model. Any further and that attempt is considered void.
- D. Participants must be mindful of how they release their glider on the catapult, as any last moment pulls will be considered as a foul launch and also render that attempt void.
- E. The distance recorded will be based on the glider's first contact with the ground after being launched. The remaining distance which it slides is not taken into account.
- F. Each participant is allowed 2 attempts. Each participant may have a spare glider and ready in the event that one fail or broken. The spare model need not be of the same design. The contestant shall have the spare glider ready for 2nd attempt when called upon.
- G. The better of the 2 flights will be considered as the final result for scoring. The glider that clocks the longest distance from the launcher will be the winner.
- H. There will be no sharing of models during the event. Participants who borrow a model in order to compete will be disqualified immediately. Participants who allow their model(s) to be used by others during the competition will also be disqualified.
- I. Hence, all gliders must have the name and school of the participant written clearly on the wing of the glider.
- J. Any disputes will be settled on the spot and decisions made by the Contest Director will be final.

Colin Ng
Contest Director
SYFC