

Phantom Flyers R/C Club

2 meter sailplane event rules for 2023

Maximum 2m wingspan. Rudder and elevator controls only-No ailerons, flaps, or spoilers. If the airplane has a speed brake/spoilers, they are not to be used in the contest. Vee tail is allowed. A vario is allowed.

Primary wood construction airframe (as in Vista), or foam airplane (as in Radian). No primary carbon or other composites structures. A composite boom glider cannot fly in the event. Composite reinforced structure such as fiberglass skinned fuselage over wood and wood spar strengthened by carbon fibers is allowed.

Club to provide hi-start. Hi-start tension will be limited as set by the CD. Launch direction to be chosen by CD. Simple hooks for hi-start. No loitering on the hi-start.

Electrics must be altitude limited with automatic motor cutoff set at 100m. This can be accomplished with devices such as the Soaring Circuits CAM or equivalent systems (such as a programmed computer transmitter getting data from an onboard altimeter/vario). Electrics to launch in the same direction as the hi-start.

Landing coral will be used. No lawn-dart landings.

Flight duration is 7 minutes (can be adjusted based on conditions if CD chooses). Other details provided at the contest.