

## TWO OCEANS SLOPE SOARERS AEROBATIC EVENT

### 1. GENERAL RULES

- a. The purpose of the event is to fly aerobatic manoeuvres with a radio controlled glider with no means of powered flight and without any electronic stability control aids.
- b. A round will consist of ten individual manoeuvres with the lowest scoring manoeuvre being deleted.
- c. The competition will consist of as many rounds as the weather will allow.
- d. Only the match director shall decide if the weather is suitable to attempt a round of flying.
- e. Once a competitor has submitted their score sheets to the judges, it may not be retrieved to alter the selected manoeuvres.

### 2. FLYING THE EVENT

- a. Manoeuvres are performed directly in front of the judges in an aerobatic zone or "box" which extends 60 degrees to the left and right of the predetermined centre line, at an elevation of no more than 60 degrees, and no more than 30 degrees below the horizon unless otherwise stated by the match director where it may be reduced due to visual barriers. From a safety standpoint, manoeuvres may not be flown closer than 20 meters of the judges. The competitor must decide how far beyond this safety boundary to present the best view of the manoeuvre to the judges.
- b. Whenever possible, a minimum of two pilots shall fly the same time slot. Under special circumstances, more pilots may be allowed as long as it is agreed upon by the match director and the affected pilots. Only one pilot may perform a manoeuvre at a time, thus giving the other pilot(s) time to achieve the height necessary to perform their next manoeuvre.
- c. Pilots may have a "caller" (highly recommended) who may announce to the judges the pilot number of the next competitor to present; may call the commencing and completion of the manoeuvre; and may "talk" or verbally coach the pilot through his manoeuvre. From the start to finish of a scored manoeuvre, the caller **may not** touch the pilot's radio under any circumstances, not even to change switches or to help adjust trim settings.
- d. Pilots are not required to land their gliders themselves and may ask for assistance from a pilot who has more experience in the landing requirements for the particular flying site.

### 3. THE EVENT SHALL CONSIST OF THREE FLYING CLASSES

- a. "OPEN CLASS"
  - b. "SCALE CLASS"
  - c. "EXPERT CLASS"
4. Competitors entering for the first time may enter any one of the above classes
  5. Any competitor who has flown in the 2019 "Open Class" division, may elect to move up to the "Expert Class"
  6. Any competitor who has flown in the 2019 "Open Class" division and fulfils all of the following three criteria, will be required to move up to "Expert Class".
    - a. Finished 1st overall in 2019 "Open Class".

- b. Attained an average of 60% or more of the “non-factored” score for their selected manoeuvres.
  - c. Selected manoeuvres with an average K-Factor greater than the average K-Factor of the available manoeuvres.
7. Any competitor who has flown in the 2019 “Expert Class” division may only elect to move down to “Open Class” if they meet all of the following criteria:
- a. Competitor scored 40% or less of the non-factored score.
  - b. The average K-Factor of the manoeuvres chosen was less than the average K-Factor of the available manoeuvres.

**8. THE SCALE GLIDER CLASS**

- a. This class shall only be hosted if three or more entrants fly the competition.
- b. The Scale Glider Class competitor shall choose any ten manoeuvres available in the “Open Class” group.
- c. If there are less than three entrants, any competitor flying with a scale glider may then enter the “Open Class “or the “Expert Class “, based on the competitor’s current class rating as per points 4 through 7 above. The respective Class manoeuvres will apply.

**9. THE REQUIREMENTS OF A GLIDER IN “SCALE CLASS” ARE:**

- a. The glider must be a reasonable representation of a past or present commercially available full size glider (at the discretion of the match director).
- b. If the full size and models are equipped with a flight assisting power system, the competitor may only use this in case of an emergency whereupon the remainder of the competitors’ manoeuvres for that round will be cancelled at the discretion of the match director.

**10. RULES OF THE MANOEUVRES.**

- a. A list of manoeuvres shall be presented for the “Open” and “Scale” class and a separate set of manoeuvres for the “Expert” class by the competition organising committee.
- b. Any rules pertaining to how manoeuvres must be chosen or flown for that specific competition will be listed with the manoeuvres and not under “General Competition Rules”
- c. Competitors shall receive score sheets from the event organisers, sufficient to hand one to each judge for each round flown and their chosen caller. It is the responsibility of the competitor to ensure that all required information is correctly completed to prevent any confusion for the judges.