

## CATAPULT GLIDER SCRAMBLE REGULATIONS

### **Definition.**

A catapult launched glider is a free flight glider which obtains its initial speed and height from a catapult launch.

### **Models.**

No restriction is placed on the design of the models.

### **Catapult Specifications.**

The catapult shall consist of a single loop of flat strip rubber or interconnected rubber bands no wider than 6.3 mm and not exceeding 15cm in a relaxed state. This loop may be attached to a handle no longer than 15 cm or may be held loose in the hand.

All catapults will be presented to the CD for measurement before commencement of the event.

### **Scramble.**

A scramble is a simultaneous contest between any number of contestants, the aim being for each contestant to keep their model airborne as much as possible during 30 minutes but within time limits for each flight.

The event will run for 30 min. The CD will announce commence and end times.

Each pilot must have a dedicated timekeeper who will record the flight times.

Each flight shall commence from the original take-off point, any infringement of this rule incurs automatic disqualification.

Each entrant will be allowed one helper only who may help to retrieve but not launch the model.

No form of transport is permitted to retrieve the model.

### **Timing:**

Timing is as for all free flight contests except that the model must remain airborne for a minimum of 10 seconds for an official flight to be recorded.

The timing of each flight is limited to a maximum of 60 sec.

At the end of a 30 minute period, all timing will cease.

No time shall be recorded for flights that continue past the contest end.

Should a model be launched within the 15 seconds before the end of the contest period, no flight shall be recorded.

The entrant having the greatest official flight time total within the hour shall be the winner.

### **NB:**

**You need to supply your own catapult - which is to be checked by the CD prior to the event start. Note that the stick can't be longer than 150mm, but you can link rubber bands together. No rubber wider than 6.3mm. No double loops of rubber allowed.**

**If you are over 65 years old and have difficulty with retrieval you can have a runner in addition to the timekeeper. You need to inform the CD before the event if you are using this option.**