

## **6.4.6 OMFC SCALE OUTDOOR KIT SCALE – (Rubber Powered)**

### **6.4.6.1 General Characteristics**

This competition rewards consistency of performance over duration and is intended to attract new participants to Free Flight Scale.

### **6.4.6.2 General Characteristics and Eligibility**

Any rubber powered scale aircraft kit model ever manufactured  
There will be no judging of appearance, scale accuracy or flight realism. No need to provide the plan unless you think you are on dodgy ground as regards the model being built from a kit or the plan from a kit.

### **6.4.6.3 Permitted modifications:**

The model should be built to the kit plan but the scale can be increased or decreased.

Colour scheme is to be in keeping with the subject.

Minor modifications to the published design are permitted and may include the following:

- a) Wings and tail can be detachable, with appropriate changes to structure.
- b) Additional wing spars may be added and /or moved to the top surface.
- c) Built up empennages in character with the prototype's design may be substituted for solid originals
- d) The nose area may be changed to allow a removable nose block.
- e) Any covering material is acceptable.
- f) The rear motor peg may be repositioned.
- g) A plastic or balsa propeller may be substituted for the original, but it should have at least two blades and be non-folding in flight.
- h) All manner of scale embellishments are permitted, including outline improvements (scale tail size & profile) and details, provided the kit character is maintained.

### **6.4.6.4 Flight Rules**

Dethermalisers or any other mechanical or electronic device to limit flight time are not permitted.

The competition will be held over a one hour time period to be decided on site.

All flights will be hand launched from a 10m X 10m area designated by the CD and Competitors will make 3 official flights from within this launch area. All other trimming flights must be made outside the area.

The target time will be set on the day by the CD. This will usually be 30 seconds. The flight score is the difference plus or minus in whole seconds from the target time.

Competitors are required to record all their flight times to full seconds only (i.e 23.6 seconds = 23 seconds) on a card supplied by the CD and must be timed by another competitor or appropriate person.

If a competitor fails to record 3 scores, a nominal score of 100 will be allocated for each missing flight.

If a flight is less than 5 seconds, this will count as an attempt. One per flight. The flight time difference of each of the three flights from the target time is summed for each competitor and the results published in increasing order. The winner is the model with the lowest score.

In the event of a tie, the winner will be decided by a fly-off, with the winning time being that closest to the target time.