

## **YORKE CUP SCALE COMPETITION RULES.**

### **1. Model Characteristics.**

- a) The competition is open to scale fixed wing models of any type of aircraft including gliders that have been scratch built by the owner / pilot or built from a kit of parts or from a plan.
- b) ARTF and RTF models are not allowed.
- c) Models may use glow, petrol, gas turbine or electric power but must be able to take off from the patch on their own undercarriage. Hand launching of powered models is not allowed.
- d) Foam wings and /or fibreglass (preformed of any type) fuselages will not be allowed though aluminium, vacuum formed plastic or fibreglass cowls are permitted.
- e) The model should be as accurate as possible and a clearly recognisable facsimile of a full size aircraft.
- f) A competitor may enter as many models as he / she likes but only the highest placed one will secure points for Top Gun.
- g) Any ballast must be carried internally and fastened securely within the airframe.
- h) The model will comply with the DoE 82dB (A) noise limit.

### **2. Ownership of models.**

- a) The model owner must also be the builder and pilot.
- b) Bought models not allowed.

### **3. Documentation.**

- a) Major attempts at full provenance are not required but a photograph or two of the original aeroplane will help to assure judges of the model's scale accuracy and add points to the final score.

### **4. Competition Rounds.**

- a) There will be two flying rounds each of up to 5 minutes duration with a minimum of two minutes duration for each round. After five minutes the competitor will be asked to land. Failure to do so in reasonable time may result in a penalty at the discretion of the CD.
- b) There are no set manoeuvres other than take off and landing. It is up to the competitor to demonstrate the model in the most favourable manner.

### **5. Disqualifications.**

- a) A flight may be cancelled and scored zero and/or the pilot disqualified if the contest director decides that the rules are not being adhered to or the model is being flown in a dangerous manner.

### **6. Transmitter Control.**

- a) The Contest Director will not start the competition until all transmitter frequencies have been logged and noted against the competitor's names. He may impound the transmitters at his discretion.

### **7. Judges.**

- a) Three judges will be appointed by the CD to carry out both the static appearance assessment of each model and the flight performances.
- b) Each competitor will remain on the patch at the end of their flight until the points from all three judges have been collected and recorded by the CD after which the CD will indicate that you can return to the pits.
- c) Points will be awarded for the scale realism of the flight, not the best looking or favourite model.

### **8. Scoring.**

- a) Scoring will be based on the following criteria by each judge for static and flying rounds.  
**(Points will be awarded per judge, three judges in total)**

#### **Static judging:**

- a) 3 points for one photograph and up to 10 points for three or more photographs. Maximum points will be awarded where the decoration and appearance of the model best matches the photographs provided as provenance.
- b) Models without any supporting photographs will forfeit all 30 points.
- c) Up to 50 points for scale realism / accuracy.
- d) Maximum score for static assessment 60 points per judge.

**Flying Performances**

- a) Take Off - 10. Flight Realism - 30. Landing – 10
- b) The maximum possible score will be 50 points per judge per round, or 150 per round.
- c) The winner of the previous year's competition will be subject to a 20% penalty on their final score, if the same model is entered.

**Final Scoring**

Maximum available points for static and both flights = Static + Flight 1 + Flight 2 or 180 + 150 + 150 = 480 points.

Will forfeit 20% of final score if a winning model in a previous year

The winner of the competition will be the competitor with the highest aggregate score, but in the event of a tie, the three judges will determine the winner.

**9. Competition Management**

- a) The contest director will appoint helpers to assist in the running of the competition at his discretion.
- b) No entries will be accepted after 10:15am, with competition flying commencing as near as possible to 10:30am.
- c) Competitors will be asked to complete an entry form on their arrival, which is to be returned to the contest director as soon as possible.
- d) There must be a minimum of four models for the competition to run.

