

OMFC Rubber Powered Scale Duration Rules v1.6

Eligibility

Any rubber powered model of a person-carrying aircraft is eligible.

Static Judging

There will be no static judging other than a simple pass/fail judgement by the CD to ensure that the model complies with the rules (i.e. that it represents a real aeroplane, that the colour and markings are appropriate, and that the model is entered in the appropriate class). The CD's decision is final.

Competition Classes

The competition is for the following classes of model:

- Kit Class – open to any rubber-powered scale model that has at some point been kitted.
- Open Class – open to any rubber-powered scale model that is not eligible for the Kit class.

Documentation

Formal documentation is usually not required, but the CD might want to see a photograph or similar if he/she does not recognise the model.

Kit Class

Competitors may have to provide proof that the model is from a kit (e.g. a copy of the plan - a reduced size copy is acceptable) to prove eligibility to the CD;

Open Class

Competitors may have to provide simple documentary evidence (photo, published colour drawing (e.g. Profile publication), plastic kit instruction sheet, etc.) to prove that the model represents a real aeroplane.

Colour and Markings

The colour scheme is to be in keeping with the subject aircraft but need not represent a specific full-size aeroplane. However, a few bonus points are available if the colour scheme generally matches the supplied documentation (see Bonus Points Table below).

Permitted Modifications

The model should be built to the kit plan, but minor modifications to the published design are permitted and may include moderately increased dihedral and tail areas, detachable wings/tail, additional, moved or re-sized wing and fuselage members, reinforced nose with removable nose block, built-up empennages, rear motor peg moved, different covering material, outlines corrected, additional scale details added, etc., provided that any changes are in character with the original design. Models of aircraft with retractable undercarriages may be built with the wheels retracted. Dethermalizers are allowed.

Kit plans can be enlarged in size, but not reduced. If the model is enlarged, it will **not** be eligible for the Kit Scale bonuses in the bonus table.

Entries

Competitors are allowed to enter two models in each class (Kit Scale and Open) but only the highest-scoring model will score.

Flying

There will be three flights to a maximum time set by the CD on the day (usually 60 seconds). The time for each flight will be rounded down to the nearest second. Any flight of less than 10 seconds counts as an attempt and will not be scored. The final score is the total of flight1 + flight2 + flight3 + bonus points awarded according to the bonus points table.

After all flights are finished, winners are declared as follows:

- Kit Scale Winner – entrant with the highest score in the Kit Scale Class
- Open Winner – entrant with the highest score in the Open class.
- Overall Winner – the entrant with the highest overall score in either class.

Second and third places may also be awarded at the CD's discretion, if funds/prizes allow. If there are one or more ties, the CD will organise a fly-off.

Construction Type	Bonus points (cumulative)
Design is classic Dime Scale or Pseudo Dime Scale, or is bigger but has Dime Scale type construction (e.g. 1/16" square leading edges, trailing edges, tailplane, fuselage members and generally light and sparse structure).	-40
Design was originally sold as a kit, has box fuselage with formers and more robust construction than dime scale. Only applies if model has not been enlarged.	25
Design was originally sold as a kit, has keel-and-former fuselage construction with stringers at least 1/16" square. Only applies if model has not been enlarged.	40
Wingspan	
Wingspan >= 14" and <17"	40
Wingspan >=19" and < 21"	30
Wingspan >=21" and < 23"	20
Wingspan >=23" and < 28"	10
Colour & Markings	
Colour and markings generally agree with optional supplied documentation (e.g. profile, colour picture, etc.)	20
Aircraft Configuration	
Subject has a very low-aspect-ratio high-wing (~<4) with a box fuselage (or nearly so) (e.g. Lacey M-10, Fike, etc.)	-100

Bonus Points Table