

Kit Scale Rules:

Effective June 2012

Introduction:

Kit Scale will be run as an official event at the Nationals using the British Model Fliers Assoc (BMFA) rules. The intent of kit scale is to offer an easy class to fliers who may not wish to build the developed and detailed models required by existing Scale Competition Scale Rules for example. In essence, any small scale model originally offered as a commercial kit qualifies. This brings in Keil Kraft, Veron, SIG, Peck, Skyleader, Modelair, Airsail, and many others either currently in production or those old 50s and 60s designs you have always wanted to build. **The spirit of the class is that you build as close to the original plan as possible. Deviations are penalised.**

Rules

- A. The maximum weight for indoor models is **150g** (including motor). No weight limit for outdoor models.
- B. There are no wingspan limitations.
- C. The model may be powered by **rubber, CO2 or electric.**
- D. Models may be built from kit parts or the builder's own wood but the kit plan must be provided as authentication.
- E. The only modifications permitted (without marks penalty) from the original kit are those associated with fitting **an alternative power source, a replacement propeller (including for rubber) and wheels.**
- F. The minimum flight time is **10 seconds.**

Documentation:

The minimum documentation required is the original (or photocopy) plan from which the model was built and one photograph, drawing or painting (e.g. box art) of either the aircraft modelled or a similar aircraft from the same era to authenticate the general colour scheme and markings.

Static Marking

- A. Points will be awarded up to the **maximum of 100** to reflect the quality of workmanship and character of the models made up as follows.
- B. Workmanship is scored **up to 60%,**
- C. Authenticity of colour scheme and accuracy of Markings (if present) **20%**
- D. Overall character **20%.**

Penalties for deviations from the plan:

Most models will have a coloured tissue finish with painted, printed, transfer or tissue markings.

- Fully painted models will not be excluded but will have **5 points** deducted from their static score.
- **5 points** will also be deducted for each significant deviation from the original design other than those permitted above, e.g. increased dihedral, separate control surfaces where these are not shown on the plan etc.

Flying Points

10 points will be awarded for each of the following

- A. Take-off (optional)
- B. Initial climb
- C. Descent and landing approach
- D. Quality of Landing.
- E. **A maximum of 20 points in total** will be awarded for Realism in flight (speed, 'sit', stability and character).

The total score will be the aggregate of the static mark and flight score.