

SAM CHAMPS 2008 SPEED 400 ELECTRIC RC RULES

And related information

General Note: These rules apply to the 2008 SAM Champs only. Formal SAM Rules committee review, modification and approval are required for inclusion in the SAM Rule Book and for future use.

1. Any approved SAM Old Timer gas model airplane can be converted for this event. Scaling is allowed. There is no weight requirement. By rule, North American Old Timer designs are limited to December 31, 1942 and older (Section I, C). Other designs are limited to non North American SAM Chapter design date rules, but in no case later than December 31, 1950. The burden of proof for design dates (drawings, magazine articles or kit advertisements, etc.) later than 31 December 1942 rests with the contestant. The model's name and design year should appear somewhere on the model.
2. Thrust will be provided by a non-folding, non-metal, propeller of any size driven directly (i.e., no reduction gear drives) by a Graupner Speed 400, 6-volt permanent magnet ferrite motor without ball bearings. After purchase, timing adjustments are allowed. To prevent damage to the motor, folding propellers may be used provided they are locked in the fixed position for normal flight.
3. The battery may be six NiCad cells, or six NiMh cells, or two Lithium chemistry cells of any capacity with manufacturer's label clearly visible. Any BEC-ESC power control system is acceptable.
4. The power to the motor must be radio controlled but may be on/off or ESC.
5. Flights may be hand launched with landing area determined by field rules.
6. The motor may be run only during the first 180 seconds of the flight; any running of the motor afterwards results in a zero score for that flight.
7. A contestant's score is the sum of the best two of three 15-minute max flights.
8. Fly-off motor run time is also 180 seconds.