

2018 SAM Champs RC Glider "Woodie" Rules

The SAM rules for "Woodie" or "Legacy" RC Gliders are along similar Legacy and Woodcrafter rules, but some sections are more in compliance with SAM ideals. True SAM Rule Book Old time Gliders have their own existing rules in SAM Rulebook 2015 edition, but may compete in both SAM and "Woodie" event as desired.

1. Eligibility-

Time frame of designs permitted are pre 1990, either published, seen at a contest, kitted etc. and is responsibility of participant to have some form of (lenient) proof.

2. Construction-

Shall be as accurately reproducing the original design as the builder deems reasonable. Major deviation from dihedral, outlines and airfoils are not allowed. Scaling is allowed but not to be scaled above a wingspan of 120" projected, unless the original was larger, in which case original wingspan is allowed. The builder may employ structural and internal materials improvements to improve safety and handling or withstand launching methods, discussed in section 4. SAM rules will disallow changing a sheeted to a complete fiberglass fuselage or wing for example, but will allow such material for the purpose of strengthening existing structures, bulkheads, braces etc. If a Fun Fly Class glider (see part 5) was kitted or originally came with a plastic fuselage, power pod etc. that is allowed in the Fun Fly Class. Molded or carbon wing leading edges and booms are not allowed. Small changes to improve the glider's appearance are allowed and encouraged.

3. Controls-

Models built according to the original design plan for controls are acceptable. For the SAM Standard Class contest, ailerons (on standard bent wings) will not be used during flight (tape them etc), since many other models will not have them. Spoilers can be used if the original was so equipped, during landing. There are no points for landing in the Standard Woodie Class, the landing area is determined by the CD as stated in SAM Rule Book edition 2015. Flying wing types, V-Tails etc. shall have original design controls, as long as not intended to change airfoil. Other builder allowances such as changing to a full flying stab is allowed, if on an original plan variation.

4. Launching-

Either hi-start or winch launching is allowed. According to SAM rules a maximum length of 700 feet for either method is permitted and all competitors will be able to use the same equipment. Winch launching shall employ braided line and zoom launching is not permitted. Launch equipment to be approved by, and supplied by the CD (may be supplied by a competitor via the CD).

5. Tasks- A. Standard Class Flying, B. Fun Fly Class Flying

A. Standard Class -The scoring shall be the sum of 3 -10 minute maxes. In the case of a flyoff or tie by two or more pilots an additional round will take place as close as possible to same time launching with same equipment , as determined by CD, last man down wins.

B. Fun Flying Class- Fun flying is invited using SAM field and launching equipment as long as not interfering with Standard Class competition. Competitors are invited to issue their own flying rules, tasks etc. and awards and submit same to SAM CD. Restriction of controls section 3 does not apply. Powered gliders or gliders with power pods added also allowed. Events determined must be published in adequate time for any competitors to be aware of.

6. Model Judging- To give awards for both construction, rarity and charm- as approved by the CD and pilots, a judging by the glider pilots (only) will take place for each model. The glider must have flown at least once. Each pilot will give each model a score with his favorite being #1. This should be done prior to the duration task, but results released after the duration event.

7. Awards- Awards labels for SAM plaques will be provided by the contest manager, i.e. -"Woodie Glider ", " Woodie Glider Fun Fly" to 5th place for Champs.