



Vintage 36 Remote Control Class Rules

Overall Categories

- **Traditional Class** – This class is the traditional keel sloop class that is based on full keel model yacht designs and design concepts prior to 1945. (Examples of these boats are: A. J. Fisher *Chico II*, Harold Peterson *Spring Lake V36 Double-Enders*, and Daniels and Tucker *Star Sharpie Junior*). This class must follow all rules that follow.
- **High Flyer Class** – This class includes model boats based on keel conversions of full-scale centerboard boat designs and design concepts prior to 1945. (Examples of these boats are Snipe class, Comet class and Lightning class boats) This class must follow all rules that follow, except that the minimum weight for this class is 5 lb.

Design Formula

A Vintage 36-in sloop-rigged monohull sailing yacht has an overall length of 36 ± 0.25 in. Total sail area shall not exceed 600 in².

Prohibited:

- Sliding or adjustable keels
- Centerboards
- Leeboards
- Bilge-boards
- Bowsprits
- Overhanging rudders
- Outriggers, pontoons, or twin hulls
- Movable or shifting ballasts
- Prognathous keels (no portion of the leading edge of the keel appendage, including the lead, may project forward of any portion of the leading edge above)
- Metal fin keels (metal reinforcements inside wood keels are allowed)
- Materials with density greater than lead
- Carbon fiber or Kevlar in the hull, rudder, rig, or keel
- Fabric or film on decks
- Mylar sails
- Swing rigs

Hull

Construction and materials: The hull shall be primarily constructed by the methods and materials of the period as follows:

1. Hulls shall be constructed of wood including plank-on-frame, horizontal lifts, vertical lifts, plywood, or laid-up fiberglass. Molded fiberglass hulls shall be comparable in weight to a wood-constructed hull from the same design plan.
2. Fiberglass covering of wood is permitted as a method of sealing and strengthening the basic wooden hull.
3. Modern adhesives are allowed to produce a stronger hull that is impervious to leaks.
4. Hull shape and configuration: there are no restrictions on load waterline, beam, freeboard, or tumblehome.
5. Maximum draft shall be 11 in on a yacht fully rigged and ready to sail. Minimum keel chord length shall be 4 in.
6. Total ballast must be fixed and shall not be changed during a race or series of races.
7. Minimum model weight as sailed shall be 8 lb.
8. Bow bumpers are mandatory and are limited to 0.5-inch overhang. Bumpers shall not be included in the overall measurement.
9. Rudders shall be keel or skeg mounted in keeping with the design methods of this period. It is permitted to enlarge the area of the rudder from its original size in order to achieve acceptable steering with radio control. The skeg must be at least 50% of the rudder area when the rudder is skeg mounted. Balanced spade rudders are not allowed. It is forbidden to change rudders during a race or series of races except in bona fide cases of damage.

Rig

1. Bermuda, Marconi, Jib-headed mainsail, Gaff, Gunter, Wishbone, etc. may be used.
2. Alternate rigs are allowed, provided the total sail area does not exceed 600 in². Details of such rigs must be comparable to the original sail plan.
3. The height of the jib stay above the deck shall not exceed 80% of the height of the head of the mainsail above the deck.
4. Masts and booms shall be constructed from material of the period, namely wood or aluminum.
5. The height of the mast above the deck shall not exceed 65 in. The greatest diameter of the mast and spars is limited to 0.75 in.
6. Sail area measurement shall be the same as the VM class and may not exceed 600 in² in total area.
7. Sails shall be made of either single panel or multi-panel sailcloth.
8. The body of each sail shall be made of woven cloth, such as cotton, cotton/synthetic blend, Dacron, or Nylon. No material other than woven sailcloth reinforcing is allowed for tablings or corner reinforcements in the head, tack, or clew of any sail.
9. The roach of the jib shall not exceed 1 in, the roach of the main shall not exceed 1½ in. The roach curve shall be a continuous curve with the maximum roach measurement near the center of the length of the leech. Rounded foot of loose-footed sails shall not exceed 1 in.
10. Mainsail battens shall not exceed four in number and 4 in in length and shall divide the mainsail leech into approximately equal parts. Headsail battens shall not exceed three in number and 3 in in length and shall divide the headsail leech into approximately equal parts.
11. Headsticks or headboards shall not exceed 0.75-in across the top of the headsails and mainsails.

Radio Control

Only the rudder, headsail, and mainsail may be adjusted by radio control.

NOTE

This edition of the rules has had no editorial changes made to the it other than spacing and style corrections since the March 21, 2012 version.