

Official Plan

Mainsail Requirements

1. Restrictions on type or weight of materials are based on Article S-V-Sails, paragraph 1.
2. Mainsail shall have the Flying Scot emblem and boat's official number on both sides in contrasting color in 12" high minimum block letters and numbers.
3. The emblem shall conform to the full size drawing.
4. Luff and foot to have 5/16" diam. bolt rope for grooved spars (no slides).
5. Roller bearing required.
6. Boath reef along foot permitted.
7. Each sail must have seam to 1/4" from an official "Royalty Pat" label.
8. Club owned boats bear the emblem.

The sail number may be different from the official boat number.

Centerboard Requirements

1. Fiberglass construction 105-5 lbs.
2. Approx. 80 lbs. lead enclosed in power fl.
3. Shape shall conform to official model.
4. Method of hoist-differential winch.

Hull Requirements

1. Constructed of bonded fiberglass.
2. Hull weight must not be less than 475 lbs. when stripped of all normally removable gear, such as spars, masts, rudder, centerboard, standing rigging, running rigging, etc.
3. There shall be no structural changes in the hull, rubber, centerboard & spars, and no lightening of existing parts.
4. Flotation- See specifications.

Spinnaker Requirements

1. Each line of measurement to be pulled just free of wrinkles while that dimension is being measured straight.
2. "D" is a measure of the center seam line not the diagonal.
3. All three measurements of A-B-C to be taken simultaneously without regard for position of the feet of the sail.
4. "D" also applies to X-Y-Z and L-D-F.
5. All nine measurements to be taken without intervening opportunity for stretching or shrinking any dimension.
6. "Royalty Pat" label. (See note #7 for material req.)
7. Spinnaker pole (design opt.) max. length including fittings is 7 ft. Wicker pole available (design opt.) maximum length including fitting 7 ft.
8. Spinnaker must bear the boats official number on both sides located approx. 1/3 distance down from the head in 10" min. numbers in color contrasting to background area.
9. Type and weight restricted: See Article S-V-Sails, paragraph 1.

Boom Requirements

1. Shall not weigh less than 11 lbs. Aluminum
2. Boom must be capable of being roller reeved.
3. Design of gooseneck (optional).
4. Sliding gooseneck not permitted.
5. At-1/2 clear on slides.

Mast Requirements

1. Aluminum centered 6"2" ± 2" from bow measured along deck.
2. Mast shall not weigh less than 39 lbs. completely rigged with all halyards, stays and winches.
3. Pivot must not be permitted.
4. Center of balance 12" (±1/2") above heel with both halyards attached to spinnaker pole ring in lowest position and shrouds and forestay dressed along mast to official dia. and uniform cross section throughout.
5. Extension from official dia. and uniform cross section throughout.

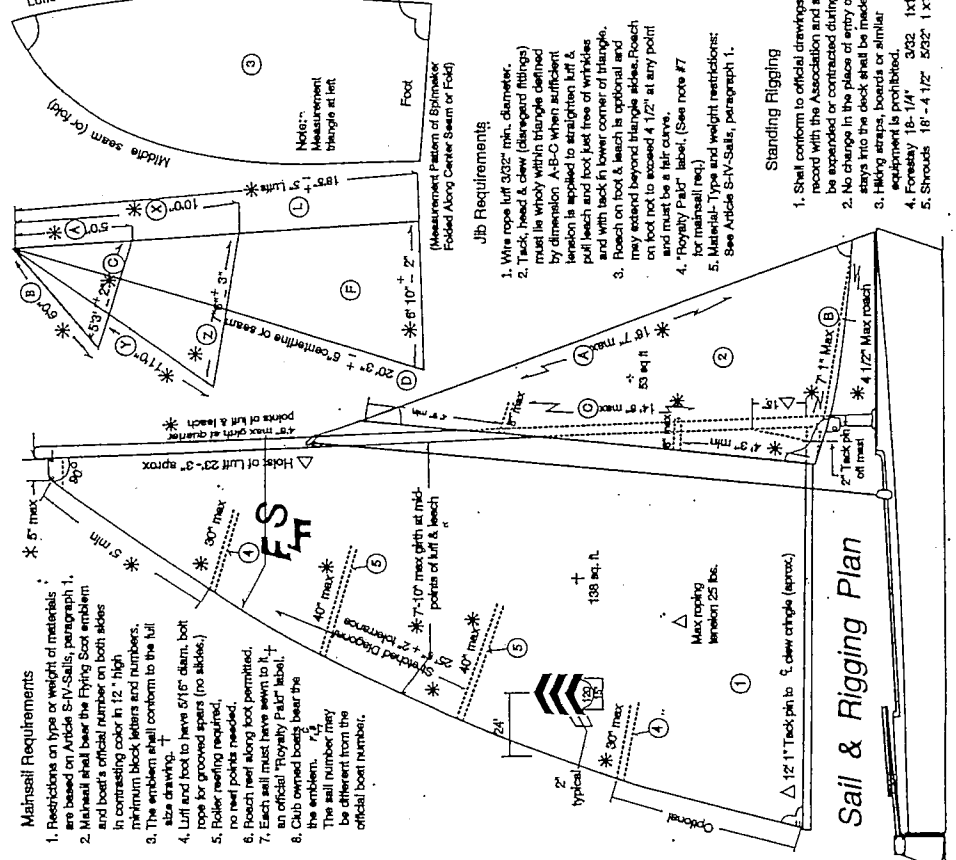
Rudder Requirements

Aluminum plate
3/16" min. thickness

1. Shall conform to official drawings on record with the Association and shall not be expanded or contracted during a race.
2. No change in the place of entry of the stays into the deck shall be made.
3. Halyard stays, boards or similar equipment is prohibited.
4. Forestay 18-1/4" 3/32 1x19 as.
5. Shrouds 18-1/4" 5/32 1x19 as.

Standing Rigging

1. Shall conform to official drawings on record with the Association and shall not be expanded or contracted during a race.
2. No change in the place of entry of the stays into the deck shall be made.
3. Halyard stays, boards or similar equipment is prohibited.
4. Forestay 18-1/4" 3/32 1x19 as.
5. Shrouds 18-1/4" 5/32 1x19 as.



Running Rigging

1. No locking device for halyards, other than the standard halyard which box is permitted. Weight of all sails must be carried on the halyards when set.
2. Mainsheet blocks must be attached to end of boom and ratchet blocks must be attached to end of boom sheet as provided in S-V-S.
3. Recommended dimensions for other items:

Item	length	diameter
Spinnaker sheath	40"	1/4"
Spinnaker halyard	40"	1/4"
Centerboard boom pin	20"	1/4"
Main Halyard	57"	3/32 7x19 as
Centerboard pennant	61"	3/16 7x19 as
Luffing shroud cable	58"	1/4" 7x19 as
Mainsheet cable	57"	3/8"
Mainsheet	30"	3/8"

Running Rigging

19. Gooseneck
20. Tack Pin
21. Vang Slick
22. Crown Plug Assembly
23. Crown Plug Assembly
24. Crown Plug Assembly
25. Crown Plug Assembly
26. Mainsheet Fiddle Block
27. Mainsheet Fiddle Block
28. Rudder Head
29. Rudder Head
30. Rudder Head
31. Rudder Head
32. Rudder Head
33. Rudder Head
34. Bow Pile
35. Mast Step

+ Available from FSSA Secretary

△ Denotes Sailmakers Dimensions

Flying Scot
Designed by Gordon K. Douglas
F.S.S.A.

Class Specifications

Sail Plan

Drawn by G.K.D.
Revised by R.Schneider - Ft. 3
Revised by E.B. Cobb

6-15-56
2-4-59
3-15-53

Boat & Sail Plan

Revised by B.King Ft. 8	8-18-41
Revised by B.King Ft. 8	12-21-51
Revised by B.King Ft. 8	4-10-52
Revised by E.B. Cobb	9-15-55
Revised by S.T. Ostrwald	9-19-57
Revised by S.T. Ostrwald	9-15-58
Revised by D. Holt	6-10-72
Revised by D. Holt	2-12-73
Revised by D. Holt	10-28-75
Revised by D. Holt	5-15-84
Master Headman	11-01-85
Revised by R. Nell	12-30-86

* Denotes Critical Measurements
These measurements must conform to F.S.S.A. specifications for boats entering sanctioned competition.