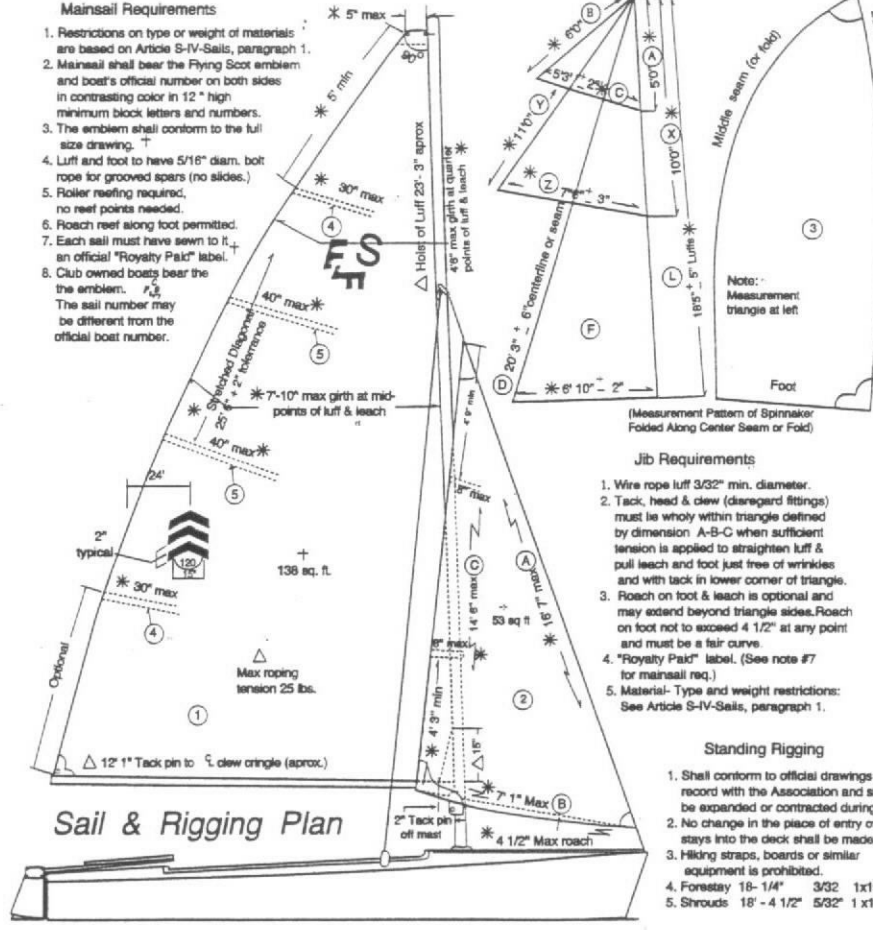


Mainsail Requirements

1. Restrictions on type or weight of materials are based on Article S-IV-Sails, paragraph 1.
 2. Mainsail shall bear 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 reefing required, no reef points needed.
 6. Roach reef along foot permitted.
 7. Each sail must have sewn to it an official "Royalty Paid" label. (See note #7 for mainsail label.)
 8. Club owned boats bear the emblem.
- The sail number may be different from the official boat number.



Sail & Rigging Plan

Running Rigging + Available from FSSA Secretary Δ Denotes Sailmakers Dimensions

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 tackle blocks must be affixed to end of boom and rudderhead respectively lead of handling end of sheet as provided in S-III-5.
 3. Recommended dimensions for other items:
- | Item | length | diameter |
|------------------------|--------|---------------|
| Spinnaker sheets | 40' | 1/4" |
| Spinnaker halyard | 40' | 1/4" |
| Centerboard Drum pen. | 36" | 1 1/4" |
| Boom Vang | 20' | 1/4" |
| Main Halyard | 52' | 1/16" 7x7 ss |
| Jib halyard | 37' | 3/32" 7x19 ss |
| Centerboard pennant | 8' 6" | 3/16" 7x19 ss |
| Lifting sling- 1 cable | 58" | 1/4" 7x19 ss |
| 1 cable | 72" | 1/4" 7x19 ss |
| Mainsheet | 57' | 3/8" |
| Jib sheet | 30' | 3/8" |

Part Names		
1. Mainsail	19. Gooseneck	36. Jib bit or Fairlead track
2. Jib	20. Tack Pin 21.	37. Jib Block or Fairlead
3. Spinnaker	21. Vang Track	38. Hmaratchet Block
4. Betten 3/16" x 5/8 x 30"	22. Vang Slide	39. Cleats
5. Betten 3/16 x 5/8 x 40"	23. Clew Outhaul Cleat	40. Centerboard Cleats
6. Mast	24. Boom Plug Assembly	41. Centerboard Rollers
7. Main Halyard winch	25. Outhaul & Tunnel Stop	42. Lifting Strap
8. Jib Halyard winch	26. Mainsheet Fiddle Block	43. Vang Bridle
9. Winch Cheeks	27. Mainsheet Becket Block	44. Centerboard
10. Spinnaker Pole Track	28. Rudder Assembly	45. Centerboard Winch
11. Spinn. Pole Ring Slide	29. Rudder Head	46. Tiller
12. Topping Lift Fairlead	30. Rudder Plate	47. Tiller Extension
13. Spinn Halyd Fairlead	31. Rudder Pintles	48. Bow Toggle Plate Assembly
14. Forestay Tang Plates	32. Pintle Pin	49. Bow Toggle Cable- Jib
15. Shroud Tang Plates	33. Rudderhead Mainsheet Strap	50. Bow Toggle, Cable & Turnbuckle Assembly - Forestay
16. Masthead Plug	34. Bow Plate	51. Forestay Pin 3/16" x 3/8" ss
17. Masthead Sheave	35. Mast Step	
18. Boom		
		52. Centerboard Pennant Strap
		53. Mast Stepping Pin Assembly
		54. Centerboard Gaskets (set)
		55. Winch cranks (not shown)
		56. Mooring ring & strap
		57. Keel moulding
		58. Hexanzelstet Swivel Block
		59. Clew Outhaul Block
		60. Midboom Bale
		61. Centerboard pennant Fairlead
		62. Spinnaker Fairleads
		63. Safety Line
		64. Vang Bat

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 rest of the sail. Luffs measured straight.
4. #3 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 Paid" label. (See note #7 for mainsail req.)
7. Spinnaker pole (design opt.) max. length including fittings is 7 ft. Wisker pole available (design opt.) maximum length including fitting 7'.
8. Spinnaker must bear the boat's 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-IV-Sails, paragraph 1.

Jib Requirements

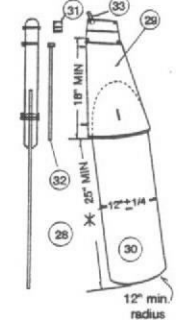
1. Wire rope luff 3/32" min. diameter.
2. Tack, head & clew (dangard fittings) must lie wholly within triangle defined by dimension A-B-C when sufficient tension is applied to straighten luff & pull leech and foot just free of wrinkles and with tack in lower corner of triangle.
3. Roach on foot & leech is optional and may extend beyond triangle sides. Roach on foot not to exceed 4 1/2" at any point and must be a fair curve.
4. "Royalty Paid" label. (See note #7 for mainsail req.)
5. Material- Type and weight restrictions: See Article S-IV-Sails, paragraph 1.

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 piece of entry of the stays into the deck shall be made.
3. Hiking straps, boards or similar equipment is prohibited.
4. Forestay 18-1/4" 3/32 1x19 ss.
5. Shrouds 18'-4 1/2" 5/32 1 x19 ss.

Rudder Requirements

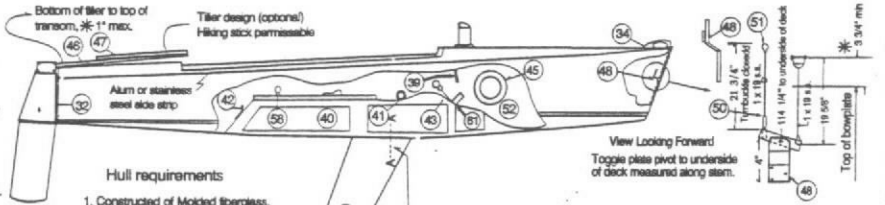
Aluminum plate 3/16" min. thickness



Hull Requirements

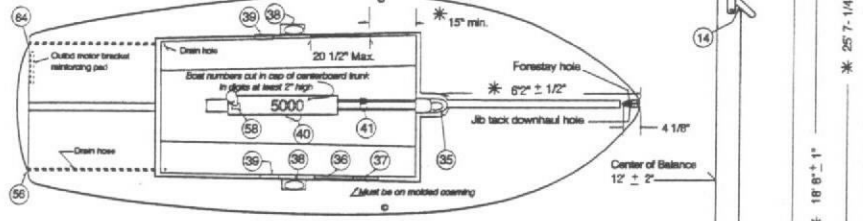
Hull requirements

1. Constructed of Moulded fiberglass.
2. Hull weight must not be less than 875 lb. when stripped of all normally removable gear, such as spars, sails, rudder, centerboard, standing rigging, running rigging, etc.
3. There shall be no structural changes in the hull, rudder, centerboard & spars, and no lightening of existing parts.
4. Flotation- See specifications.



Centerboard Requirements

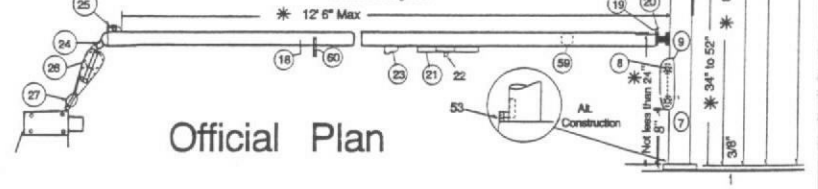
1. Fiberglass construction 105 5 lbs.
2. Approx. 80 lbs. lead enclosed in lower tip.
3. Shape shall conform to official mold.
4. Method of hoist- differential hitch.



Hull & Fitting Plan

Boom Requirements

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



Mast Requirements

1. Aluminum centered 6'-2" ± 2" from bow measured along deck.
2. Mast shall not weigh less than 39lbs. completely rigged with all halyards, stays and winches.
3. Pivot mast not 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 heel.
5. Extrusion from official die, and uniform cross section throughout.

* Denotes Critical Measurements

These measurements must conform to F.S.S.A. specifications for boats entering sanctioned competition.

Flying Scot		Boat & Sail Plan	
Designed by Gordon K. Douglas		Redrawn by B. King Ft 8	8-16-61
F.S.S.A.		Revised by B. King Ft 8	12-01-61
Class Specifications		Revised by B. King Ft 8	4-10-62
		Revised by E.B. Cobb	3-15-65
		Revised by S.T. Grawold	3-13-67
		Revised by S.T. Grawold	3-15-68
		Revised by D. Hott	8-10-72
		Revised by D. Hott	2-12-73
		Revised by D. Hott	10-06-75
		Revised by D. Hott	5-15-84
		Master Redrawn	11-01-85
		Revised by R. Neff	12-30-86
Sail Plan			
Drawn by G.K.D.	6-15-56		
Redrawn by R. Schneider Ft 3	2-4-59		
Revised by E.B. Cobb	3-15-65		