

J/70 Building Specification

01-Jan-2018

	Specification Description	Minimum	Actual	Maximum	Permitted Modification and/or dimension reference
	DECK, HARDWARE AND FITTINGS				
1	FRP Composite deck				Builder supplied and located.
2	Indeck furler unit				Builder supplied and located.
3	Bow "U" bolt mooring eye (stainless)				Builder supplied and located. Option for one 6" (152mm) mooring cleat in lieu of eye.
4	Shroud chainplates (stainless)				Builder supplied and located.
5	Foredeck opening hatch				Builder supplied (BSI Moonlight). Option to use extra gasket/elastic chord as a preventer (from catching sheets)
6	Two anodized jib T-tracks		500m x 25mm		Builder supplied and located. Option to increase number of adjustment holes.
7	Two jib sheet cars				Pull-pin or screw pin. Option to use cars supplied or specified by any licensed builder.
8	Two jib sheet car blocks	40mm			Sheave diameter
9	One pad-eye forward and outboard of each primary winch for connecting jib sheet turning blocks				Builder supplied and located.
10	Two jib sheet turning blocks (ratcheting)			60mm	Option to replace ratcheting blocks with auto-ratcheting blocks.
11	Two jib clew blocks (sailmaker or owner provided)	29mm		40mm	Option to add attaching strop. Ferrules may be used in lieu of blocks.
12	Two 38mm cam cleats, each located near jib sheet turning blocks and cleating inboard.				Builder supplied and located. Cam cleat dimension (38mm) refers to distance between fasteners. 38mm is equivalent to Harken #150 cam cleat.
12b	Option to add one 38mm cam cleat within 50mm of each standard jib sheet cleat (#12) for purpose of cleating the jib sheet to windward.				Risers and/or wedges may be added to optional cleats
13	Boomvang - two 38mm fixed cam cleats (USA) or two 29mm swivel cams* (France) at aft corner (P&S) of cabin top				Builder located. Option to add two 29mm deck mounted cheek blocks outboard and forward of hatch lid to deflect the boomvang tails around the hatch. *Equivalent to the Ronstan RF67 or Holt A4867. Risers/wedges may be added to cleats when 29mm deck mounted cheek blocks are fitted.
14	Boomvang large block (where 2:1 passes)				

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15	Boomvang smaller blocks (for cascade purchase)	29mm			
15b	Boomvang strop				
16	Two primary winches of 8:1 gearing mounted in standard builder location with two 38mm cam cleats on vertical cockpit sides				Builder supplied and located.
17	One winch handle	200mm			Option for additional winch handles
18	One winch handle holder (optional)				Multiple holders and other storage bags permitted.
19	Tack line #38mm cam cleat with fairlead mounted on starboard side of cabin house.				Builder located.
20	Mainsheet traveler track with car, and in line 27mm cam cleats and turning blocks mounted port and starboard on vertical cockpit wall.				Builder supplied and located. Car is Harken 2731 or equivalent.
21	Mainsheet system with swivel arm, block and 38mm cam cleat assembly mounted aft of traveler; fiddle block mounted on traveler car and fiddle block connected by strop to the boom.				Builder located.
21a	Main sheet strop connecting fiddle block to boom	350mm		420mm	Builder located.
22	Mainsheet base block - ratchet	57mm			Option to replace ratcheting block with auto-ratcheting block.
23	Mainsheet fiddle blocks	57mm/40mm			
24	Backstay adjuster hardware of two 27mm cam cleats and four feed blocks.				Builder located.
25	Bow sprit launch line, dead-ended at aft end of sprit, led forward to a block or padeye mounted on forepeak bulkhead, then aft to a thru-deck ferrule (back of strb cabin top) and cleated to a 38mm cam on aft vertical face of cabin.	29mm			Builder located. Dimension is turning block. Option to add an intermediary fairlead on the main bulkhead. Option to rig a retraction system with elastic cord and blocks.
25a	Bowsprit bearing inserted into bowsprit opening at forward end of hull for bowsprit to slide through.				Builder supplied and located.
26	Furler line system of two fairleads under deck and one 38mm cam cleat with fairlead mounted on port side of cabin house.				Builder located.

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27	Four stainless stanchions with bases with single lifeline. Lifelines secured to stern rail with lashing, and to foredeck stainless eye with lashing or shackle.	305mm			Builder supplied and located. Dimension is lifeline height above sheerline. Lifeline is 1x19 wire. Use of Dyneema permitted only until July 1, 2018. Option to add comfort pads. Option to replace aft lashing with turnbuckle or pelican hook.
28	Two stern pushpits connect with a single lifeline.	305mm			Builder supplied and located. Height above sheerline. Lifeline is 1x19 wire. Use of Dyneema permitted only until July 1, 2018. Option to secure lifeline with lashing, shackles, turnbuckle or pelican hook.
29	GRP molded seahood with hinges, underside padeye and connection hasp for vertical dropboard.				Builder supplied and installed.
30	One plexiglass companionway dropboard capable of being secured or locked from belowdecks.				Builder supplied
31	GRP molded cockpit cover with latch for keel area.				Builder supplied
32	Two heavy duty boat lift pad-eyes installed adjacent to keel (P&S)				Builder supplied
33	Removable, stainless keel lock-down plate with two heavy duty thru-deck fasteners.				Builder supplied
34	Three inspection ports mounted in aft area of cockpit.				Builder supplied and located.
35	Gennaker sheet system with four blocks (two may be ratcheting) and two 150 cam cleats. Two forward blocks attach to the mid-cockpit stanchion bases. The two aft blocks attach to the pushpit bases.	40mm			Stainless U shackles may be replaced by soft shackles of similar length . Option to attach forward gennaker blocks to the jib block pad-eyes in lieu of mid-cockpit stanchion bases. Option to replace ratcheting blocks with auto-ratcheting blocks.
36	Two aft gennaker sheet blocks	40mm		57mm	
37	Two amidships gennaker sheet blocks	40mm		57mm	
38	One cockpit operated manual bilge pump (French boats)				Optional equipment on USA built boats
39	Two Backstay stainless attachment plates				Builder supplied
40	Fixed, aluminum outboard bracket				Builder supplied and installed.
	HULL AND APPENDAGES				

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41	FRP Composite hull				Builder supplied. The center line seam of hull (forward and aft of the keel trunk), within 100mm of either side of centerline, may be smoothed by sanding and/or polishing provided the as-molded shape of the hull is not altered.
42	Keel				Builder supplied. Option for builder provided and installed weed cutter. Trailing edge may be lightly blocked to "square" or bevel off no more than 45 degrees.
42a	Keel trailing edge	5mm/8mm			The 8mm is minimum section thickness at forward end of 45 degree bevel.
43	Keel wedges				Builder supplied and located. No modification of wedges permitted.
44	Rudder				Builder supplied. Trailing edge may be lightly blocked to "square" off.
	Composite tiller				Builder supplied
45	One tiller extension			1120mm	Option to carry spares. Option to relocate tiller extension closer to end of tiller.
46	Stainless rudder gudgeons, straps and pins.				Builder supplied and located. Option to use single or double rudder pins. Option to replace with hardware from alternate licensed J/70 manufacturers.
	SPARS				
47	Mast and boom in carbon fiber with either painted or clearcoat finish.				Builder supplied. Spars may be repainted or recoated. Option to add a fiberglass backstay flicker to the mast crane.
48	Single set of spreaders and brackets				Builder supplied and located. Option to extend spreader as approved by manufacturer to match current length specification.
49	Mast base				Builder supplied and located.
50	Boomvang fitting on mast and boom				Builder supplied and located.
51	Gooseneck fitting on mast and boom				Builder supplied and located.
52	Two stainless padeyes/eye straps (P&S) just above deck level.				Builder supplied and located.

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53	Spinnaker halyard swivel cam cleat.	27mm			Dimension is cam cleat. Option to add a carabiner clip to underside of boom (to an existing fitting) for running the spinnaker halyard tail.
54	Two part Jib halyard - upper halyard with two loop end terminations (one for furler connection and one for connection to lower 4:1 jib halyard fine-tune secured to a swivel cam cleat.)	27mm			Dimension is cam cleat. Option to side mount 40mm block with becket on mast or free float with strop.
55	Main halyard cleat - horn cleat				Builder supplied.
56	Boom end fittings				Builder supplied. A shackle or strop may be added to the aft end of the boom as a main halyard keeper. Option to add a boom topping lift.
57	Mainsheet attachment fitting				Builder supplied and located.
58	Reefing provision				Builder supplied
59	Cunningham cleat of either a fixed 27mm swivel cam with becket or floating cleat assembly.				
60	Carbon fiber bow sprit in either clearcoat or painted finish with stainless U bolt fitting for bowsprit end with integral high load ferrule.				Builder supplied. Option to add a batten (not to exceed 150mm) to end of sprit to act as a gennaker sheet preventer. Sprit may be repainted or recoated.
	STANDING RIGGING				
61	1x19 Stainless wire standing rigging				
62	Forestay	5mm			
63	Upper Shrouds	5mm			
64	Lower shrouds	5mm			
65	Upper backstay (Dyneema)	5mm			
66	Lower backstays (2) (Dyneema)	5mm			Option to add elastic chord to take up slack on the backstay bridle.
67	Open body turnbuckles for all shrouds				
68	Open body turnbuckle in forestay				
69	Backstay legs attached to transom fittings with lashing or shackles (soft or stainless).				Option to add ferrule and lashing to one leg in lieu of standard coarse adjustment.
70	Anti-chafe covers may be added to any part of the standing or running rigging.				
	PURCHASE SYSTEMS				

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71	Mainsheet	4:1		6:1	6:1 purchase created by hanging one extra block (aprox 29 mm sheave size) onto top or bottom fiddle block
72	Headsail sheets			2:1	
73	Gennaker sheets		1:1		
74	Tack line		1:1		
75	Cunningham			6:1	
76	Boom vang		8:1		
77	Jib halyard fine-tune		4:1		
77b	Main halyard fine-tune				Option to add 2:1 purchase with a lanyard running from horn cleat through tail of halyard and back to horn cleat. Lanyard no longer than needed to provide purchase.
78	Outhaul	4:1		8:1	
79	Traveler	2:1		3:1	
80	Backstay		2:1		
81	Pole Outhaul Line		1:1		
	INTERIOR				
82	Molded seats (2)				Builder supplied and located.
83	Aluminum compression post from deck to hull				Builder supplied and located.
84	V-berth molded forward platform with inspection port.				Builder supplied and located.
85	Molded step				Builder supplied and located.
86	Inspection port in aft bulkhead				Option to add drain plug and/or access hatch.
87	GRP cockpit compression post aft of aft bulkhead				Builder supplied and located.
88	Option for soft or hard spinnaker launching bag in companionway area, or soft spinnaker bag for shroud launching.				
	GENERAL				
89	Nonslip material may be added to the deck and interior to promote safe movement.				