

J/80 Standard Building Specifications

1-Dec-20

Items in red are updated since August 16, 2018

	Standard Fitting Description	Minimu	Actual	Maximu	Permitted Modification and/or dimension reference
1	Forestay chainplate (stainless)				Builder supplied
2	Bow pulpit (stainless)	450mm			Builder supplied - continuous height rail (France) or dipped rail (USA). Dimension of pulpit height above sheer line.
3	Bow "U" bolt mooring eye (stainless)				Option for 1 or 2 cleats in lieu of eye; option to add 1 or 2 bow chocks.
4	Foredeck toe-rail molded into deck				If not molded into deck, then builder supplied teak or plastic rail toe-rail bonded and fastened to the deck.
5	Shroud chainplates (stainless)				Builder supplied
6	Foredeck opening hatch		420mm x 420mm		Builder supplied (BSI Moonlight or Lewmar). Hinges may be mounted forward or aft.
7	Two anodized jib T-tracks		1m x 25mm		Option to increase number of adjustment holes. Option for two genoa tracks installed, but only usable in class racing (with a block) as a jib sheet cheek block.
8	Two jib sheet cars				Pull-pin or screw pin. Position optional.
9	Two jib sheet car blocks	40mm		54mm	Sheave diameter
10	Option for one pad-eye and block forward and outboard of each primary winch for jib sheet tail.				
11	Swivel mounted boomvang jamming cleat on molded boss on each side of coach roof.				Option for centerline cascade 8:1 system with one ratchet block and no cleats on deck. Option for rigid boomvang.
12	Boomvang large block (where 2:1 passes)	54mm		78mm	
13	Boomvang smaller blocks (for cascade purchase)				Block size optional
14	Two primary winches of up to 32.2:1 gearing mounted in standard builder location with two 150 cam cleats on vertical cockpit sides				Option for self-tailing winches
15	Option for one or two halyard winches not to exceed 16:1; each with a 150 cam cleat on vertical face of cabin back.				
16	One winch handle				Option for additional winch handles
17	One winch handle holder (optional)				Multiple holders and other storage bags permitted.
18	Tack line system of one bullseye fairlead on deck and either one clutch or one cam cleat with fairlead mounted on starboard side of cabin house.				
19	Mainsheet traveler track with car, and in line cam cleats and turning blocks mounted port and starboard on vertical cockpit wall.				
20	Mainsheet system with swivel arm, block and cam cleat assembly mounted aft of traveler; fiddle block mounted on traveler car and fiddle block connected by strop to the boom.				Option to add mainsheet fine-tune forward of the traveler track using a swivel base/cam/ratchet assembly with maximum 54mm block diameter and maximum combined purchase (rough & fine tune) of 12:1.
21	Mainsheet base block - ratchet	54mm		78mm	
22	Mainsheet fiddle blocks	48mm		58mm	
23	Backstay adjuster hardware of two cam cleats and five feed blocks mounted in standard locations.				
24	Bow sprit launch line led through aft of cabin trunk via thru-deck ferrule and cleated to cam cleat on vertical face of cabin back.				
25	Furler line system of two fairleads on deck and one cam cleat with fairlead mounted on port side of cabin house.				
26	Six stainless stanchions with bases with single lifeline. Lifelines secured to stern rail with lashing or trunbuckles.	450mm			The USA style dipped rail bow pulpit requires one lifeline per side. Dimension is lifeline height above sheerline.
27	Two stern pushpits connect with a single lifeline.	450mm			Height above sheerline.
28	One fixed plexi-glass cabin window on each side of coach roof.				Builder supplied

29	GRP molded seahood which slides captive under two stainless steel cover plates fastened to the deck.				Builder supplied
30	One plexiglass companionway dropboard capable of being secured or locked from belowdecks.				Builder supplied
31	Two inspection ports (Port and Starboard) mounted in aft area of cockpit.				Option to install one additional inspection port in aft of cockpit to access rudder hardware.
32	Laminated wood tiller with stainless rudder straps or composite tiller with no straps.				Builder supplied.
33	One tiller extension				Option to carry spares
34	Stainless rudder gudgeons and pins				Builder supplied, but may be replaced with like or heavier.
35	Gennaker sheet system with four blocks and two 150 cam cleats. Two forward blocks attach to the mid-cockpit stanchion bases. The two aft blocks attach either to the welded eyes at pushpit base or U bolts mounted just forward of the pushpit base.				
36	Two aft gennaker sheet blocks	48mm		58mm	
37	Two amidships gennaker sheet ratchet blocks	54mm		78mm	
38	Twing line system for gennaker sheets of one fairlead and one cam cleat per side, mounted near amidships near the rail.				Optional equipment on USA built boats
39	One cockpit operated manual bilge pump				Optional equipment on USA built boats
40	Masthead tri-color navigation light; OR deck-mounted bow navigation light and transom or pushpit-mounted stern navigation light. Nav lights wired to main battery.				
41	Two Backstay stainless attachment plates				Builder supplied
42	Molded recess in transom on port side for engine attachment.				Protective pad may be added. Fixed outboard bracket of any type may be added to the transom.
43	Molded centerline footrest in cockpit				Option to add helmsperson footrest centerline aft of molded footrest.
	SPARS				
44	Mast and boom in anodized light alloy or finished in Awlgrip (US std prior to 2007)				Builder supplied. Spars may be repainted.
45	Two sets of aluminum spreaders and brackets				Builder supplied
46	Mast wedge to secure mast in place at deck				Option for non-adjustable mast deck wedges of any material.
47	Neoprene mast boot				Option for waterproofing of any type around mast at deck.
48	Mast base				Builder supplied
49	Boomvang fitting on mast and boom				Builder supplied
50	Gooseneck fitting on mast and boom				Builder supplied
51	Two stainless padeyes/eye straps (P&S) just above deck level for use as halyard tail keepers.				Option to attach blocks to run halyards aft.
52	Spinnaker halyard 150 cam cleat on starboard side of mast AND/OR one cheek block on deck (outboard of mast) and one cam cleat aft on starboard cabin trunk.				
53	Jib halyard cleat - double 150 cam cleats on port side of mast.				Option to remove if jib halyard is led to a halyard winch.
54	Main halyard cleat - horn cleat on port side of mast.				Option for double 150 cam cleats or one large clam cleat (previous French std)
55	Boom end fittings				Builder supplied. A shackle or strop may be added to the aft end of the boom as a main halyard keeper.
56	Mainsheet attachment fitting				Builder supplied
57	Reefing provision				Welded tack hooks may be removed from the front boom fitting

58	Stainless U bolt fitting for bowsprit end				Builder supplied. Option to attach a block (free running or ratchet) to U bolt or to insert a high load ferrule into U bolt.
	STANDING RIGGING				
59	1x19 Stainless wire standing rigging				
60	Upper shrouds	4.7mm			
61	Forestay of compacted strand (Dyform)	4.7mm			Option for rod headstay of minimum of -4
62	Lower shrouds	4.7mm			
63	Intermediate shrouds	4.0mm			
64	Upper backstay	4.0mm			
65	Lower backstays (2)	3.0mm			
66	Open body turnbuckles for all shrouds				
67	Open body turnbuckle in forestay				In the older style furlers, there was no turnbuckle which is permissible.
68	Backstay legs attached to transom fittings with lashing or shackles.				Option for turnbuckles (the previous USA standard)
69	Harken MarkIV Unit 0, or Profurl #R250-10J80 jib furler				Harken 0 and 00 model furlers previously standard and permitted.
	PURCHASE SYSTEMS				
70	Mainsheet	5:1		6:1	Option for fine-tune not to exceed 12:1 total combined purchase.
71	Headsail sheets		1:1		
72	Gennaker sheets		1:1		
73	Tack line		1:1		
74	Cunningham	3:1		6:1	
75	Boom vang	8:1		12:1	
76	Outhaul	4:1		6:1	
77	Traveler	2:1		3:1	
78	Backstay		4:1		
	INTERIOR				
79	Removable cabin sole of marine grade plywood with wood or synthetic surface or builder provided GRP panels	12mm		16mm	Thickness dimension
80	Two molded settee berths each with one access panel.				
81	V-berth molded forward platform with inspection port and two plywood access panels above mast step.				Builder supplied. Platforms originally built of plywood can be replaced with like material or with builder supplied GRP platform.
82	Molded companionway step OR stainless ladder with two treads.				
83	Stainless lifting bar between aft two keel bolts.				
84	Inspection port in aft bulkhead				Option to add drain plug and/or access hatch.
85	Aluminum mast bearing beam with L bracket attachment to main bulkhead.				
86	GRP cockpit compression post				
87	Interior reading light				
88	12 volt battery in battery box secured by strap.				
89	Option for spinnaker launching bag in companionway area.				
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