

J/105 Class Guide to Compliance with the Class Rules

The J/105 Class has what are known as “closed” class rules. Anything not explicitly permitted is not allowed. There are a few basic rules to keep in mind when working on your boat.

- All boats shall meet standard specifications and the requirements of the class rules
- No alterations or modifications are allowed except as explicitly allowed.
- All equipment shall be functional for its intended purpose.
- Like-kind exchange is permissible (e.g., swap Harken blocks for Lewmar blocks)
- The boat’s weight certificate must be adjusted for any replacements that are not exact replacements or that do not weigh exactly the same.

The below tables are summaries of class rule requirements, official rule interpretations, and other decisions and guidance that the technical committee has provided. References are provided for many of the entries and should be reviewed for additional detail. These tables are not a complete list of all class rules or rule interpretations. The class rules and official rule interpretations on the class website should be reviewed as necessary.

At the 2019 Executive Committee meeting, the Executive Committee empowered the Technical Committee to approve small changes to the J/105 that make the boat easier to sail, has little or minimal cost, and does not result in an increase in complexity. The below tables include those items that meet these requirements that have been approved by the Technical Committee to date.

All

Allowed	Not allowed	Comments
Compliance with standard specifications at time of manufacture Compliance with later standard specifications	Compliance with earlier standard specifications	RI 02-04. Note: Exceptions are approved on a case by case basis.
	Defective equipment	All required equipment shall be functional for its intended purpose.

Keel & Rudder

Allowed	Not allowed	Comments
Surface fairing Repair of damage Angle cutting the trailing edge by up to 30 degrees.	Alteration of the shape, profile, or contour Moving the keel Redistributing lead in the keel	Fair of irregularities, including removing low points and high points is allowed. (CR 5.4.3) Reducing below the minimum allowed chord length of keel or rudder thickness is not allowed. (CR 5.4.3.b) See RI 02-16 for additional detail.
	Bringing the rudder closer to the hull	A minimum spacing of 5 mm between the rudder and hull is required. RI 05-02

Hull

Allowed	Not allowed	Comments
Surface fairing (CR 5.4.3) Repair of damage (CR 5.4.3)	Alteration of the shape, profile, or contour (CR 5.4.3.a)	Fair of irregularities, including removing low points and high points is allowed. (CR 5.4.3)
Kelp windows for the keel and rudder		Windows are allowed but not required. CR 5.3.21
Replacement prop with a blade diameter of 15"		Any folding or feathering prop with an opened blade diameter of 15" is allowed.
Prop shaft zinc	Removal of prop shaft zinc	RI 02-11

Deck

Allowed	Not allowed	Comments
	Relocation of winches	RI 01-04
	Removal of self-tailer units on winches	RI 99-02
Rub strakes		RI 20-03
Use of spin sheet twings	Additional padeyes for spin sheets	CR 5.3.9 and RI 02-02
	Extra halyard stoppers	RI 00-06
Shortening of the tiller	Tiller with head weighing less than 10.9 lb	CR 5.3.14, RI 99-03
Electronics and instrumentation		There are no limits on whatever electronics or tactical instrumentation you can have, including mounting location. CR 5.3.1, 5.3.2, 5.3.3
Installed genoa tracks not used		This includes having genoa cars, but they cannot be used even as turning blocks. CR 5.3.7

Allowed	Not allowed	Comments
Foredeck lifeline netting, shroud rollers, or other anti-chafing gear		CR 5.3.5
Extra jib track holes		CR 5.3.10
U-bolts or padeyes and blocks for outboard barber-hauling		See CR 5.3.8 for detail.
Driver foot braces		CR 5.3.13
Taut lifelines	“Loose” lifelines	See CR 7.11 for details
Lifesling or horseshoe buoy on stern rail	Lifesling or horseshoe buoy attached to swim ladder	All equipment shall be functional for its intended purpose and CR Exhibit 7.3C
Lashed swim ladder		All equipment shall be functional for its intended purpose. Any lashing or knot should be a quick release (slip-knot) variety to permit quick deployment of the swim ladder.
Sheet & Halyard tail bags		RI 20-03 Line bags may be positioned wherever desired.
Foredeck cleat and fairlead cover(s)		RI 20-03 A chock, tennis balls, lengths of hose or similar may be used to temporarily block the foredeck cleat(s) and/or fairleads. They must be readily removable to permit use of the cleats and fairlead when docking or mooring.
Winch handle holders		RI 20-03 Holders may be positioned wherever desired. Holders may be pockets or bungees.
Lifeline cushions		RI 20-03 Cushions may be installed on the lifelines.

Mast, Boom, & Standing Rigging

Allowed	Not allowed	Comments
Flag/radar reflector halyards	Second spin or jib halyards	Boats equipped with provisions for second spin or jib halyards shall remove those halyards while racing because not all boats have such provisions. Messenger lines may be run but shall not be used, including in the event of a primary halyard break or loss. RI -00-02
Mast-mounted spin halyard cleat	Cleat for any other halyard or line	CR 5.3.22
	Halyard locks or hooks	CR 5.4.1
	Alteration of the mast, mast step, or lowering of the mast	CR 5.4.5
	Alteration of the boom or bowsprit	
Replacing the forestay with 1x19 wire with a minimum diameter of 7 mm	Any other changes to standing rigging.	No change to the standing rigging from standard specifications is allowed except for replacing the forestay. RI 18-01
Double acting backstay	Backstay relief valve set point above 3000 lbs tension	RI 17-03
Backstay adjuster pressure gauge	Remote lines to operate the backstay adjuster	RI 99-06
	Non-integral backstay adjusters	
Strings tied above the “V” in the shrouds		RI 20-03 Strings may be tied above the “V” in the shrouds at the lower spreaders to keep the spinnaker from becoming jammed in the “V”.
Boom mainsheet strops		Strops may be used to replace the boom bails holding the mainsheet blocks. RI 16-01
Toggles in the backstay and/or forestay		CR 5.3.15

Allowed	Not allowed	Comments
12:1 outhaul		12:1 is the maximum purchase allowed. Less purchase is acceptable. CR 5.3.19
Shroud adjustment between races Backstay adjustment at any time	Headstay length, mast butt position, mast position at partners adjustment after initially leaving the dock/mooring Shroud adjustment while racing	These restrictions do not apply to races >25 miles in length. CR 7.4, 7.9
Backstay ruler		RI 20-03 A ruler or similar device may be attached to the backstay adjuster to facilitate reproduction of backstay settings.
Lazyjacks		RI 20-03

Running Rigging

Allowed	Not allowed	Comments
Any size line Any composition of line	2:1 halyard purchase.	There are no restrictions on what may be used for running rigging with respect to size or materials of construction. RI 02-09
Soft shackles		This includes Ti-Lites and similar fittings. RI 16-01
Mainsheet traveler strop		A strop of any length may be used to attach the mainsheet block to the traveler. RI 16-01
Endless traveler line	Traveler take-up line	RI 07-01
	Additional fittings, hooks, or rings	RI 07-01
Outhaul cam cleat & block	Outhaul swivel cleat	RI 07-02
Barberhauling with the lazy jib sheet	Barberhauling by any other method	RI 05-05
	Ratcheting spin sheet turning blocks	RI 02-14

Allowed	Not allowed	Comments
24:1 maximum mainsheet purchase	Double-ended mainsheet fine tune	CR 5.3.6, RI 99-08, RI 01-02 The fine tune purchase may be reduced or disabled.
Moving the mainsheet swivel cam base forward of the traveler		The mainsheet gross tune swivel cam and fine tune swivel cam can be mounted in front of or behind the traveler as suits personal preference. CR 5.3.12
Jib sheet track plunger type car	Adjustable jib lead	RI 99-05
Spinnaker sheet twings		CR 5.3.9
Block and tackle Cunningham to ring on vang swivel		CR 5.3.11
Shackles or equivalent on jib and spin sheets		CR 5.3.16
	Spin retrieval line	A spin retrieval line is not allowed regardless of attachment point. Such a line is not part of the standard equipment. CR 1.3
Device to secure spin halyard to stanchion base or shroud		CR 5.3.17
Bungee in front of primary winches		RI 20-03 A bungee line may be attached in front of the primary winches to help ensure a fair lead to the winch
Mast "fairlead" line		RI 20-03 A line may be attached around the mast below the boom but above the turning blocks to help prevent line hockles at the turning blocks.

Sails

Allowed	Not allowed	Comments
Jib secondary reinforcement	Battens on the jib foot	RI 02-12
4-5 oz dacron chafing patches	Overly stiff chafing patches	A chafing patch stiff enough to act as a batten is not allowed. RI 17-02
<p>Jib minimum weight of 9.0 kg</p> <p>Metal rings at the tack, clew, or head.</p> <p>Metal clew board</p>	Anything added to the jib to increase its weight without other purpose	<p>CR 6.5.3</p> <p>See RI 15-01 for additional detail.</p>
Jib hollow leach		The jib leach shall be hollow and a smooth curve. RI 11-01
Jib #6 luff tape		The jib shall be attached to the roller furler with #6 luff tape. RI 11-01
UV protective tape		UV protective tape may be applied to the leech and/or foot. RI 11-01
Recutting <10% of a sail		Recutting more than 10% results in the recut sail being considered a new sail for which a new sail tag is needed. RI 02-06
Use of an owner's sails on a chartered boat	Any other transfer of sails between boats	Sails belong to a particular boat rather than a particular owner and may not be transferred except as part of a sale and purchase agreement. RI 02-08
<p>Sails allowed during a class event:</p> <ul style="list-style-type: none"> - 1 mainsail - 2 jibs - 2 spinnakers - additional <80% LP jib - storm trysail 		All sails allowed may be aboard the boat. A boat may switch jibs or spinnakers at will.

Crew

Allowed	Not allowed	Comments
Drivers: <ul style="list-style-type: none"> • Owners • Charterers • Long term shipmates • Immediate family members 	Drivers: <ul style="list-style-type: none"> • Anyone else 	This is for Level A1 events. See CRs 3.4 and 3.6, RI 13-01, and the Level designation for individual events. Immediate family consists of the owner's spouse, children, siblings, parents, grandchildren and grandparents. Cohabiting domestic partners are included in the definition of spouse.
Max crew weight is 500 kg		There is no restriction on the number of crew or a minimum crew weight.
A crew of 6 including at least 3 women has no weight limit		New class rule for 2021.

Interior

Allowed	Not allowed	Comments
Battery(s) in starboard lazarette immediately behind the aft cabin bulkhead Battery(s) in the compartment behind the engine	Any other battery location	CR 5.3.20
Cruising amenities which do not enhance performance		CR 5.3.4
	Fuel tank < ½ full	The fuel tank must be at least half full while racing, including at the end of racing for the day.
	Anchor + rode < 16 lb	The weight of the anchor plus rode must weigh at least 16 lbs.
Soft bag holding tank		A rigid holding tank may be replaced with a soft bag that has a volume of at least 14.5 gallons.