

## **J-105 Becky**

The concept behind the J/105 line is to produce boats that are fast, strong, fun and easy to sail shorthanded while racing in One Design fleets or while cruising with dodger raised, sails furled and swim ladder swung off the transom.

J/105 has the stability, rig and sail controls to handle 15-20 knot winds without the need of reefing. It has the strength and seaworthiness for oceangoing passages.

### **Specs**

Designer: Rod Johnstone

Warranty: 10 years

Keel: Fin

Hull Shape: Monohull

### **Dimensions**

LOA: 34 ft 6 in

Beam: 11 ft 0 in

LWL: 29 ft 6 in

Displacement: 7750 lbs

### **Engines**

Total Power: 20 HP

Engine Brand: Yanmar

Engine Model: Yanmar 2GM 20

Engine Type: Inboard

Engine/Fuel Type: Diesel

Propeller: 2-blade folding propeller

Drive Type: Direct Drive

Engine Power: 20 HP

### **Tanks**

Fresh Water Tanks: 1 (10 Gallons)

Fuel Tanks: 1 (12 Gallons)

Holding Tanks: 1 (12 Gallons)

### **Accommodations**

Number of single berths: 4

Number of cabins: 2

Number of heads: 1

## **Manufacturer Provided Description**

The J/105 is a family boat designed to satisfy the needs of Mom, Dad, the kids, and friends. With its outstanding performance in any wind/ sea condition, it can be lazily cruised under main alone for refreshing evening cruises or launch the large asymmetric spinnaker and reel off the miles on a long passage. With active fleets all over the world, the boat can be competitively raced around the cans or off-shore.

## **Hull and Deck Construction**

- Lloyd's approved, aircraft grade AL600 epoxy coated CK57 (6 lbs./cu.ft.) Baltek end-grained balsa laminate construction using polyester resin and biaxial glass fabrics. A vinylester resin barrier to prevent blisters.
- White gel coat hull with single (1.50" to 3.00") tapered bootstripe.
- Large sit-in cockpit with 6.5' seats with backrests, suitable for cockpit cushions.
- One lazarette locker and two cockpit seat lockers w/flush spring loaded latches.
- Swimming and boarding platform sculptured into transom with integral ladder.
- Cockpit coamings 2.5" high over sidedecks to channel water aft.
- Molded companionway slide-in seahood w/dodger boss/instrument pod.
- ORC size molded-in foredeck toe-rails.
- Stainless steel handrails on cabin trunk.
- GRP molded main structural bulkhead, bonded fore & aft on hull and deck as support for shroud chainplates with single opening to forepeak.
- Fore & aft and transverse keel support beams vacuum bagged to hull.
- Fabricated aluminum mast step with transverse beams fastened to main bulkhead.
- Ports on Aft Face of Cabin House (2).

## **Keel and Rudder**

- Faired lead & antimony fixed 6.5' draft, fin keel with bulb bolted to a deep molded stub.
- Balanced spade rudder constructed using "E" glass.
- SS shaft mounted in self aligning rudder bearings.
- 7 spoke powder-coated steering wheel with Edson pedestal

## Spars and Rigging

- Tapered aluminum, fractional-rig mast with double airfoil spreaders, plus boom in anodized finish
- Rod rigging.
- 4.25" diameter, clear coated carbon fiber, retractable bowsprit with 1:2 under-deck Harken launching system.
- Integral hydraulic backstay
- Rigid boomvang with integral cleating.
- Main boom with #1 reef stopper to port and #2 reef sheave on starboard side to double as Cunningham.
- Internal mainsail outhaul on boom.
- Complete running rigging package

## Deck Hardware

- Lewmar 44 two speed self tailing primary winches.
- Lewmar 30 two speed self tailing secondary winches on cabin trunk.
- Double sheave deck organizers recessed in dodger spray shield molding.
- Two PVC winch handle holders
- Aluminum mast collar.
- 4 mast mounted turning blocks
- Two double rope clutches aft on the cabin top. Port is main halyard and jib halyard. Starboard is for cunningham/reef and spinnaker halyard.
- Side mounted rope clutch for spinnaker tack line.
- Traveler track recessed in cockpit seat with 4:1 adjustment system.
- 6:1 racing mainsheet system led to a center-mounted heavy-duty swivel base with single ratchet and camcleat aft of traveler; and a 24:1 fine tune system cleated to a swivel base with camcleat on front side of traveler.
- Custom double-rail stainless bow pulpit and dual corner stern rails with transom gate.
- Low profile headsail furler mounted on stemhead.
- Tapered lifeline stanchions with heavy duty deck plates.
- Four 4-bolt mooring cleats.
- Double foot blocks to lead spinnaker/jib sheets to the cockpit or cabin house.
- Cams for lazy spin sheets, mounted aft of primary winches.
- Two heavy duty "U" bolts aft for spinnaker sheet blocks.
- 20x20 articulated foredeck hatch.
- 10x10 vent hatch in head.
- Opening ports in sides of cabin trunk.
- Light weight, cored, low-profile companionway sliding hatch and acrylic offshore drop board with inside/outside opening hasp.
- Cockpit operated bilge pump.

## **Systems**

- One 12V battery
- On/Off battery switch
- Electrical panel w/circuit breakers
- Battery charger
- Navigation lights
- Automatic bilge pump w/check valve & panel switch for manual operation
- RayMarine GPS, chart plotter
- Standard Horizon VHF
- B&G Hydra 2000 wind & speed

## **Interior**

- Off-white low-maintenance bulkheads, and lightweight bin panels with vinyl trim and teak cap moldings.
- Teak and holly style synthetic high-wear cabin sole with epoxy sealed end grain.
- Storage bins outboard of settee berths.
- Nav station with flip-up lid to access chart storage, and outboard shelf and nav panel to house instruments.
- Galley unit with polished stainless galley sink with fresh water foot pump and Origo 2000 alcohol cook top.
- Forward of the main bulkhead is a changing area, hanging locker and marine head with 12 gal polyethylene holding tank or "Y" valve for direct offshore discharge.
- Holding tank overboard discharge manual pump.
- Forward of the head area is a lightweight bulkhead with V-berth and below berth storage. V-Berth cushions.
- Main cabin settee cushions. V-berth cushions, as well as cockpit cushions that double as settee backrests below.
- Vinyl liner on cabin overhead and hull ceilings.
- 12x18 mirror in head.
- Rugged 54 qt. top opening, portable cooler under companionway ladder.

## **Sail Inventory**

- Dacron main sail
- Carbon roller furling jib
- 4 spinnakers

## **Additional Description**

Go to the following URL link to see the latest on J/105 at J/Boats.com website:  
<http://www.jboats.com/j105/index.htm>