



Spirit of Joshua

44' (13.41m) 1991 Custom Stevens 44 Cutter
Dartmouth Nova Scotia Canada



OVERVIEW

Manufacturer:	Custom	
Engines:		Hull Material: Wood
Engine Model:		Cruise Speed:
Engine HP:		Max Speed:
Beam:		Cabins/Heads: /
Max Draft:	"	Fuel Type: Diesel
Water:		Fuel:

Call for Price



Data Sheet

Category: Cutter

Condition: Used

Model Year: 1991

LOA: 44' (13.41m)

Fuel Type: Diesel

Hull Material: Wood

Engines/Generators

Summary/Description

"Spirit of Joshua", a custom built cutter rigged sailing yacht built in Nova Scotia of commonly use materials for wood boat construction, has been exceptionally well maintained by an experienced and knowledgeable owner.

Spirit of Joshua is a Hand-crafted Custom Cutter Rigged Yacht, using composite wood/epoxy methods to a design by Stevens Boat Works, Nova Scotia, and the owner, Randy Beck. The relatively heavy displacement of this boat makes for greater comfort at sea – especially in the long-range cruising context. The extra weight increases the ballast ratio and ensures a structure with a reassuringly high margin of safety. Wood remains one of the best boatbuilding materials. It offers beauty, strength and inherent durability. Appropriate use of epoxy sustains and intensifies these qualities by forming a vapour barrier over and between the wood. Moisture can neither penetrate nor circulate through the hull. The wood remains dry, maintaining maximum strength and durability. Paint does not blister, and rot is not a problem.

This sailing vessel has been built to marine industry production standards and practices by a reputable company, Steven's Boat Works. **Spirit of Joshua** is registered in Lunenburg, Nova Scotia, home of the Bluenose.

Lunenburg County has a reputation centuries old for producing sturdy yet elegant maritime vessels.

In 2008, **Spirit of Joshua** received a complete inspection and refit. At that time a reverse transom scoop was built on the boat. The boat was then soda blasted and left to dry out for 3 months inside storage. It was then coated with epoxy and four (4) coats of "elastuff" from Rot Doctor (rotdoctor.com). Elastuff 120 is a polyurethane coating that is absolutely waterproof and remains flexible. It has a durability to exceed 15 years on wetted surface. Elasta-Tuff 6000-AL-HS UV/Colour Stable Aliphatic Polyurethane coating was applied on hull exterior from Keel to sheer clamp followed by antifouling paint.

Construction is 1 inch thick pine with bronze fasteners on steam bent to 2 3/4 X 1- inch oak frames on 8- inch centers, epoxy coated inside and out. Hull interior in addition to epoxy coating has Interprotect 2000 Coating.

"SPIRIT OF JOSHUA" is a robust long range cruiser modernized with aluminum rig, main sail furling boom, double furling head sails and a full complement of electronics.

Construction

Custom Designed Stevens 44 Cutter Rigged Sailing Yacht *Spirit of Joshua*. - Full Keel, Skeg Rudder, Raked Bow, Round Chine, Traditional Stern with Sugar Scoop, Trunk Cabin LOA: 44' 0", LWL: 37' 0", Beam: 13' 6", Draft: 6' 6", Net Tonnage 15.83, Sail Area: 1,100 sq. ft.

HULL - The hull is essentially as originally constructed and has not been materially altered or substantially modified with exception of new sugar scoop transom. Construction is 1 inch thick pine with bronze fasteners on steam bent to 2 3/4 X 1- inch oak frames on 8- inch centers, epoxy coated inside and out. Hull interior in addition to epoxy coating has

Interprotect 2000 Coating.

TOPSIDE - Paint is a two-part navy colour.

DECKHOUSE - Colour is off-white.

Anti-fouling -Paint is Interspeed Red BRA640.

Deck material - 2 layers of 1/2 -inch marine grade plywood epoxed together and fiberglass covered.

Keel and keel Bolts - Cast-iron keel and galvanized keel bolts, epoxy sealed.

LONGITUDINALS - 5 3/4-inch wide oak keelson.

Transverse frames - 2 1/4 X 3-inch oak ceiling beams on 16- inch centers

BULKHEADS - One water tight in forepeak and 3 other main ones.

Cockpit - Center cockpit with several seat lockers and the cockpit cushions, self- bailing.

Lazarette - Storage is large.

Hatches and scuttles - Bin boards secure companionway. There are 11 bronze opening

Portholes with screens and three tinted acrylic overhead vent hatches framed with mahogany. All three are large enough for escape routes.

Fastenings - bronze and stainless steel.

Deck fittings - Stainless steel mooring cleats: two bows with the line chocks, two stern and one each side with line chocks, on the bow deck a chromed bronze mooring bollard.

Through hull fittings - Bronze below waterline and white acrylic above. Acrylic is recessed into hull planking.

Pulpit - Stainless steel bows pulpit rails.

Arch - Welded anodized aluminum stern deck mounted arch for antennas, wind generator and three solar panels.

Davit - Stainless steel Garhauer davit for outboard motor and two stainless transom mounted dinghy davits.

Dinghy - 2007 Walker Bay Genesis 10 foot rim HIN: Us-EWVG1158A707.

Dinghy power - Yamaha 15 HP, model 15 FMH, serial number. 684k-S-104-6445 - K.

Dive swim ladder - Stainless folding ladder from transom.

Grab rails - Stainless steel tubing on coach house deck sides.

Lifeline and handrails - Double lifelines of white vinyl covered stainless wire on 1- inch stainless tubing stanchions.

Bimini / Dodger - Navy canvas Dodger and Bimini with isinglass front panels on stainless tubing frame.

Sails Rigging

SAILS

Four (5) Sails

1) Mainsail - white Dacron (9 oz.), full batten, Schaefer in boom furler.

2) Staysail - white Dacron (8 oz.) with profurl furling.

3) Two. (2) Jibs - white Dacron (9 oz.) with Harken furler.

4) Nylon Spinnaker.

Sacrificial strip on roller furling jib and staysail.

RUNNING RIGGING

Dacron yacht braid HALYARDS.

Two mast mounted HALYARD WINCHES - one Lewmar 43 two-speed self-tailing and one Barient 18.

Dacron yacht braid SHEET.

Sheet winches - Primary: two Barient 28 + two-speed self tailing. Secondary: one Harken 40 two-speed self tailing electric power and one Lewmar 44 Two-speed self tailing.

Mainsheet Vang - Traditional wood block and tackle and Dacron yacht braid.

Boom vang - Extruded anodized aluminum Schaefer kicker.

Turning blocks - Various line organizers and turning blocks.

Clutches - Five spinlock rope clutches.

WINCHRITE -by Sailology Cordless Winch Handle is a light-weight, safe, cordless electric winch handle designed specifically for use on sailboats. A perfect addition to your sailing gear, the WinchRite ABT features an efficient 21.6v Lithium-ion battery, an ergonomic design and comes complete with a holder for when not in use. This electric winch handle works on all single and two speed winches where a standard eight-point handle is utilized. It features a chimed soft start speed acceleration and a sealed circuit board. Operate the WinchRite handle at the lowest speed of your winch to ensure maximum pull and lowest battery consumption.

Standing Rigging

Main mast - Extruded anodized aluminum Isomat NG-86, deck stepped, double spreader, internal halyards, mast compression loads born below decks with no significant deflection noted at mass step.

BOOM - Schaefer extruded anodized aluminum in boom roller furling mainsail

Gooseneck - Cast aluminum and stainless steel.

Spinnaker pole - One extruded anodized aluminum Forespar, secured to mast face.

Chain plates - Stainless steel bar stock, secured with through bolts to hull exterior and secured internally to frames and backing plates where required.

Head stays - 3/8-inch 1 X 19 stainless strand.

Inner fORE stay - 3/8-inch 1 X 19 stainless strand.

Back stay - 3/8-inch 1 X 19 stainless strand with Norseman fitting on 5/8- inch stud in open body turnbuckle.

Intermediate back stays - 3/8-inch 1 X 19 stainless strand with Norseman fitting on 5/8-inch stud in open body turnbuckle.

Upper shrouds - 3/8-inch 1 X 19 stainless strand with Norseman fitting on 5/8-inch stud and open body turnbuckle.

Lower shrouds - Double 3/8-inch 1 X 19 stainless strand with Norseman fitting on 5/8-inch stud in open body turnbuckle.

Intermediate shrouds - 3/8-inch 1 X 19 stainless strand with Norseman fitting on 5/8-inch stud in open body turnbuckle.

Engine Electrical

ELECTRICAL SYSTEMS

Kiss wind powered electrical generator.

STARTING BATTERIES - One - 12-VDC group 31 maintenance free wet lead acid, 1000 CCA. Secured and protected.

Storage batteries - Six (6), 6-VDC US 2600, 232-amp (trojan) hours, golf cart batteries, wet lead acid, secured and protected.

Heart Interface Freedom 30 INVERTER charger with Link 2000R Monitor.

Battery switches - Two Guest on /off.

Shore power - 125-VAC, one -50 foot cord and one -70 foot cord. Both 30 ampere.

One marine grade weatherproof Shore power Inlets

Telephone/ TV cords

Electrical panels - AC and DC in separate panels.

Light fixtures - Incandescent, fluorescent and halogen.

Over current protection - Fuses and circuit breakers, GFCI at galley.

Voltage - 125-VAC, 12-VDC.

Engine

Main engine - Perkins 4-236, diesel, normally aspirated, four (4) cylinders, four (4) cycle), eighty-five (85) horsepower, installed with flexible mounts on FRP bearers. Serial Number LD20663U14-902P. Engine hours 3,698. Very clean.

Reduction gear - Borg Warner Velvet Drive, model 10-17-008, 1.91:1 reduction. Model serial no. 15257.

Lube oil filter - Engine mounted spin on canister.

Fuel filters - Bulkhead mounted Racor and secondary bulkhead mounted RCI Purifiers spin on canister.

Shut off valve - At tank manifold and at primary fuel filter.

BLOWER

Engine COOLING - A medium or freshwater and glycol circulating by means of mechanical pumping action through a heat exchanger with separate raw seawater circulated through it by means of mechanical pumping action.

Exhaust cooling - Waste raw seawater from heat exchanger injected at exhaust gas elbow (riser) and from that location via hose to muffler and subsequently discharged via hose to stern through hull fitting.

Waterlock Vetus Muffler / Silencer

Hose/ Belts/clamps

Seacocks / strainers - bronze ball valves and bronze strainer with removable internal seine screen for cleaning.

Thermal acoustic Engine room insulation

Engine electrical - 12 VDC Alternator and starter.

Propellers - 19 inch Max.

Shaft / COUPLINGS - 1 ¼- inch stainless shaft with rigid and flexible couplings

Shaft stuffing box - New PYI dripless shaft seal.

Stern tubes (shaft log) - Bronze

Bearings CUTLASS

RUDDER, STOCK AND BEARING - 2-inch rudder post, rudder is constructed with Internal frame of welded stainless steel and over coated with marine plywood FRP and EPOXY.

Rudder indicator

Rudder Stuffing Boxes - Bronze packing gland.

Alarms - Bell for low oil pressure and high engine temperature.

Morse mechanical controls.

Shut down system - Fuel Starve pull lever.

Electronics

ELECTRONIC AND NAVIGATION SYSTEMS

Seastar hydraulic STEERING - with small traditional wheel on helm pedestal.

Steering station

COMPASS - ONE 7-inch Danforth Constellation Binnacle mounted.

Deviation card

VHF radio - Icom IC- M502 VHF with remote cockpit microphone.

SSB radio. - Icom IC M802 with ICOM 140 antenna tuner in lazarette and new bronze ground plate. Radio license Canadian, call sign CFD 7217.

Standard Horizon 180 and Standard Horizon 300 GPS (SAT/NAV).

Simrad 30 radar.and Simrad Depth Sounder

AIS - SI-TEX automatic identification system (AIS) transmitter.

Navigation lights - mast head tri- colour and anchor light, sidelights, stern light, mast steaming light.

Bows deck light and two spreader lights.

Raymarine ST60 WIND directions /speed.

Raytheon ST8001, hydraulic auto pilot

Brass quartz ships clock

BRASS barometer

Navionics software IPAD

All around white portable ANCHOR LIGHT

Pumps and Dewatering Systems

ELECTRIC BILGE - Two submersible Rule Heavy Duty with automatic float switches

Hand operated bilge -one Whale bilge in cockpit and Whale grey water in aft and forward head.

Shower sump - Uses grey water pump.

Pressure Potable water - Shurflo 12-VDC

Wash down, raw water - Shurflo 12-VDC

Water filters - In line screen at galley and primary cartridge for water maker.

Water maker, primary - 12-VDC March

Water maker - Village Marine Tec. model Little Wonder 160-200, 12-VDC operated.

Toilets MSD - One hand pump Raritan forward and one electric Raritan in aft head.

MACERATOR - At electric toilet / Raritan Electro-Scan sanitation system.

Fuel Transfer Ability

TANKAGE

Fuel - Diesel in two bilge tanks, one 80 us gallon, one 40-us gallon.

Vents - Overboard

Potable water in 3 Tanks - Located in bilges, stainless steel, total-220 gallons.

Water heater - 125 VAC and main diesel engine cooling medium heat exchanger recirculation.

Cooking fuel/ location - Two 20 # steel cylinders in vented locker on aft deck with regulator and electric solenoid control switch.

Waste holding tank - Electro scan system in aft head does not require holding tank. No tank in forward head. Space allowed for holding tank.

Holding, grEy water - Stainless steel, approximately 10 gallon.

Galley Equipment

Stove - Stainless steel Force 10 - four burner with oven, cooking fuel propane.

Refrigerator - Galley countertop loading -cooled by two systems:

Technicold engine driven and 120-VAC compressor.

Freezer - Galley counter top loading.

Sink -Two stainless steel bowls.

Microwave - Panasonic.

Stereo - One Kenwood model KDC 2019 AM/FM CD stereo.

Safety Equipment

SAFETY EQUIPMENT

Throwable PFD On stern rails - 610- mm ring buoy with retrievable line and water light, Also one inflatable lifesling

Live raft - One I SSI - 6 person, serial no. R4791.

Fog Bell horn - Fog Bell located at dodger, mouth horn also available

Fire extinguishers

1. Chubb 1A: 5BCdry chemical, in galley
2. b) Cronin, 7# Halon 12211, 2A: 10BC, in companionway
3. c) Master craft 3A: 40BC dry chemical, in salon
4. d) Chubb 10BC dry chemical, in galley.

Smoke detector - One battery operated.

CO Detector - One battery operated.

Fume detector - Ten TEK gas detection system, push to test proven.

High water alarm

Bilge blowers

Emergency Tiller steering

Anchors (3)

a) Primary Delta 55# with 210- feet 5/16 inch chain

b) 45# galvanized steel Bruce plow with 300- feet of 1 inch three strand

nylon and 50- feet 3/8 inch chain

c) 75# fisherman

Windlass and controls - 1501 Lighthouse with foot pedal and helm control.

PARA Drogue

Roller Chock - Double rollers on stainless steel stem plate.

EPIRB - ACR model RLB-35, part no. 2744, serial no. 7831, COSPAS-SARSAT NO. 2DCC443D2EFFBFFBFF.

RADAR REFLECTOR - Firdell Blipper, mast mounted.

SPARE PARTS

ENGINE - engine raw water pump, fresh water pump, four (4) injectors and voltage regulator and spare alternator.

OUTBOARD - spare prop for outboard.

POTABLE WATER SYSTEM - two spare fresh water pumps



























































