

# SABRE 46 SALON EXPRESS

## 2011 MODEL YEAR SPECIFICATION

Length on deck	46'	14.m
Length (overall)	47'-6"	14.48m
Beam (overall)	15'-4"	4.67m
Draft	3'-9"	1.14m
Deadrise (at transom)	14°	
Displacement (approx., dry)	34,700lbs	15740kg
Fuel capacity	500 gal	1892L
Water capacity	160 gal	606L
Holding tank capacity	70 gal	265L
Headroom (maximum)	6'-6"	1.98 m
Sleeping accommodations	(6) 6'-6"	(6) 1.98 m
Air draft (W/L to mast top)	14'-2"	4.32m
Air draft w/o mast	10'-10"	3.30m
Built to CE, NMMA, ABYC and USCG standards		

### HULL

- Modified Deep "V" Planing hull design, with shallow pod drive tunnels.
- 14° deadrise at transom, 23° deadrise amidships.
- ISO NPG white gelcoat w/vinylester back-up resin.
- Bottom, topsides and transom vacuum-infused biaxial E-glass with Airex C70 foam core.
- Stringer system biaxial E-glass with foam core.
- Bulkheads vacuum-bagged biaxial E-glass with polypropylene honeycomb core.
- Molded E-glass swim platform with molded-in anti-skid surface.
- Hull side rubbing strakes.
- PVC rub rail with stainless steel cap.
- Painted (IMRON) double boot top.
- Gold recessed cove stripe.

### DECK and HARDTOP

- ISO NPG gelcoat.
- Vacuum-infused biaxial E-glass with balsa core.
- Molded-in anti-skid deck surfaces.
- Bi Fold aft salon door to port.
- Sliding windows in salon on cabin sides.
- Electric opening window in salon aft bulkhead.
- Hinged access door to side deck at helm.
- Flush, outward opening, transom door with latch.
- Anchor locker with slam latch.
- Large lazarette/engine room access hatch in cockpit sole with compression latches.

### DECK HARDWARE

- 1 1/4" Diameter type 316 stainless steel perimeter rail system.
- (8) 12" Stainless steel cleats (2 fwd, 4 mid ship, 2 in aft cockpit).
- (1) 10" Stainless steel cleat to starboard of windlass as anchor rode tie off.
- (4) Custom cast stainless steel mid-rail line chocks.
- (2) Custom cast stainless steel skene chocks forward.
- (2) Custom folding stainless steel mooring cleats aft.
- Bow pulpit with dual anchor roller for 44# CQR or Delta anchor and "lunch hook".
- Anchor windlass, electric rope-chain type.
- Flag staff and socket on taffrail.
- Burgee staff on bow pulpit.
- (6) Low Profile stainless steel hatches w/screens.
- (6) Custom stainless steel opening port lights.
- Teak toe rails.
- Teak cabin side eye-brow.
- Custom cast stainless steel "SABRE" medallion.

### HELM STATION

- Cummins DTS single lever electronic controls.
- Dual Cummins Smart Craft display (engine data, tank levels, vessel data, alarms).
- Triple windshield wipers with washers.
- Ritchie Compass.
- Switch controls for horn, running lights, anchor light, engine room blower and optional equipment.
- Stazo 400mm custom teak steering wheel with tilt helm.
- Stidd single helm seat.

### PROPULSION

- Twin Cummins QSC 8.3 550 hp electronic, fresh water-cooled engines..
- Twin CMD Zeus 3800 pod drives, with integrated steering and trim
- 120A, 12V alternators each engine.
- (2) Exhaust by-pass mufflers.
- Engine room blower.
- Engine room vent ducts.
- Engine room floor with FRP anti-skid.
- White gelcoated engine room
- Mylar face foam noise barrier.

### FUEL SYSTEM

- (2) 250 USG diesel fuel tanks port and starboard.
- Racor fuel filters with water in fuel probes.
- (2) 2" "Diesel" deck fill plates.

### STEERING and TRIM SYSTEMS

- CMD helm, with joystick.
- Trim tabs integrated in CMD Zeus pod drives.
- Autopilot integrated in CMD Zeus system.
- "Skyhook" GPS position hold system with dedicated GPS receiver.

### 12VDC ELECTRICAL SYSTEM

- Two AGM Group 31 dedicated engine start batteries.
- Three AGM 4D deep cycle ship's service batteries.
- One AGM Group 24 generator start battery.
- Remote control battery switches with controls at helm.
- Manual emergency battery crossover switch.
- Illuminated main circuit breaker distribution.
- Digital battery monitor.
- Lighting:
  - St. Maarten cabin reading lights.
  - High output LED lights in the overhead.
  - Halogen bar lighting in appropriate locations.
  - Fluorescent engine room lighting.
  - Cockpit courtesy lights.
- Marine-grade, tinned wire throughout.

### 120VAC ELECTRICAL SYSTEM

- Onan 11.5 kw generator including:
  - Interfaced to Cummins Vessel View display
  - Dedicated start battery.
  - Water lift muffler.
  - Cooling water intake strainer.
  - Sound shield.
  - Transfer switch.
- 50A shore power service with Glendinning Cablemaster & 50 ft. cord.
- Fail safe galvanic isolator.
- Illuminated main circuit breaker distribution panel.
- Digital AC system monitor
- 120V GFCI protected outlets in each cabin and engine room.

- 50amp, 3-bank battery charger
- Reverse cycle heat/ air conditioning in (3) zones.

### **MASTER STATEROOM AMIDSHIPS**

- Spacious island berth athwartship layout with laminated trim.
- Hull side deadlight over head board
- Shoji style passageway and closet doors
- Shoji style portlight screen panels
- Cherry hull ceilings.
- Drawers under berth and in bulkhead aft of berth.
- (2) hanging lockers fore and aft of bed.
- 19" flat screen TV and DVD player.
- Teak and holly sole.
- Sound deadening soft headliner panels.
- Pocket door to master head compartment.

### **MASTER HEAD**

- Private access from master stateroom
- Custom tile in WC and shower sole
- Ceramic vessel style sink
- High gloss finish over solid cherry counter.
- Vanity cabinet below sink
- Storage outboard
- Mirror above vanity
- Separate shower stall with clear bi-fold enclosure and glass tile accent wall within
- Electric shower sump pump
- Opening port to side deck
- Deck hatch with blind/screen overhead
- Ventilation blower
- Towel bars

### **SECOND STATEROOM**

- Spacious island berth, with laminated trim.
- Cherry hull ceilings.
- Drawers under berth, A/C return grille beside.
- Storage lockers and shelves.
- Teak and holly sole.
- Sound deadening soft headliner panels.
- Pocket door to passageway.
- Private access to forward head and shower

### **GUEST HEAD**

- Stainless steel under mount sink.
- Shower stall with seat and locker outboard.
- Hot and cold pressure water
- Electric shower sump pump.
- Storage lockers.
- Solid surface vanity top with bull nose.
- Towel bars
- Wood trimmed mirror over sink.
- Ventilation blower.

### **GALLEY**

- Solid surface galley counter top.
- Stainless steel under mount sink with galley pull-out faucet
- Stainless steel under mount sink with cover.
- Isotherm stainless steel stand-up refrigeration/freezer
- Two burner electric cook top.
- Convection microwave with stainless steel
- Drawers and storage lockers below counter.
- Built-in waste basket.

### **MAIN SALON**

- "L" settee to starboard, 5" foam cushions, with storage and Sabre tool drawer under.
- High Gloss finished table with hi-low pedestal, lowers to coffee table height.
- Entertainment unit to port including:  
flat screen LCD TV on lift with DVD player
- Sound deadening, soft headliner panels.
- Raised mates L-shaped settee to port of helm chair
- Bi-fold door to cockpit
- Swing door at helm to starboard side deck

### **DÉCOR**

- Varnished cherry interior finish.
- Screens on all opening ports.
- Ocean Air screen/blinds on deck hatches.
- Ocean Air pleated blinds on side windows and side door
- Optional fabric and drapery selections.
- Dovetailed maple drawer boxes

### **FRESH WATER SYSTEM**

- Water capacity 160 gals.
- Stainless steel, 20 gal. water heater, operates on 110-VAC or engine heat.
- Temperature control valve on hot water supply.
- Hot and cold water pressure system 12V.
- Fresh water spigot in engine room.
- Optional Cockpit shower, hot and cold.
- Optional Fresh water wash down in anchor locker.

### **WASTE DISPOSAL**

- Polyethylene holding tank with 70 gallon capacity.
- Jabsco Quiet Flush fresh water MSD.
- Diaphragm waste pump on holding tank.

### **SAFETY**

- Single Kahlenberg chrome trumpet horn with compressor
- Fire extinguishers, (5) at 2 1/2 lbs.
- Marelon sea valves on all thru-hull fittings below waterline.
- Bonding system to safeguard against galvanic corrosion.
- Automatic fire extinguishing discharge system in engine space with override.
- (3) Automatic 12V electric bilge pumps.
- (3) high water switches and alarm.

**07/10**