

May 7, 1993

SABRE CORPORATION
SAILMAKER FACT SHEET FOR SABRE 362 SLOOP

NOTE: This Fact Sheet is for Sabre 362 Hull Nos. 107 to present only.

Basic Rig Dimensions:

P = 41.60' I = 48.50'
E = 14.83' J = 13.46'

Mainsail Data:

- | | | |
|---------------------------------|---|---|
| 1. Main mast track | - | Review actual mast for track used |
| | - | Standard: 1/2" groove for bolt rope or 3/8" slugs |
| | | Option: |
| | | #6 metal mast flat internal slides 3/4" |
| 2. Main boom track | - | 1/2" groove for bolt rope or 3/8" slugs |
| 3. Set-back of tack | - | 2 1/2" from aft face of mast |
| 4. Set-up of tack | - | 1/2" above top of boom track |
| 5. Main tack shackle | - | Opening 1", length 1 1/2" |
| 6. Clew outhaul | - | Shackle on slide, set-up 1 5/8" above top of boom track. Jaw opening 5/8" jaw length 5/8". |
| 7. Headboard shackle | - | Schaefer #93-80 or Wichard #434-B |
| 8. Luff slide stop | - | Fitted 5 1/2" above black band |
| 9. Gooseneck | - | Fixed |
| 10. Mast circumference | - | 1' 9 1/2", Hall section #205 |
| 11. Boom circumference | - | 1' 4", Hall section #152 |
| 12. Jiffy reefing | - | Two sets of jiffy reefing hardware are provided standard with each boat; use external rings for reef tacks. |
| 13. Set-back of reef tack hooks | - | 2 3/4" from aft face of mast |

Headsail Data:

- | | | |
|--|---|------------------------|
| 1. Headstay diameter | - | Standard: 5/16" wire |
| | | Option: 12 Rod |
| 2. Headstay length
(pin to pin, including turn-buckle 2/3 open) | - | 49' 5 3/4" |
| 3. Halyard shackle | - | Schaefer #45-05 |
| 4. Tack shackle | - | Schaefer #45-30 |
| 5. Set-back of tack | - | 1 1/2" aft of headstay |

NOTE: All genoas must be cut to lead within the track lengths indicated on the sail plan.

SABRE

362

Specifications Summary - July 1995

L.O.A. 36' 2"
L.W.L. 30' 5"
Beam. 12' 0"

Draft:

Deep Keel 6' 6"
Centerboard Keel - up/down 4'2"/7'11"
Wing Keel 4' 8"

Displacement (lbs.):

Deep Keel 13,800 lbs.
Centerboard Keel 14,980 lbs.
Wing Keel 14,060 lbs.

Ballast (lbs.):

Deep Keel 5,520 lbs.
Centerboard Keel 6,700 lbs.
Wing Keel 5,780 lbs.

Rig Dimensions:

P 41.60'
E 14.83'
I 48.50'
J 13.46'
Total Sail Area (sq. ft.) 634
Spinnaker Area (sq. ft.) 1158
Mast Height Above W.L.* 53'2"

Winches:

Main Halyard/Reef 30 CST
Jib Halyard on Mast 24 C

Main Sheet 30 CST
Primaries 48 CST

Optional Winches:

Topping Lift 24 C
Spinnaker Halyard 30 C
Secondaries 43 C

Hull Data:

Cockpit Length 7' 5"
Headroom 6' 4"
Water Tanks -2 (Total gals.) 78
Holding Tank (gals.) 30
Batteries (No. @ Amp Hrs.) 2 @ 100
Berths (No. @ Sizes) 7 @ 6' 6"
Hatches 3
Chrome Dorades 2
Opening Ports 7
Fixed Ports 4
Destroyer Wheel (Diameter) 40"

Auxiliary Engine:

Westerbeke Aux. (HP) 32
Cylinders 3
Fuel Tank (gals.) 34

Performance Data:

Theoretical Hull Speeds (Knots) 7.4
PHRF Rating (Average) 108

Equipment List

Hull Construction

- Single unit, balsa cored, hand-laminated fiberglass of alternate layers of mat knitted biaxial roving.
- Isophthalic gelcoat.
- Below waterline, Sabre technology is utilized, consisting of chopped strand glass and vinylester resin as a back up for ISO NPG gelcoat.
- Internal deck to hull joint.
- Molded in double boot and single cove stripes.
- Bulkheads, berth faces, shelves and floor stringers laminated to hull providing integral, structural strength.
- Choice of step or traditional transom.

Deck Construction

- Single unit, hand-laminated fiberglass with balsa core for stiffness, and marine mahogany plywood in lieu of balsa in high stress areas.
- The deck is bonded to the hull using stainless steel thru-bolts every 6" with aircraft style locknuts.
- Polyurethane sealant at the deck to hull joint.

Steering System

- Edson wheel steering with 40" Destroyer wheel, wheel guard, and brake.
- Ritchie FN 201 compass mounted in binnacle.
- Emergency tiller stored in cockpit locker.
- Balanced rudder is molded fiberglass bonded to a 3" IPS schedule 80 rudder stock that passes through a removable polyethylene bearing and support tube securely laminated to the hull.

Stem Head

- Custom cast alloy stem head and anchor roller.

Auxiliary Power

- Westerbeke 35B - 3 cylinder fresh water cooled diesel with 2.72:1 reduction gear.
- 12-volt 50 amp alternator.
- 34 gallon custom aluminum fuel tank, deck filled, shut-off valve, vented and grounded.
- Racor fuel filter/water separator.
- Raw water intake strainer with wrench.
- Four point engine mount system optimized to reduce vibration and noise.
- Engine compartment exhaust blower.
- Engine compartment light.
- Complete engine access provided by sound and heat insulated removable panels.
- Tachometer, hour meter, volt, oil and temperature gauges are recessed in cockpit face.
- Fuel gauge mounted at nav station.
- 1-1/8" Aquamet prop shaft passes through a glassed-in PYI shaft seal with bronze strut, right hand two blade sailor propeller 16 X 12.
- Remote oil sump drain.

Keel

- A modern NACA section fin keel cast in lead with antimony added for strength.
- Thru-bolted to a reinforced hull keel sump with stainless steel bolts.

*Note: These dimensions do not include optional masthead lighting, antennae, or electronics.

Sabre 362 Equipment List - July 1995

Electrical System

- Two 12-volt 100 amp group 31 deep cycle marine batteries with sealed four position battery switch.
- 110V shore power system with GFI protection
- 50' shore power cord.
- Master AC/DC Bass 6200 marine circuit breaker panels (black) located at the chart table, include AC/DC volt and ammeters, and polarity indicator. Space is provided for additional breakers and electronic gear.
- Teak panels access cockpit mounted instrumentation.
- All wiring is tinned, color coded and meets USCG standards.

Ventilation & Light

- 2 *Lewmar* polished Ocean Series deck hatches with provision for screens.
- 2 dorade vents.
- 4 main cabin fixed port lights of *Marguard Lexan*.
- 2 opening ports each in main, aft cabin, forward cabin, and aft head.
- Acrylic sliding companionway hatch with fiberglass spray hood and solid teak hatch boards.
- Screened hatch boards.
- Custom stainless ports.

Deck Hardware

- Inboard and outboard genoa tracks are 1 1/4" x 3/16" x 12' aluminum T-track.
- Inboard tracks are recessed into the deck tooling.
- Outboard tracks supplied with end stops and *Lewmar* jib lead blocks.
- Inboard tracks supplied with end stops and *Lewmar* lead block.
- Custom cast mid-rail chock fitted into each toerail.
- Five part main sheet with *Schaefer* SS blocks led to *Harken* recirculating Torlon ball bearing cabin top traveler, and to a *Lewmar* 30CST two-speed winch.
- Custom cast mast collar with provision for halyard and turning block attachments.
- (2) 4-bolt cleats forward and (2) aft.
- Self-draining foredeck anchor locker with drain and padeye for anchor rode.
- Pulpit, stern rail and stanchions are custom fabricated of stainless steel and thru-bolted with aluminum backing plates.
- Double lifelines of vinyl coated stainless steel cable with port and starboard boarding gates with braced stanchions.
- All lifeline terminals and turnbuckles are swaged stainless steel.
- Solid teak handrails and toerails.
- Stainless companionway hand rail.
- Main halyard led aft.

Winches

- All winches are *Lewmar* "Ocean Series".
- Main sheet led to *Lewmar* 30CST two-speed.
- Main halyard - *Lewmar* #30CST two-speed.
- Genoa halyard - *Lewmar* #24C two-speed, mounted on mast.
- Jiffy reefing - two lines led through stopper to a *Lewmar* two-speed winch, mounted on aft cabin top, shared with main halyard.
- Primaries - two *Lewmar* 48CST self-tailing winches.
- Two 10" chrome winch handles; one 10" chrome lock-in.

Cockpit

- Two deep storage lockers.
- Recessed winch handle pockets.
- Coamings angled for comfort.
- Solid teak cup holder on pedestal.
- Two cockpit scuppers to bronze seavals.
- Stove fuel storage locker.
- Transom boarding ladder with teak treads.

Designed by the Sabre Design Team. All specifications are approximate and are subject to change without notice.

Mast

- Aluminum, keel stepped, Hall Spar mast with double swept airfoil spreaders, mast-head rig with white *Awlgrip* finish.
- Masthead with three halyard sheaves and double spinnaker crane.
- Internal main and genoa halyards.
- Prewired with radio cable.

Boom

- Aluminum, white *Awlgrip* finish.
- Internal clew outhaul.
- External topping lift.
- Two sets of internal jiffy reefing.

Chainplates

- Stainless steel, thru-bolted to composite structure bonded to the hull.
- Wood covers over Tie-Rods.
- Grounded to the keel.

Standing Rigging

- All rigging *Mac Whyte Sailbryte*.
- Headstay: wire size 5/16".
- Split backstay wire size 5/16" with 1/4" legs.
- Upper shrouds: wire size 9/32".
- Intermediate shrouds: wire size 1/4".
- Lower shrouds: wire size 5/16".
- Spreader boots, shroud covers, and turnbuckle covers.

Running Rigging - Color Coded

- Main halyard 3/8" ULS with headboard shackle.
- Genoa halyard 3/8" ULS with snap shackle.
- 7/16" Dacron braid main sheet.
- 9/16" Dacron braid genoa sheets.
- 3/8" traveler control lines.
- 7/16" jiffy reefing lines.

Accommodations

- Scandvik polished SS double galley sink.
- 6'4" standing headroom.
- Forward cabin has two 6'6" V-berths.
- Main cabin has two 6'6" settee berths. Starboard berth converts to a double.
- Aft cabin with double berth.
- Aft head with separate stall shower.
- Forward cabin equipped with vanity sink, mirror, storage lockers, and upholstered seat.
- All berths provided with 4" foam cushions (main cabin berths have 4 1/2") covered with a durable fabric, zippered for ease of removal.
- *Raritan* PHII head.
- Lights in hanging lockers.

Sabre Features

- Fully equipped tool drawer.
- Activated carbon water filter.
- 3 type A: B: C fire extinguishers.
- Louvered teak in main cabin locker doors.
- Cockpit locker light.
- Bronze surface thru-hulls with bronze seavals.
- Hoses greater than 1" in diameter are double clamped.
- Cypress hull ceilings.
- Propane 2 burner stove with oven and gas sniffer.
- Hot and cold pressure water.
- Varnished interior teak or cherry finish with teak & holly cabin sole. Dovetailed drawers.
- (1) Automatic electric and (1) manual, cockpit mounted bilge pump.