

## ELECTRICAL SYSTEM

**Battery Charger:** *Dytek 12 volt/15 amp & 12 volt engine alternators*

**Auxiliary Generator:** *None*

**Storage Batteries:** *Two 12 volt batteries*  
**Battery Installation:** *In lazarette in two boxes, covered & secured*

**Lighting:** *12 volt DC with 110 volt AC outlets*

**Wiring:** *Cambic molded rubber & thermoplastic*  
**Condition:** *Appears good, where accessible - dash re-wired April, 2004*  
**Switchboard:** *Aft to starboard in cabin*  
**Fused:** *Individual*  
**Circuit Breakers:** *Yes*  
**Lightning Arrestors:** *Bonded*  
**Ground:** *Negative w/Dynaplate*

## TANKS

**Fuel:** *Gasoline*  
**No. Capacity:** *One approx. 190 gallons total reported*  
**Shape:** *Rectangular*  
**Materials:** *Aluminum*  
**Location:** *Between main engines*  
**Condition:** *Appears good-where accessible*  
**Secured:** *Yes*  
**Filling Lines & Vents:** *Pipe & hose connected to deck fill with vent fitting*  
**Bonded:** *Yes*  
**Would Overflow run Inboard or Outboard:** *Outboard*  
**Valves:** *Approved type*  
**Location:** *At tank*  
**Accessibility:** *Good*  
**Fuel Lines & Connections:** *Aeroquip hose/flare connected*  
**Additional Fuel or Inflammables Carried:** *None aboard*

**Water Tanks, No. Capacity:** *One approx. 31 gallons total*  
**Location:** *Below forward berth*  
**Material:** *Plastic*  
**Shape:** *Rectangular*  
**Condition:** *Appears good-where accessible, see remarks*

**Holding Tanks:** *Yes, one*  
**Location:** *Below aft berth*  
**Material:** *Plastic*  
**Shape:** *Rectangular*  
**Condition:** *Appears good-where accessible, see remarks*

## MACHINERY

Main Engine Location:	<i>Beneath cockpit bridge deck</i>
No./Type:	<i>Two gasoline</i>
Make:	<i>Crusader</i>
Model:	<i>454</i>
Serial:	<i>Port: 86495</i>
	<i>Starboard: 86493</i>
No. Of Cyls.:	<i>Eight each</i>
R.P.M.:	<i>4000 to 4400</i>
H.P.:	<i>Approx. 320 each</i>
Reduct. Gear:	<i>Borg Warner</i>
Approx. Speed:	<i>32 knots</i>
Year:	<i>Original</i>
When Overhauled:	<del><i>Not reported</i></del> <i>Major@1168 hrs 20 hrs new engines</i>
Total Time Indicated:	<del><i>553.6 hours</i></del>
Engine Bed:	<i>On cored fiberglass longitudinal stringers</i>
Pan Under Engine:	<i>Integral Fiberglass</i>
Engine Cooling System:	<i>Fresh water</i>
Ventilation:	<i>Adequate</i>
Carburetor/Flame Arrestor:	<i>Downdraft - Yes</i>
Drip Pan:	<i>Self siphoning</i>
Blower:	<i>Two-12 volt exhaust</i>
Fuel Pump:	<i>Mechanical</i>
Bowls:	<i>Metal</i>
Filters:	<i>Fram primary, Water Seperating secondary</i>
Exhaust Line:	<i>Cast risers w/hose connected to muffler &amp; thru hull</i>
Cooled:	<i>Raw water</i>
Exhaust Silencer:	<i>Fiberglass</i>
Engine Generator:	<i>12 volt alternator</i>
Controls:	<i>Morse cable</i>
Shaft Logs/Type:	<i>Bronze stern tube &amp; flex</i>
Bearings:	<i>Cutlass</i>
Stuffing Box:	<i>Strong dripless</i>
Propeller:	<i>Pair, 22 x 24, three blade Nibral cupped</i>
Spare:	<i>None</i>
Propeller Shafts:	<i>1 1/2" stainless steel</i>
Stub Shaft:	<i>None</i>
Struts:	<i>Single arm bronze each side</i>
Bearings:	<i>Rubber cutless</i>
Propeller Protection:	<i>None</i>
Rudder:	<i>Twin bronze</i>

<b>Floor Timbers:</b>	<i>Partitions &amp; bulkheads</i>
<b>Fastenings:</b>	<i>Reinforced fiberglass</i>
<b>Deck Beams:</b>	<i>Molded decks</i>
<b>Decks:</b>	<i>Molded fiberglass with coring</i>
<b>Condition:</b>	<i>Appears good</i>
<b>Keel:</b>	<i>Fiberglass</i>
<b>Centerboard:</b>	<i>None</i>
<b>Skeg:</b>	<i>None</i>
<b>Worm Shoe:</b>	<i>None</i>
<b>Super Structure:</b>	<i>Molded fiberglass with aluminum framed Marlin tower</i>
<b>Interior:</b>	<i>Carpeted sole</i>
	<i>Vinyl &amp; molded panels, partitions &amp; bulkheads</i>
	<i>Vinyl overhead</i>
	<i>Teak trim &amp; cabinet doors</i>
	<i>Molded &amp; mica counter</i>
<b>Bulkheads:</b>	<i>Three, partial</i>
<b>Bilge:</b>	<i>Needs flushing</i>
<b>Ventilation:</b>	<i>Adequate</i>

## SPARS & RIGGING

<b>Masts:</b>	<i>None</i>
<b>Booms:</b>	<i>Pair Rupp single spreader outriggers</i>
<b>Condition:</b>	<i>Appears good</i>

## FITTINGS & EQUIPMENT

<b>Deck Hardware:</b>	<i>Stainless steel, chrome on bronze, &amp; aluminum</i>
<b>Steering Gear:</b>	<i>Two stations, Hydraulic by Teleflex</i>
<b>Ground Tackle:</b>	<i>Hooker M1050 on pulpit roller w/chain lead &amp; nylon rode</i>
<b>Anchor Windlass:</b>	<i>12 volt DC Lewmar vertical</i>
<b>Deck Winches:</b>	<i>None</i>
<b>Canvas Covers:</b>	<i>Buggy top</i>
	<i>Rigid soft top over bridge deck w/full enclosure</i>
<b>Condition:</b>	<i>Normal wear</i>
<b>Small Boats:</b>	<i>None</i>
<b>Compass:</b>	<i>3" Ritchie Powerdamp</i>
<b>Clock:</b>	<i>None</i>
<b>Barometer:</b>	<i>None</i>
<b>Search Light:</b>	<i>None</i>
<b>Running Lights:</b>	<i>Electric</i>
<b>Anchor Light:</b>	<i>Electric</i>
<b>Air Conditioning:</b>	<i>Cruisair one unit, reverse cycle - replaced 2003 w/ 16 BTU unit</i>
<b>Bilge Pumps:</b>	<i>Two auto-manual &amp; one shower sump</i>
<b>Air Compressor:</b>	<i>None</i>

## SAFETY GEAR

**Portable Extinguishers:** *One 2 1/4 lb. dry chemical*  
**Date of Inspection:** *Not tagged*

**Built-In System:** *Fireboy 100MA Halon 1301*  
**Location:** *Below cockpit aft in engine compartment on centerline*  
**Date of Inspection:** *Not tagged*

**Auxiliary Fire Pump System:** *Fresh & salt water washdown*  
**Location:** *Outlets in cockpit*

**Horn:** *Single electric*  
**Bell:** *None found*  
**Life Jackets:** *Six adult type II*  
**Life Rings:** *None*  
**Signal Flares:** *Locate*  
**Current Dated:** *No*  
**EPIRB:** *None found*

## ELECTRONICS

**Radio Phone:** *Raytheon ray 90 VHF*  
~~*Standard Horizon VHF ICom VHF*~~

**Auto Pilot:** *Autohelm ST6000 (at both stations)*

**Radar:** *Raytheon ~~RAY 16 mile~~ Pathfinder (new 2003)*

**Global Positioning System (GPS):** ~~*None sighted*~~ *Simrad GPS plotter (new 2000)*

**Depth Finder:** *Raytheon V820 color fish finder*

**TV / VCR:** *None*

**Additional Electronics:** *Autohelm Naventer plotter*  
*Raytheon Raynav 575 Loran (1 GPS)*  
*Autohelm Tridata depth/speed/log w/repeater*  
*Guest Judson engine synchronizer*  
*Scentry 415 gas vapor detector*  
*Kenwood KRC-310 AM/FM/cassette stereo*

**Antennas:** *VHF, Loran, GPS & Radar*

## GALLEY

**Location:** *Port side of salon*

**Type Of Stove:** *Princess two burner electric*

**Stove Tank Location:** *None required*

**Stove Shut-Offs:** *At burners & main elec. circuit breaker panel*

**Stove Insulation:** *Self contained & mica counters*

**Stack:** *None*

**Ventilation:** *Adequate*

**Hot Water:** *110 volt AC 6 gallons*

**Refrigeration:** *Norcold DE-251E 110 Volt AC refrigerator-freezer combo w/icemaker(replaced 2003)*

**Ice Maker:** *None*