



Name: Lady Diane Make: Catalina 32 (1994)

Code: C-32

Documentation No.: 1022911

Use this information along with the Discrepancy Report and the Basic Course Syllabus

I. ENGINE: DO NOT EXCEED 2500 RPM

- Yanmar Diesel 3 Cylinder, located under companionway steps. Brace latter up with boat hook.
Blower switch: None.
- **Dip Stick:** Starboard of engine **Please DO NOT CHECK OIL**
- **Engine Hour Meter:** Engine control panel on helm. Digital meter below tachometer
- **Fuel Gauge:** Engine control panel on helm
- **Ignition:** Key on starboard side of control panel
- **Engine Kill Switch:** Electric push button on top of engine control panel
- **Glow Plug:** No Glow Plug. Yanmar engine.
- **Start Button:** On helm control panel
- **Throttle:** Helm (Starboard)
- **Shift:** Helm (Port) up to go forward, back to go into reverse
- **Starting:** Check shift lever is in neutral, throttle open slightly, turn key on (one click). Alarm buzzer and lights should come on. Push engine start button.
- **Prop Rotation:** Right (boat backs to the left when in reverse)

PUT IN REVERSE WHEN SAILING

II. ELECTRICAL:

- **Electrical Panel:** Above the navigation station table (Port)
- **Battery Switch:** On electrical panel (Port) **ALWAYS LEAVE ON "BOTH" POSITION WHEN CHARGING AND BOAT IS IN SLIP AND SHORE POWER ATTACHED.**
- **Batteries:** Four batteries located under the settee (Starboard).
- **AC Switches:** Located on the Electrical Panel above the navigation station table (Port)
- **AC Main Switch:** Located in the Stern Lazarette (Port) for 120V shore power
- **Inverter/Charger:** When on shore power it operates as a charger, when off shore power, it operated as an inverter to give AC power. The system is designed to switch according to the shore power status.
- **NEVER SWITCH BATTERY TO OR THROUGH OFF POSITION WITH THE ENGINE RUNNING.**

UNPLUG DE-HUMIDIFIER TO SAVE BATTERY POWER
PLUG DE-HUMIDIFEIR BACK IN WHEN DONE WITH BOAT

III. SAILS:

- **Head Sail:** Jib 110% mounted on roller furling
- **Main Sail:** Main halyard and main sheet lead aft to the companion way (Starboard)

IV. TANKAGE

- **Water:** 52 Gallons total water in two tanks
- **Tank location:** V-berth & port Settee. -- Refer to deck layout for fill locations.
Each tank has a shutoff valve located at the tank discharge connection.
- **FUEL:** 20 Gallons in 1 tank
- **Tank location:** Starboard/Stern under white ply-board -- Refer to desk layout for fill locations

- **Waste:** 20 Gallons in 1 tank -- pump-out and macerator
- **Tank location:** Settee - aft section (black tank, Starboard)

- **INSTRUCTIONS TO EMPTY HOLDING TANK WHILE AT SEA:**
MACERATOR USAGE REQUIRES YOU TO BE 3 MILES OUT TO SEA

Steps to use:

1. Remove all cushions on starboard settee area
2. Lift off board closest to head
3. Locate, read, and understand the proper overboard valve
4. Turn on macerator power at chart table
5. Open value to discharge
6. Push silver, labeled macerator switch
Unit should wind at medium pitch until done, and then go to a high pitch.
Do not run motor continuously for more than 30 seconds.
7. Close value to discharge
8. Turn off macerator power at chart table

V. AUTOPILOT:

- **Autohelm Control Panel:**
 - Located in the cockpit helm Navpod.
- **To Use:**
 - **In Main Cabin:** Turn "AUTOPILOT switch to "on" position at the control panel (Port)
 - **In Cockpit:** Push 'STANDBY' at Autohelm control panel.
 - **At Helm:** Engage wheel latch and push 'AUTO' to engage, to disengage push 'STANDBY', then release wheel latch. If it beeps -- switch to standby and then auto again.
 - **Minor Course Corrections:** Press +/- 1 degree or +/- 10 degree button.

VI. Navigation:

- **GPS/Chart Plotter:** Located at the helm.
- **Push light bulb symbol to turn on, allow time to sync (approx. 30 secs), use "Page" to page thru various displays. See separate equipment manual in Navigation Station for more information.**

VII. OUTLETS

- **Galley Sink:** Outlet through hull located in bottom cabinet under sink
- **Head Sink:** Outlet through hull located in aft cabin, bottom hatch against Head wall

VIII. WINDLASS (INACTIVE)

- **To activate:** Push circuit breaker button in at control panel in main cabin
THE ANCHOR HAS A SAFELY TEATHER -- REMOVE IT FIRST
- **To deactivate:** Pull button out (pulls out very hard)

VIV. LIGHTS

- **Cockpit:** Flood light switch located on electrical panel labeled "Deck Light"
- **Interior:** Switches located at control panel in cabin