

OPEN-UP & DEPARTURE*

1. **Unlock lifeline gate and cabin**
2. **Stow padlock in aft cabin shelf, companion way doors stowed in cockpit locker**
3. **Stow gear and supplies**
4. **Open portholes (8) & hatches (3) as needed**
5. **Battery selector to #2 (deep-cycle) and power up water pressure, radio and lights (if needed)**
6. **Check water tank level, flush through faucets & refill if older than a few days**
7. **Compass & Danaplug covers off, stowed in aft cabin shelf**
8. **Install Autohelm (if desired), electrical cap stowed in aft cabin shelf**
9. **Install Ring Buoy (starboard) & Horseshoe Buoy (port)**
10. **Install Lifesling on port stern rail leading white leader line outside of pushpit and belayed to port stern cleat**
11. **Install flag pole**
12. **Check fuel level and refill if needed**
13. **Perform engine checks (mechanical, electrical, oil, fuel, air and water)**
14. **Check holding tank and head, pump out if needed**
15. **Pump out bilge if needed**
16. **Check bow and bow locker for anchor(s), rode and anchor buoy**
17. **Bring boat hook (from rope locker) on deck if needed**
18. **Secure rope locker and head doors**
19. **Check radio operation & weather, prepare sailplan**
20. **Start engine and warm for 5-10 minutes before departure**
 - 20.1. *Instruments & electronics off*
 - 20.2. *Battery selector to #1 for diesel starting*
 - 20.3. *Throttle push button in and advanced to 75%*
 - 20.4. *T-bar handle out & in to set governor if cold*
 - 20.5. *Start engine and warm at 1500-2000 RPM*
 - 20.6. *Check for water discharge out port stern exhaust*
 - 20.7. *Complete engine checks (look, listen, feel and smell)*
 - 20.8. *Battery selector to #2*
 - 20.9. *Power-up instruments, radio, loran, autopilot, etc. as needed*
21. **After warm-up, cast off and slip mooring.**
22. **Secure lifelines**
23. **Remove and sea-coil all dock lines and stow on top of engine cover.**
24. **Remove and stow fenders in cockpit locker.**

PREPARE TO SAIL

1. Dock-lines and fenders stowed, lifelines secure
2. Close forward (V-berth) hatch
3. Close portholes if rain or spray expected
4. Close main cabin hatch or leave slightly ajar
5. Winch handles into pockets
6. Boom cover off, folded and stowed below
7. Main halyard attached to head of mainsail and Spinlock line-stopper locked
8. Ease boom vang, line dropped into cabin
9. Ease main sheet, line-stopper locked, line dropped into cabin
10. Reef line #1 (Blue) and Reef line #2 (White) with 5+ feet of slack at end of boom, line-stoppers open, lines dropped into cabin
11. Traveler centered, lines dropped into cabin
12. Head to wind
13. Ease topping lift, lower boom about 8-12"
14. Raise main watching for binding or interference with reef lines, lazy jacks, main sheet or boom vang
15. Harden main halyard (with winch) to desired tension, line-stopper locked, free halyard from winch and drop into cabin
16. Bear away onto close-hauled or close reach point of sail (starboard tack preferred for right of way purposes)
17. Take up slack in both reefing lines and topping lift
18. Adjust boom vang and main sheet to trim mainsail
19. Release furling line (keeping modest tension for good winding) and windward jib sheet
20. Unfurl Genoa with jib sheet. Only Genoa #1 can be reefed! Someone may need to go forward to ensure sail is completely unfurled and head foil is properly aligned
21. Trim sails, cleat furling line in cam cleat
22. Throttle in neutral then engine off (with T-bar out, then ignition off).
23. Move throttle/gear shift into reverse to lock folding propeller and keep it from free-wheeling.
24. Reset Log, Average Speed and Average Wind Speed (select each, hold reset button for count of three)

LEAVING BOAT UNATTENDED

1. If docked, fenders on both sides, tied (clove hitch with several half hitches) at middle stanchions
2. Bow lines and/or stern pennants to mooring buoy(s)
3. If docked, bow & stern breast line, fore & aft spring lines
4. Horseshoe & ring buoys, flag pole, Lifesling stowed in V-berth
5. Force 10 BBQ hose stowed in helm seat locker
6. Propane tank off (under helm seat)
7. Autohelm stowed on special bracket, port aft cabin bulkhead, cap installed
8. Compass and Danaplug covers on
9. Helm locked (with Autohelm clutch) with rudder amidships
10. Pump bilge if needed
11. Rubber snake onto helm seat (to scare away the birds)
12. Jib sheets on winches with modest tension
13. Main halyard attached to starboard toe rail with modest tension
14. Other halyards & lines secure (Flemish if possible)
15. Check for possible flapping halyards and secure
16. Gear & supplies packed and removed
17. Hatches (3) and portholes (8) closed and secure
18. Head lever set to "pump dry"
19. Ice box open, pumped dry ("Lake" pump with "Y" valve set to "ice box") and clean... leave cans in basket
20. Open rope locker door then head door and loosely secure open with bungee cord from rope locker to door handle
21. Leave galley & other lockers ajar or vented if possible
22. Leave bilge access hatch open to vent bilge
23. All switches to "Off". Battery selector to "Off"
24. Do not leave shore power energized
25. Take garbage and food that may spoil off the boat
26. Install companionway doors and padlock (change the combination setting to get the padlock to lock)
27. Secure lifeline gates

PROPANE STOVE, OVEN and BBQ OPERATION

- 1. Open propane tank valve (under helm seat). Fluid level can be checked by pouring hot water down one side of the tank and feeling where the temperature changes.**
- 2. BBQ hose connected if needed**
- 3. LPG solenoid switch on**
- 4. Electrostatic lighter near one stove burner**
- 5. Push in and hold the knob while you light the burner. Note that the two stove burner knobs are on the left and the oven knob is on the right**
- 6. Continue holding for 10-20 seconds until hot (a thermocouple will shut off the propane if it does not sense enough heat)**
- 7. Adjust flame. Propane is very hot.**
- 8. Stove/oven is gimbaled with a sliding barrel bolt lock on the right side**
- 9. Adjust pot holder fingers by loosening the knob first then tightening when properly positioned around pot**
- 10. Same procedure for oven which can run very hot. Burner is located at bottom center of the oven, below the aluminum plate. About 1/3 setting will maintain 300-350° F**
- 11. To temporarily turn off a burner, just turn the knob to “Off”**
- 12. To turn off all burners and oven at the end of a cooking session, turn off all but one burner, then turn off propane at the tank to bleed the gas from the line. Then turn off LPG Solenoid switch and burner.**
- 13. Disconnect BBQ hose when not in use and stow in helm seat locker.**

[Note: These procedures were prepared for CS30 Wind Song (1987 S/N 4669) and the specific equipment on board, which may vary from other CS30's.]