ZEPHYR check list

Please read first and follow write-up.

START THE ENGINE

1. **Open sea water valve for Engine cooling, if closed.**
2. **Check oil level on dipstick, should be close to full mark**.
3. Turn battery switch to **"1"**.
4. **Do not turn battery switch while engine is running.**
5. Open hatches for ventilation and turn on blower.
6. Transmission lever in neutral, throttle at 1/3 position.
7. Turn key to the right to turn on the fuel pump – makes humming sound.
8. Turn key all the way to the right, hold for **30-60 seconds** for glow plug.
9. Press "Start" button for no longer than **10 sec**.; if necessary, pause 10 sec. and repeat.
10. Release start button and key.
11. Check oil light; it should go out. Ammeter should indicate charge.
12. Check at transom if cooling water is coming out of exhaust pipe.
13. If oil pressure light does not go out or no water comes out **Stop Engine**.
14. Turn off blower.
15. Run engine for 5 to 10 minutes in idle to make sure system remains normal.
16. Operating temperature is 165° F to 190° F.
17. **Reduce idle, pause in neutral for propeller to slow down before shifting.**
18. Boat still secured, shift transmission forward, neutral and reverse.
19. Do not run engine higher then **2400 RPM**. Good cruising speed **~5.2 Knots**.
20. **Turn off engine, put transmission in neutral or reverse and gas in idle while sailing.**

STOPPING THE ENGINE

1. Shift Throttle in idle, reduce gas. (right handle)
2. Transmission in neutral. (left handle)
3. Let engine idle for ~2 minutes to cool down.
4. Pull **"T"** handle listen for beep sound.
5. Turn off key, to the left.
6. Push **"T"** handle back.

SHORE POWER

1. At this time we DO NOT use shore power. Do not plug in power cable.

CLOSING THE BOAT

1. Turn off all power switch accessories.
2. Do turn the main battery switch to **"OFF".**
3. Clean and tighten up the boat.
4. Sign log book.
5. Close all hatches and lock the boat.

Things to know

1. Look at the boat how does it look?
   a. Tied up to the dock.
   b. Rigging, jib, halyards, sheets, fenders in place.
   c. Is it clean in and outside? (i.e., empty bottles)
   d. Check head for cleanliness.
   e. Use head only if necessary.

2. Do not smoke on the boat.
3. Do not stand on the forward hatch.
4. Do not hop on or off the boat.
5. Do not use stove.
6. Do not over steer, if you go in reverse, ¼ turn is enough.
7. Do untie bow lines from the cleat on the dock and not on the boat, stow lines in forward hatch with anchor.
8. If you lose the sail ties, they sell them at West Marine (Sail Gaskets).
9. Position of sea water valve

Valve closed Valve open

10. Never open Thru-hull discharge valve. Starboard side under V-berth.
11. Never turn on Macerator pump.
12. If holding tank is full go to pump out station at the Marina.
13. If you fill up water for water tank, make sure you use water fill on port side.
14. If you need Diesel fuel follow procedure. The Diesel fill cap is on the starboard side.
15. Info is in drawer under the stove with the keys. Please keep manual below deck.
16. Please use fenders and spring lines as discussed.
17. Use bow spring line as you come in. Put loop around cleat at end of dock and you will have your hands free to bring the stern in safely without running it into the dock.
18. Prop walk pulls stern to port in reverse.
19. Check battery water level, see check-off sheet.
20. Please read, understand and follow the write up.
21. Please keep your eyes open for other boat traffic. Go slow inside Marina.
22. I almost forgot, it is a sailboat, so do have fun.