



Commissioning Checklist

Hull

- Check hull for blisters, damage
- Paint bottom as required
- Check rudder
- Check anodes/zincs

Engine at Rest

- Replace fuel filters
- Inspect fuel lines
- Replace oil filter
- Check oil level
- Check transmission-oil level.
- Check coolant level.
- Inspect all belts
- Adjust belt tension on all belt-driven equipment.
- Verify integrity of the wire on the shaft setscrew.
- Tighten all hose clamps.
- Inspect all hoses for chafe or bulging.
- Snug up all bolts on engine and accessories.
- Exercise and open fuel-tank petcocks.
- Inspect engine and exhaust anodes.
- Inspect shaft nodes.
- Clean and lubricate articulating props.



GREAT LAKES SAILING

Engine Running

- Inspect impellers**
- Clean raw-water strainer.**
- Exercise, lubricate, and open the inlet seacock.**
- Monitor oil pressure.**
- Exercise and lubricate throttle controls.**
- Test transmission shifting.**
- Look for oil leaks.**
- Look for raw-water and coolant leaks.**
- Look for fuel leaks around hoses and filters.**
- Ensure that exhaust water flows.**
- Verify temperature after running for 15 minutes.**
- Check alternator output (13.5 volts).**
- Monitor tachometer for regularity.**
- Exercise the shaft-brake release.**
- Monitor the packing-gland drip rate (3 to 5 drops per minute)**

Electrical Systems

- Monitor battery voltage with engine/charger off (12.6 volts)**
- Inspect battery electrode and top up as needed**
- Clean & tighten battery terminals**
- Exercise breakers and main switches.**
- Test lights, and clean contacts or replace bulbs as needed.**

Lights

- Side**
- Stern**
- Steaming**



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- Anchor**
- Strobe**
- Spreader**
- Cabin**
- Compass**

Systems

- Run heater; monitor performance**
- Run air conditioner; monitor performance**
- Run watermaker; replace filters as needed; check for leaks.**
- Run refrigerator; clean radiators; monitor performance.**
- Lubricate and adjust steering.**
- Monitor solar- and wind-power generators.**
- Check propane locker and all propane lines for leakage**
- Check water lines for leakage**

Sailing and Rigging

- Operate all sail furlers.**
- Check integrity of mast boot.**
- Inspect turnbuckles and toggles for hairline cracks and rust.**
- Check all cotter pins and rings.**
- Operate winches; grease as needed.**
- Check all running rigging for chafe.**
- Check all lines for proper whipping.**
- Sails; Inspect seams, corners, battens, and pockets.**
- Check all masthead hardware.**



GREAT LAKES SAILING

Various

- Clean and grease porthole gaskets.**
- Touch up/paint bare wood.**
- Ensure docking lines and fenders are onboard.**
- Ensure all tools are onboard.**
- List all spare bulbs, fuses, hoses, clamps and tapes.**

Safety

- Check onboard safety gear.**
- Inspect life jackets**
- Verify expiration dates of flares**
- Verify expiration dates of fire extinguishers.**
- Verify expiration dates on first-aid kit.**
- Inspect seizing wires of anchor shackles.**
- Operate windlass; monitor performance.**
- Inspect lifelines for integrity.**
- Pressure-test propane appliances**
- Inspect cockpit drains for blockage**

Electronics

- Ensure VHF is operating**
- Ensure other electronic equipment is operating**
- Clean and grease VHF coax.**
- Monitor VHF transmission power.**
- Clean and grease depth-sounder and log/speedometer transducer O-rings**
- Tighten all instrument connections.**



GREAT LAKES SAILING

Plumbing

- Test electric bilge pump.**
- Clean bilge strainer as needed.**
- Test float switch with water in the bilge.**
- Empty the bilge with the manual bilge pump.**
- Exercise and lubricate head pumps and Y-valves.**
- Run and test freshwater pumps.**
- Exercise and lubricate all seacocks.**
- Ensure plugs present for each through-hull/seacock**
- Flush antifreeze from freshwater hoses and pumps.**
- Remove and clean all anti-siphon valves in engine head.**
- Check head**

Legal

- Ownership documents (or copies) on board**
- Check insurance policy – copy on board**
- Documents for border crossings**
- Health insurance documents**
- Log Book present**
- Charts present**