

PRE-LAUNCH CHECKLIST

Engine Maintenance

Refer to your engine operator's manual for details.

OUTBOARD ENGINE

- Clean, re-gap or replace spark plugs
- Inspect and test ignition components
- Replace in-line fuel filters
- Momentarily pressurize fuel system and inspect
- Inspect carburetor and primer system.
- Remove propeller and check condition
- Clean and lubricate the propeller shaft
- Drain and refill gear case oil
- Check lubricant level in power trim / tilt reservoir
- Lubricate all components of engine
- Inspect the entire boat steering system
- Follow steering system equipment manufacturer's maintenance and lubrication recommendations
- Clean and inspect oil reservoir and pickup filter on models with oil injection
- Check engine carefully, make sure screws & nuts are tight, replace any damaged or worn parts
- Apply proper primer then apply touch up paint
- Apply a coat of protective wax to engine cover
- Remove carbon deposits from combustion chambers
- Inspect Shear Pins and Propeller
- Inspect all engine gauges
- Degrease engine if necessary
- Inspect Steering and Throttle linkages

INBOARD ENGINES

- Change engine oil.
- Check generator oil level
- Replace oil filter
- Replace fuel Filters
- Check / Replace transmission fluid level
- Clean crankcase ventilation system
- Clean transmission oil strainer screen
- Check cooling system hoses & connections
- Tighten engine mount fasteners
- Check for loose, damaged or missing parts
- Check water pick-up and water impellers
- Check accessory drive belts
- Change antifreeze
- Clean air Filters, replace if necessary
- Check zinc 's in heat exchanger
- Check seawater strainers & seacocks.
- Remove, Clean, Inspect, and properly gap spark
- Remove any rust , repaint if necessary plugs
- Check / replace spark plug wires
- Adjust the carburetor if not fuel injected
- Drain diesel water traps in oil and fuel lines
- Bleed diesel fuel systems following filter changes
- Add fuel additives
- Remove rust and apply touch up paint
- Replace engine oil absorb pad if needed

Battery Maintenance

- Fully charge batteries before installing
- Check and top off fluid levels on every cell
- Coat terminals with silicone grease or anti-corrosive product
- Check battery condition with a hydrometer
- Remove the cable terminals & clean (replace if necessary)
- Batteries secured to deck or bulkhead.

Equipment

- Distress Signals - Check number, type & expiration date
- "Marine" First Aid kit
- Fenders - proper size
- Polarized sunglasses
- Proper number, size & type of life jackets
- Fire Extinguisher(s) - mounted & fully charged
- Tool kit
- Lines - proper size & type
- Sun block, hat & rain gear
- Chart - Paper & Electronic



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Checklist Courtesy of

Central Florida Sail & Power Squadron
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Pre-Launch/Launching

- Remember Boat Ramp Protocol/Courtesy
- Fuel valve "On" or pump fuel line until firm
- Check fuel pump sight tube - (no gas)
- Bilge blower - run for 3 minutes
- Supplies on board and properly secured
- Dock Lines Attached to Boat Cleats
- Safety Chain/Winch Cable Secured to Bow Eye
- Trailer Lights Disconnected
- Plugs Installed in Scuppers
- Once in water, chock tow vehicle wheels
- Float/winch boat off trailer
- Move tow vehicle to parking area
- Battery switch turned to "Both" or "On"
- Check engine oil levels
- Check bilges - smell for gas fumes
- Check engine belt tension (<math>< \frac{1}{4}</math>" flex) & condition
- Prepare boat before backing down to ramp
- Fenders Deployed
- Remove boat tie down straps
- Check Fuel Level
- Expedite launch sequence (don't dawdle)
- Disconnect winch cable/safety chain from bow eye
- Relocate boat from ramp. Tie to dock or shoreline
- Check marine weather outlook (internet, TV or VHF Radio)

Starting Engine

- Transmission - neutral
- Start Engine
- Check Oil Pressure (35-65psi)
- Check Water Temperature (140-170°F)
- Electronics on and set
- Boat cut-off switch connected
- Warm Up (1,200 rpm)
- Check Voltmeter (13.5volts)
- Throttle to Idle
- Check marine weather forecast (VHF Channel 1-9)

Leaving the Boat Ramp - Cruising

- Review safety protocols with passengers & crew
- Store fenders & dock lines
- Don life jackets (Required by law for children)
- Monitor VHF marine radio channel 9 & 16

Approaching Boat Ramp to Load Boat on Trailer

- Prepare dock lines attach to cleats
- Decks Cleared
- Remember Ramp Protocol/Courtesy
- Deploy fenders
- Instruct passengers & crew
- Drop off runner for vehicle & trailer or cue up to dock

Loading Boat on Trailer

- Remember Boat Ramp Protocol/Courtesy
- Offload Passengers & Crew
- Load Boat on Trailer
- Drive trailer to staging area of ramp (don't dawdle)
- Fuel Valve "Off"
- Trailer lights connected & checked
- Prepare boat retrieval - properly secured loose items
- Once in water, chock tow vehicle wheels
- Safety Chain/Winch Cable Secured to Bow Eye
- Battery selector switch turned to "Off"
- Install boat tie down straps
- Unplug Scuppers

Classes for 2016-17

State of Florida Boating Course	May 23	Seamanship Course	July 11
Boating for Couples	July 30	GPS/Radar Navigation Seminar	August 27
Piloting Course	August 29	State of Florida Boating Course	September 19
Advanced Piloting Course	January 9		

For More Information on These Classes Call 407-831-9547