

CCYC Volunteer RC Vessel

22 Ft Whaler with 2-Stroke, 150 HP Mercury EFI

Operating Instructions

If these Operating Instructions are not followed, it will result in loss of privileges by your fleet to use the vessel and incur personal liability for you as the operator of the vessel.

It is your responsibility to contact your Fleet captain, Race Chair or Rear Commodore if you do not understand these instructions.

General:

- **Safety First** – at all times:
 - Wear **PDF** while on vessel
 - **Lanyard Stop Switch** must be used
 - Be cognizant of boating conditions and traffic
 - Do not operate under the influence
 - Operate the vessel in a controlled manner
- Complete all entries in log book
- Follow start-up, operating and shut-down procedures



Per-start Check List:

- Oil Supply OK
Reservoir on starboard side of Drivers Seat – note addition of oil in book
- Fuel Level OK
- Arrange passengers and load to balance boat
- A floatation device for each passenger & readily accessible
- Operator knows safe navigation, boating and operating procedures

Start-up Procedures:

- Check propeller blades for damage
- Turn battery switch to “1” (Starting Battery)
- Lower engine to approximately vertical position
- Squeeze primer bulb less than 2 to 3 times – until firm
- Set the Lanyard Stop Switch to “run”
- Shift throttle lever to “neutral”
- Turn ignition key to “start”. If engine fails to start in 10 seconds, wait 30 second and try again
 - DO NOT use the throttle only feature for starting. EFI engine will automatically advance choke and idle speed for cold starting.
- Check water pump discharge indicator – STOP engine if no discharge.

RC Operations:

- DO NOT excessively idle the engine
- Run the engine at all RPMs, with 3500 RPMs as the target
- Always shift into gear with a quick, firm motion.
- Pause between forward and reverse to allow engine to return to idle
- Never shift into gear without the engine at idle RPM
- Never put the throttle in reverse without the engine running
- Use “Battery 2” (deep cycle) for inflation of marks, etc

Shut-down procedure:

- Throttle lever in neutral
- Ignition & Lanyard Stop switches off
- Bumpers, dock lines & spring lines to secure boat
- Raise engine to the full up-right position
- Bilge switches in “automatic” position
- Battery Selector Switch to “OFF” position
- Remove all RC and personal items, including food & drinks
- Lock all compartments – glove box & console
- Log Book Entries completed – Keys and book returned.