**OTHER MAINTENANCE**

**Engine:**

* Oil-30 weight CC (not CD) (15/40 if not available)
* Every 100 hours of running time
* Transmission oil same – do not push dip stick down when measuring
* Yanmar oil filter only because of flapper valve and bypass. Fill filter ½ with oil and oil O-ring. Hand tighten ½ to 2/3 turn.
* Idle @ 1,200 rpm minimum
* Antifreeze: 50/50 every 3 years + ½ pint of conditioner.

**Camber Spar:**

* 40 – 45% back off from luff end.

**Winter Lay-up**

* **FWS** – Drain by evacuating water through pumping. First run engine to run through heating system. Use electric pump and open a faucet until water stops running. Check that the tank is empty through the strainer. Put 3 to 3.5 gallons of pink antifreeze in the tank and let the pump do the work. First, do hand pump in galley, then hot water faucets in turn and finally, cold.
* **HEAD**- Flush through discharge, then flip holding tank valve and pump into it. (1 to 1.5 gallons.)
* **ENGINE** – Change engine and transmission oil. (4 quarts & 1 quart total). Oil filter. Check strainer. Run green engine antifreeze through intake hose from seacock until green fluid is seen running out the exhaust. Tape air intake and exhaust port. Spray entire engine with WD-40.
* **BILGE** – pour in some green antifreeze.