



SOLAR CUP CHECK LIST

Trailer

- freeway safe

Hull Finish work:

- Cut, Fill, Sand and Seal

Mechanical: Drive Train, Transmission and Steering:

- Drive shaft
- Strut
- Shaft Log & Seal
- Thrust (or flange) bearing
- Motor mount
- Motor and Drive shaft sprockets, Idler sprocket, Chain
- Rudder, tube, brace and turning arm
- Propeller
- Steering handle or wheel
- Push-Pull Cable
- Fasteners

Electrical System:

- Motor
- Batteries
- Motor Controller
- Master Switch
- Throttle
- Kill Switch
- Contactor
- Diodes and Fuses
- Shunt Resistor
- DC Volt/Ammeter
- Hi Amp cables
- Low amp wire
- Wire connectors
- Solar Panels
- Solar Charge Controller

Safety:

- Automatic Bilge pump
- Life vest
- Horn
- Flag
- Walkie-Talkie
- Bow line
- Wire shields
- Transmission shield
- Battery boxes and straps
- Floatation
- Fire Extinguisher

Technical forms:

- Floatation calculations
- MSDS Battery info