

**Der PeLiKan**  
**DEPARTURE CHECKLIST (Version G)**

**Upon Coming Aboard**

- \_\_\_\_\_ Lie of boat in water, Docking lines, Fenders in place.
- \_\_\_\_\_ Tension/Condition of standing rigging is proper.
- \_\_\_\_\_ Anchors secured properly and tied to pad eyes.
- \_\_\_\_\_ UNLOCK CABIN AND STOW DOORS UNDER STAIRS.
- \_\_\_\_\_ Turn off AC circuit breaker at Nav Station.
- \_\_\_\_\_ Turn off shore power, **disconnect shore end first**, and stow cable in the port locker opposite forward head.
- \_\_\_\_\_ Stow lock in navigation table.
- \_\_\_\_\_ Open hatches and ports as appropriate.
- \_\_\_\_\_ Remove pedestal cover and remove hard covers on depth/speed meter and wind indicator.
- \_\_\_\_\_ READ MAINTENANCE/OPERATIONS LOGS.

**INTERIOR CHECKS**

Forward Head

- \_\_\_\_\_ Open sink discharge seacock inside cabinet.
- \_\_\_\_\_ Open head intake GATE VALVE outlet (yellow handle way back behind sump pump) for use with holding tank under floor board outside head door.

Salon/Galley

- \_\_\_\_\_ Count (should be 8 large & 4 extra-large) PFDs in V Berth port locker.
- \_\_\_\_\_ Dip Fuel- red handled stick in locker by engine room door-estimate amount and log \_\_\_\_\_.
- \_\_\_\_\_ Dip water tanks, one under galley sole, one forward of main mast- blue handled water stick hanging in wet locker-estimate amount and log Main\_\_\_\_\_ Aux\_\_\_\_\_.
- \_\_\_\_\_ Open sink outlet under galley sole.
- \_\_\_\_\_ Check freezer/refrigerator and seat lids.

Aft Head

- \_\_\_\_\_ Open sink discharge seacock inside cabinet.
- \_\_\_\_\_ Open head intake, also note packing gland, see underway checklist.

Aft Cabin Check

- \_\_\_\_\_ Hydraulic pressure (under center of bunk) 30 PSI, if not pump it up with flat knob on top of hydraulic fluid reservoir.

**BATTERIES (Engine room Stbd. Side Fwd, marked 1 and 2)**

- \_\_\_\_\_ Check battery cable connection for cleanliness and security.
- \_\_\_\_\_ Turn Perko on. (Located by engine room door). Use #1 or #2 depending on day of month (odd or even). Change to opposite battery after charging battery at the end of the day.
  - **Do not set PERKO on ALL! Turn PERKO off when leaving**
  - **IMPORTANT: Do not turn battery switch to off when engine is running.**

## ENGINE CHECK

\_\_\_\_ Radiator water level checked (Green cap on engine). Water should be within 1 inch of top.  
\_\_\_\_ Do not fill to top. Leave room for expansion. 50/50 coolant mix on shelf-starboard side.  
\_\_\_\_ Oil level checked (Dipstick on starboard side center). Fill is black cap on top of engine.  
\_\_\_\_ Put only 15-30 weight diesel oil (prefer Rotella) in the engine. Do not overfill.  
\_\_\_\_ Transmission reservoir cover & dip stick (also fill point) is low on your port side, a flat cap  
\_\_\_\_ unscrews with fingers. Check level and replace cap. ATF on shelf-starboard side.  
\_\_\_\_ Check all belts Fwd of engine. There should only be about ½ inch play.  
\_\_\_\_ **Engine raw water intake OPEN** which is under the hatch by engine room door. Engine  
\_\_\_\_ failure may occur if left closed for more than a few minutes.  
\_\_\_\_ Place key in ignition switch in cockpit engine panel-starboard side. Do not turn on.  
\_\_\_\_ Report to skipper that all pre-start checks have been completed.

## ENGINE START

\_\_\_\_ Run blower 5 minutes (Switch is on helm pedestal).  
\_\_\_\_ RUN/STOP lever pushed down (port side of pedestal).  
\_\_\_\_ Ensure transmission clutch is disengaged (red button on throttle push in).  
\_\_\_\_ Turn key to position I. Set throttle ahead ½.  
\_\_\_\_ Log engine hours from tachometer (do not use last log entry) Engine hours: \_\_\_\_\_.  
\_\_\_\_ If engine has not run for several weeks, press fuel primer lever (black knob) several times.  
\_\_\_\_ Turn key to position II. Hold key in this position for 15 seconds (Glow plug activation).  
\_\_\_\_ Turn key to position III to start. Do not crank for more than 30 seconds. Try 3 times. If  
\_\_\_\_ no start, go through procedures again.  
\_\_\_\_ As soon as engine starts, return throttle to approximately 1000 to 1200RPM for smooth  
\_\_\_\_ idle. Engine should not idle for extended periods.  
\_\_\_\_ **CHECK: Water coming from exhaust** on stern and gauges (Oil pressure, voltage).  
\_\_\_\_ After 10-15 minutes, check water temperature (normal @ 180 to 190 degrees).

## PRE-UNDERWAY CHECKS

\_\_\_\_ Bow Thruster battery switch on (V Berth). Power switches on at pedestal.  
\_\_\_\_ Steering pedestal. Instruments on (depth & speed meter). Lights for night operations.  
\_\_\_\_ Take command mike from Nav station and install on cockpit pedestal-port side.  
\_\_\_\_ Set switches on electrical panel: Cabin lights, water pressure, instruments, etc.  
\_\_\_\_ Turn radio on. Adjust squelch and volume controls. Check WX and set to channel 16.  
\_\_\_\_ Winch handles placed in holders. One by pedestal, and one by main hatch.  
\_\_\_\_ Place horn and Type IV cushion in cockpit, Place boathook on deck.  
\_\_\_\_ MOB Sling and horseshoe buoy are mounted on stern with fenders out.  
\_\_\_\_ Check and center helm (there are six (6) wheel turns, lock to lock).  
\_\_\_\_ Check that all crewmembers topside have PFD.

## MISCELLANEOUS

\_\_\_\_ All personal gear securely stowed.  
\_\_\_\_ Finish Log entries (**Log all discrepancies found**).

## CREW BRIEFING BY SKIPPER

**Boatswain's Signature and Date** \_\_\_\_\_

**Skipper's Signature and Date** \_\_\_\_\_

**DAILY CHECKS: To be used on multi-day trips**

**ENGINE CHECK**

- \_\_\_\_\_ **Engine raw water intake OPEN** which is under the hatch by engine room door. Engine failure may occur if left closed for more than a few minutes.
- \_\_\_\_\_ Radiator water level checked (water should be within 1 inch of top) Do not fill to top. Leave room for expansion. 50/50 Coolant mix on shelf-starboard side.
- \_\_\_\_\_ Oil level checked (Dipstick on port Side center). Fill is black cap on top of engine. Put only 15-30 weight diesel oil (prefer Rotella oil) in the engine.
- \_\_\_\_\_ Check Bilge in engine room for water. Pump using aft (lower) bilge pump if necessary.
- \_\_\_\_\_ Check all belts Fwd of engine. There should only be about ½ inch play in belt.
- \_\_\_\_\_ Place key in ignition switch in cockpit engine panel-starboard side. Do not turn on.
- \_\_\_\_\_ Report to skipper that all pre-start checks have been completed.

**ENGINE START**

- \_\_\_\_\_ Run blower 5 minutes (Switch is on helm pedestal).
- \_\_\_\_\_ RUN/STOP lever pushed down (port side of pedestal).
- \_\_\_\_\_ Ensure transmission clutch is disengaged (red button on throttle push in).
- \_\_\_\_\_ Turn key to position I. Set throttle ahead ½.
- \_\_\_\_\_ Log engine hours indicated on tachometer (do not use last log entry). Engine hours: \_\_\_\_\_
- \_\_\_\_\_ Turn key to position II. Hold the key in this position for 15 seconds (Glow plug)
- \_\_\_\_\_ Turn key to position III to start. Do not crank for more than 30 seconds. Try 3 times. If no start, go through procedures again.
- \_\_\_\_\_ As soon as engine starts, return throttle to approximately 1000 to 1200RPM for smooth idle. Engine should not idle for extended periods.
- \_\_\_\_\_ **CHECK: Water coming from exhaust on stern** and gauges—Oil pressure, voltage.
- \_\_\_\_\_ After 10-15 minutes, check water temperature (normal @ 180 to 190 degrees).

**PRE-UNDERWAY CHECKS**

- \_\_\_\_\_ Dip Fuel- red handled stick in wet locker by engine room door-estimate amount \_\_\_\_\_.
- \_\_\_\_\_ Dip water tanks, one under galley sole, one forward of main mast- blue handled water stick hanging in wet locker-estimate amount Main \_\_\_\_\_ Aux \_\_\_\_\_.
- \_\_\_\_\_ Bow Thruster battery switch on (V Berth). Bow thruster power switches on at pedestal.
- \_\_\_\_\_ Set switches on steering pedestal. Instruments on, lights on, if operating at night.
- \_\_\_\_\_ Set power switches by nav station: radio, cabin lights, water pressure, instruments, etc.
- \_\_\_\_\_ Turn radio on. Adjust squelch and volume controls. Check WX and set to channel 16.
- \_\_\_\_\_ Winch handles placed in holders. One by pedestal, and one by main hatch.
- \_\_\_\_\_ Place horn and Type IV cushion in cockpit, Place boathook on deck.
- \_\_\_\_\_ MOB Sling mounted, and/or horseshoe buoy in place, and fenders out (aft port Lazerette)
- \_\_\_\_\_ Check that all crewmembers topside have PFDs.
- \_\_\_\_\_ Check and center helm (there are six (6) wheel turns)

**MISCELLANEOUS**

- \_\_\_\_\_ All personal gear stowed securely.
- \_\_\_\_\_ Finish Log entries (Log all discrepancies found).
- \_\_\_\_\_ Sign Departure Checklist and report completion to the boat Captain.

**DEPARTURE CREW BRIEFING BY SKIPPER**

**Boatswain's Signature and Date** \_\_\_\_\_

**Skipper's Signature and Date** \_\_\_\_\_

# SECURE CHECKLIST

## HOLDING TANKS MUST BE PUMPED OUT BEFORE RETURNING TO SLIP

### CLEANUP

- \_\_\_\_\_ Wash deck with West Marine Boat Soap and rinse (Do not use harsh chemicals).
- \_\_\_\_\_ Clean both toilets (should be done daily).
- \_\_\_\_\_ Clean galley. Wash top of stove and remove food and grease from counter tops. Wash the porthole and clean out the refrigerator. Clean all kitchen ware with soap and water.
- \_\_\_\_\_ Take all trash off the boat, empty can under steps, and waste containers in both heads.
- \_\_\_\_\_ Vacuum all cushions (Vacuum uses AC power, is stored in V-berth).
- \_\_\_\_\_ Sweep and damp mop the cabin sole (cabin floor).

### ON DECK

- \_\_\_\_\_ Propane system secured (if used) - tank valve closed (aft starboard Lazerette).
- \_\_\_\_\_ Sails properly flaked and covered - Blue UV covers in place.
- \_\_\_\_\_ Sheets/lines/Halyards secured.
- \_\_\_\_\_ Anchors secured to pad eyes (if used).
- \_\_\_\_\_ Fenders and extra lines stowed.
- \_\_\_\_\_ Turn off all deck and instrument lights.
- \_\_\_\_\_ Center wheel and place hard covers on depth/speed meter and wind indicator.
- \_\_\_\_\_ Engine Run/Stop handle pushed down.
- \_\_\_\_\_ Read engine hours (Must be done with ignition key on).
- \_\_\_\_\_ Log engine hours in Operations Log (also log any discrepancies and or fluids added).
- \_\_\_\_\_ Put on Winch covers and Pedestal cover.
- \_\_\_\_\_ Stow Horseshoe Buoy/MOB Sling in aft cabin.
- \_\_\_\_\_ Stow Boat Hook, Horn/Binoculars/Navigation Gear and Winch Handles.
- \_\_\_\_\_ AC power cord connected (power switches off and cord securely connected).

### BELOW DECK

- \_\_\_\_\_ Check Bilge in engine room for water. Pump using aft bilge pump if necessary.
- \_\_\_\_\_ Log any discrepancies or problems you encountered in log book.
- \_\_\_\_\_ Close Thru-hulls: (all are seacocks with yellow handles).
- \_\_\_\_\_ FWD Head (2)—Sink Outlet, and Head Intake-closed.
- \_\_\_\_\_ Galley (1) – Sink outlet under sole plate-closed.
- \_\_\_\_\_ AFT Head (2) – Sink outlet, and Head Intake-closed.
- \_\_\_\_\_ Remove food from Freezer and Reefer, CLEAN. Open tops so that air will circulate.
- \_\_\_\_\_ Check all Hatches. Should be closed and dogged down.
- \_\_\_\_\_ Turn Off Electronics, Cabin Lights, Switches on Electric panel.
- \_\_\_\_\_ Bow Thruster battery switch off (V Berth).
- \_\_\_\_\_ AC power switch off on Electric panel.
- \_\_\_\_\_ Turn off PERKO switch.

**Boatswain's Signature** \_\_\_\_\_

**Captain's Signature** \_\_\_\_\_