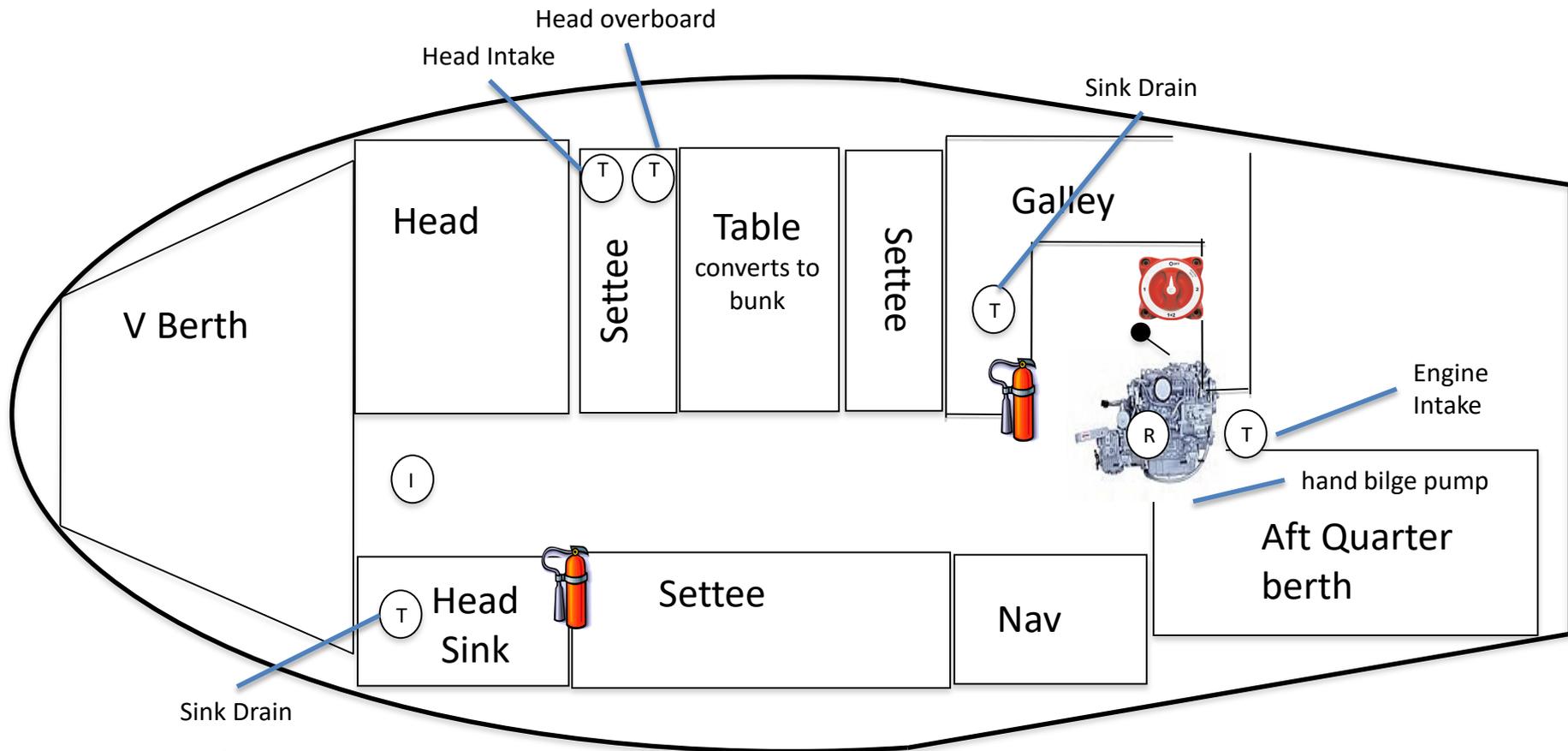


# 3406 Knot Free Hunter 34



## Legend



Engine



Radiator Fill



Fire Extinguisher



Oil Dipstick



Thru Hull  
With Seacock



Instrument  
Thru Hulls



Battery

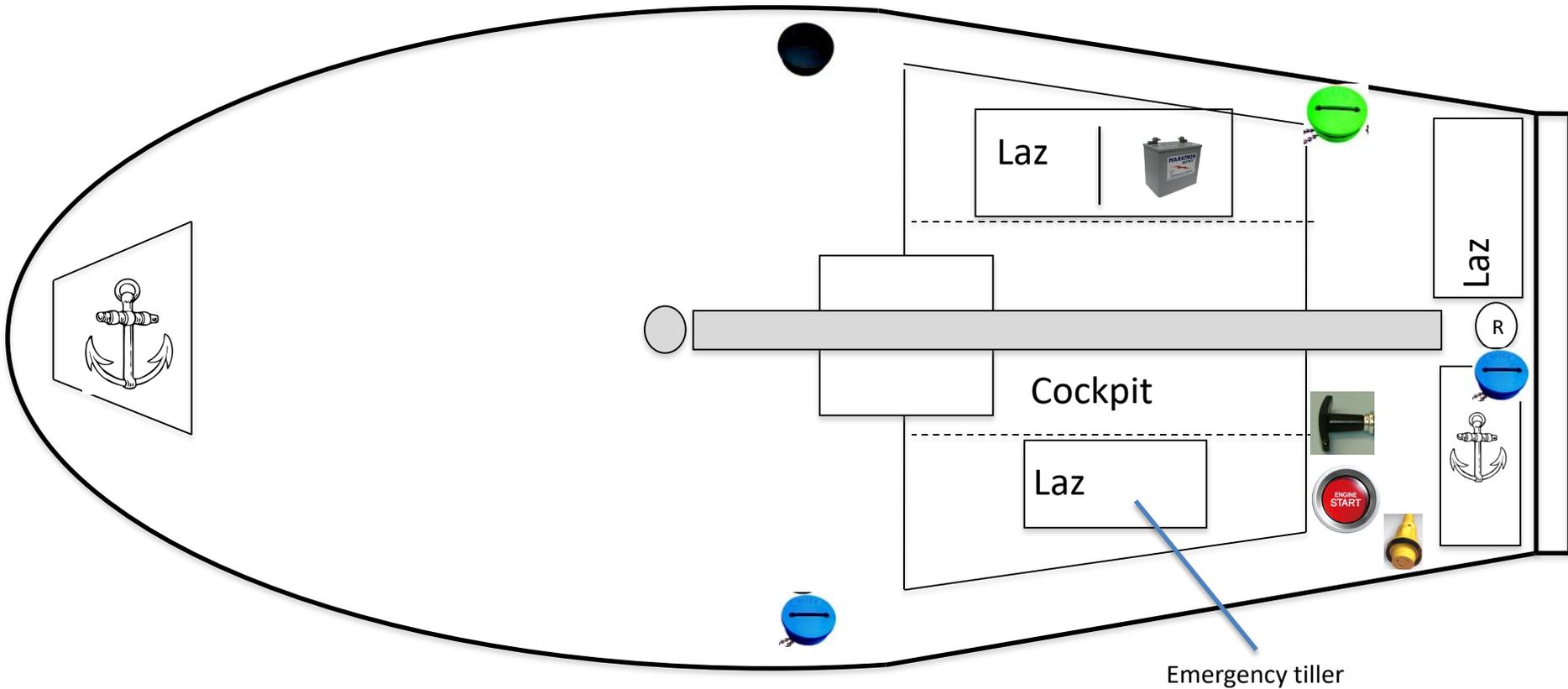


Battery  
Switch

## Notes

1. Oil Dipstick access from Galley
2. A/C Breaker switch in stbd quarter berth

# 3406 Knot Free Hunter 34



## Legend



Rudderpost under wood step



Deck Fill – Diesel



Anchor



AC Power cord



Thru Hull With Seacock



Deck Fill – Waste



Engine Kill



There is no propane/CNG on this boat



Deck Fill – Water



Engine Start

# 3406 Knot Free Hunter 34 Notes

## 3406 –Knot Free 1984 Hunter 34

<p><b>Documentation</b></p>	<p>Knot Free is a California DMV registered vessel CF 8345 YB.</p> <p>USCG required Oil and Garbage Discharge Placards are located in the galley</p>
<p><b>Engine</b></p>	<p>Engine type: Yanmar 3GMF          Working RPM <u>2800</u>    MAX RPM <u>3400</u></p> <p>3 blade fixed prop</p> <p>The engine hour meter is located in the engine compartment.</p> <p>To access the engine compartment, lift the top step of the companionway ladder.</p> <p>Check the oil by opening the engine compartment hatch found in the galley next to engine compartment. The dipstick is easily accessible from here.</p> <p>The coolant reservoir is on the port side of the engine on the right as you face the motor. The pressure cap is to the left.</p> <p>There are two belts to check on Knot Free located on the front of the engine. The steps must be removed to check belt condition and tension.</p>
<p><b>Fuel Gauge</b></p>	<p>There is no fuel gauge at this time. <b>IT IS EXTREMELY IMPORTANT TO RECORD ENGINE HOURS ACCURATELY, SO WE CAN FUEL THE BOAT PROPERLY. There is a 20 gal. fuel tank in the starboard lazarette.</b> Our staff tops of the fuel tank for this boat every week.</p>
<p><b>Engine Start Up and Shut Down</b></p>	<p><b>Start Up</b></p> <p>The ignition key is on the starboard side of the engine panel. To energize the starter system, turn on the battery switch located in the galley above the access door for the engine.</p> <p>Use the ON position for normal operations. Use COMBINE batteries ONLY when the starting battery charge state is insufficient to crank the engine.</p> <p>No pre-heat glow plugs are installed. To start the engine, turn the key clockwise and push the start button.</p> <p><b>Shut Down</b></p> <p>The shut off pull lever is found on the engine panel.</p>

## 3406 –Knot Free 1984 Hunter 34

<p><b>Electrical System</b></p>	<p><b>AC</b> The AC emergency breaker is in the aft quarter berth on the aft wall.</p> <p>Leave the following AC switches on when plugged in dockside (all are labeled with green dots):</p> <ul style="list-style-type: none"> <li>• AC Main</li> <li>• Outlets (both port and starboard)</li> </ul> <p><b>DC</b> The DC off / on / combined Battery Selector located in Galley, on the engine cover box. <b>When leaving the boat, the DC Main should be in the “OFF” position.</b></p> <p>The depth sounder switch on the DC Main Panel activates the depth instrument located at the helm.</p>
<p><b>Thru Hulls</b></p>	<p>Knot Free has one instrument thru hulls. The depth sensor is located below the head floorboards.</p> <p>There are four thru hulls with seacocks.</p> <ul style="list-style-type: none"> <li>• Head sink drain is below the sink in the head offset to port.</li> <li>• Toilet intake and holding tank discharge are accessible below the forward dinette seat.</li> <li>• The galley sink drain is located under the galley sink.</li> <li>• The Raw Water Engine Intake is aft of the engine below the aft cabin berth off set to port.</li> </ul>
<p><b>Head(s)</b></p>	<p>There is one “manual flush” head located to starboard. The head intake is located under the forward dinette seat. However, it is recommended that fresh water from the shower be used instead. There is a manual pump located next to the head bowl – it is zip tied off as this is the overboard pump for the holding tank, do not use!</p>
<p><b>Fresh Water System</b></p>	<p>There are two fresh water tanks on Knot Free. One is located under the port settee and the other is located under the wooden step at the stern of the boat. The tank selector valves are located next to the water tank in the port settee.</p>

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<p><b>Anchor and Ground Tackle</b></p>	<p><b>Primary Anchor</b> A 22 lb. Bruce style primary anchor, with a combination 30'chain/170'nylon rode is mounted in a bow roller.</p> <p><b>Secondary Anchor</b> A 26 lb. Danforth style secondary anchor, with a combination chair/nylon rode stowed in the port lazarette</p> <p><b>Kellet/Sentinel</b> There is a kellet with sentinel stowed in the starboard lazarette.</p> <p><b>Windlass</b> There is no windlass.</p>
<p><b>Draft / keel type</b></p>	<p>Knot Free draws 5'6", and has a fin keel</p>
<p><b>Refrigeration</b></p>	<p>Knot Free is outfitted with an ice box which drains to the bilge.</p>
<p><b>Stove</b></p>	<p>At this time there is not a stove or propane system on Knot Free</p>
<p><b>Barbeque</b></p>	<p>There is a stern rail mounted propane BBQ. The BBQ uses the small green "Coleman" style propane canisters ... you must provide your own; and remove from the boat at the end of charter.  <b>*Please clean grill &amp; burn off all food when done!*</b>  The regulator assembly is stowed in the galley.</p>
<p><b>Running Rigging</b></p>	<p><b>Mainsail</b> Knot Free has a traditional mainsail with 2 reefs. The reef lines do not run to the cockpit, you must go forward to the mast. The tack reef is a ring that hooks on a horn at the top of the gooseneck, and the clew reef lines cleat (with a cam clutch) on the underside of the boom at the gooseneck.</p> <p><b>Jib</b> Knot Free is set up with a 110% roller furled jib. Jib sheets are routed to the primary winches on the cockpit combing.</p> <p>There are winches on the cockpit combing to port and starboard. The port cockpit winch is near the jib furling line. <b>DO NOT USE THE WINCH TO FURL THE JIB.</b> If the jib will not furl by hand, the jib has not been properly de-powered. Turn to a broad reach and "blanket" the jib with the main sail.</p> <p><b>When leaving the boat please leave lines hand tight only (main sheet/vang/topping lift)</b></p>
<p><b>Emergency Tiller</b></p>	<p>The emergency tiller is located in the port lazarette. The access to the rudder post is located under the wooden step on the stern (the same location as the water deck fill.)</p>

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