



AVENTURA SAILING

Kokomo

Boat Manual



BOAT CODE

C36

SLIP

C73

DO NOT SAIL IN REVERSE

*At the End of Your Charter
Please Turn Battery Starter Switch "OFF"*

MAXIMUM CAPACITY: 8 PASSENGERS

Violation Will Result In Suspension of Members Certification and Charter Privileges

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Boat Manual		Make	1984 Catalina	1 C36
		Documentation No.	1093817	
Name	Kokomo	Length	36'-04"	
		Beam	11'-11"	
Code	C36	Draft	5'-06"	
Use this information along with the Discrepancy Report and the Basic Course Syllabus				

Engine Universal M25 - Diesel

Location/Access	Under companionway steps.	
Engine Cockpit Control Panel	Engine control panel on port, aft cockpit combing.	
Battery Switch <i>Never turn any battery switch off while engine is running!</i>	Midship Cabin Starboard side above Navigation Station table. 1: STARTER 2: HOUSE	
Engine Hour Meter	Port, aft of engine control panel above START button.	
Fuel Gauge	Located on the Electrical Panel above the navigation station table - starboard.	
Ignition/Start	Engine Control Panel GREY rubber start button.	
Glow Plug	Engine Control Panel, BLACK rubber start button.	
Throttle	Starboard side of Helm pedestal. Forward is fast, Back is idle.	
Shift <i>Shift at idle speeds only!</i>	Silver lever on port side of steering pedestal. FWD/Neutral/REV <ul style="list-style-type: none"> To engage the transmission: pull back throttle, push or pull port side handle to FWD or REV, then increase power. To disengage the transmission: pull back throttle to idle, then push or pull portside handle to middle or neutral position. 	
Engine Starting <i>Warning! Never turn the battery switch to "OFF" while the engine is running!</i>	<ol style="list-style-type: none"> Deactivate and disconnect shore power. Turn Battery Switch to "All". Make sure transmission is in neutral, throttle 25%. Turn round silver ignition key to right. Push and hold black Glow Plug for 1 full minute, then press grey START button Check the engine exhaust at the bottom of the transom to see that water is being exhausted out. Warm up for 15 minutes. Before dropping dock lines run through shifting and throttle advance until comfortable. 	
Stop Engine	Black handle above tachometer, port; pull out oto stop engine. After engine has stopped, push Black handle back in, turn key to off position.	
Dipstick <i>Check oil only if necessary.</i>	On the Starboard side of engine, low, under air intake. Access through panel behind companionway steps.	

Electrical Panel



Located above navigation table, starboard with breaker switches labeled for each system.

AC Main Switches: Located on the Electrical Panel above the navigation station.

Battery Switch

Never turn any battery switch off while engine is running!

Located on the Electrical Panel above the navigation station table starboard.

Leave switch on "OFF" when at dock.

Battery Charging

Both batteries require 2 to 4 hours to recharge when charge levels are low. Monitor battery levels frequently! (SEE: "Monitoring Batteries")

At the end of charter, leave battery switch on "OFF"!

There are 2 methods for charging the batteries on board.

Shore Power:

1. Plug in Shore Power cord at the receptacle on the outer port side of the aft cockpit. Make sure it's plugged in and the AC breaker switch is "ON" at the Dock Box.
2. On the AC power panel: Toggle on the "AC MAIN".
3. Toggle on the "Battery Charger" switch.

Charging Batteries with Engine:

1. Turn Battery Switch to "ALL" and start engine with the transmission disengaged following "Engine Starting" procedures.
2. Adjust the "Throttle" lever until the tachometer is between 1500 and 1800 rpm. After batteries are charged and engine is off, turn "Engine Start" switch "OFF" (for boats having both engine and house batteries).

Monitoring Batteries

Monitor battery levels frequently when using 12 volt services!

Method for Monitoring Battery Level:

NOTE: It is NOT necessary for battery switches to be ON to monitor batteries. Analog toggle indicator on electrical panel.

Battery Location

- 2- "House" batteries under the Starboard seat forward of Nav Station table.
- 1- "Engine/Start" battery under cockpit Portside lazarette.

Pedestal Cluster Instruments

To activate the pedestal cluster instruments:

1. Turn on the "House Batteries" switch.
2. On the electrical control panel toggle on the "Instruments" breaker.
3. Turn on the chartplotter at the helm
(see "Depth and Wind Instruments" on page 3.

Electronics

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Autohelm	<p>Located in the cockpit starboard.</p> <p>To Use: *plug instrument (Nav shelf) into outlet first.</p> <ol style="list-style-type: none"> In Main Cabin: Turn "INSTRUMENTS" switch to "ON" position at the control panel. In Cockpit: Push "STANDBY" at Autohelm control panel, come to course and push "AUTO". Minor Course Corrections: Press +/- 1 degree or +/- 10 degree button.
GPS Chart Plotter	<p>Located at the helm. To Use:</p> <ol style="list-style-type: none"> In Main Cabin: Turn "INSTRUMENTS" switch to "ON" position at the control panel. Push power button to turn on, select viewing option, plot course.
Depth and Wind Instruments	<p>Located at the helm. To Use:</p> <ol style="list-style-type: none"> In Main Cabin: Turn "INSTRUMENTS" switch to "ON" position at the control panel. Depth, wind, and temperature gauges will read automatically on Chart Plotter. Forward scan will need to be "unpaused" to receive forward reading.

Sails

<p>Jib</p> <p><i>Do not release the jib halyard except in cases of emergency!</i></p>	<p>Mounted on a roller furling. The furling line leads aft along the starboard rail to starboard side cleat outside cockpit. Keep a slight amount of tension on the furling line while unrolling jib, this will make it easier to roll back up.</p> <p>The halyard leads aft through a lock on the Port side of the companionway.</p>
Main	<p>The Main Halyard and Main Sheet lead aft to the Starboard side of the companionway.</p>

Tankage

Water Tanks	<p>There are (2) water tanks aboard with a total capacity of 40 gallons.</p> <p>Tanks are located on either side of Starboard quarterberth.</p> <p>2 Fill Caps: Located outside the cockpit, 1 Starboard aft, and 1 Port aft.</p>
<p>Fuel Tank</p> <p><i>Do not leave fuel filler nozzle unattended when fueling!</i></p>	<p>Located: Under bench forward of galley sink.</p> <p>Fill Cap: Located midship, port side.</p> <p>Capacity: 32 gallons.</p>
Holding Tank	<p>Capacity: 17 gallons</p> <p>Located: Under forward settee to the port side of mast.</p> <p>Pump-out Cap: Located on the Port midship outboard.</p> <p>Holding tank is not able to be emptied at sea.</p>

Head

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Operation

Nothing goes in the bowl that has not been consumed first except marine toilet paper!

Make sure "Head Intake" valve is open. The valve is open if the handle is perpendicular to the hull.

To Operate Head:

1. On the right side of the bowl is the pump and handle.
2. On the front of the pump is a selector valve with "Dry & Flush" on its face.
3. Pump the handle to wet the bowl.
4. After use, pump the handle 8 to 10 times to empty the bowl.
5. When bowl is empty, turn the selector to the "Dry" position and pump handle until the bowl is dry.

Holding tank is not able to be emptied at sea.

Bilge Pump

Bilge Pump (Electric)

The Electric Bilge Pump is located under the main cabin bilge plate. Mounted next to the pump is an "Auto" bilge pump float switch. This float switch will automatically activate the bilge pump when the water level in the bilge is 4 inches or deeper. The float switch is wired directly the batteries and it is not required for the battery switch to be on.

1. On the DC Service panel move the "BILGE MAN / AUTO" to the right for the "AUTO" mode (Labeled "Leave On").

To activate the manual mode (Turns on when switched on) :

1. Turn the battery switch (SEE: Battery Switch) to "ALL" or "2" House"
2. On the 12v DC Service panel, locate the "BILGE MAN/AUTO" rocker switch and move the switch to the left to the "MAN" mode. This will activate the bilge pump. Pump the bilge until it is empty (Near Empty).

Bilge Pump (Manual)

The Manual Bilge Pump is located on the inboard side of the Port cockpit seat bench (Labeled: "SUMP PUMP").

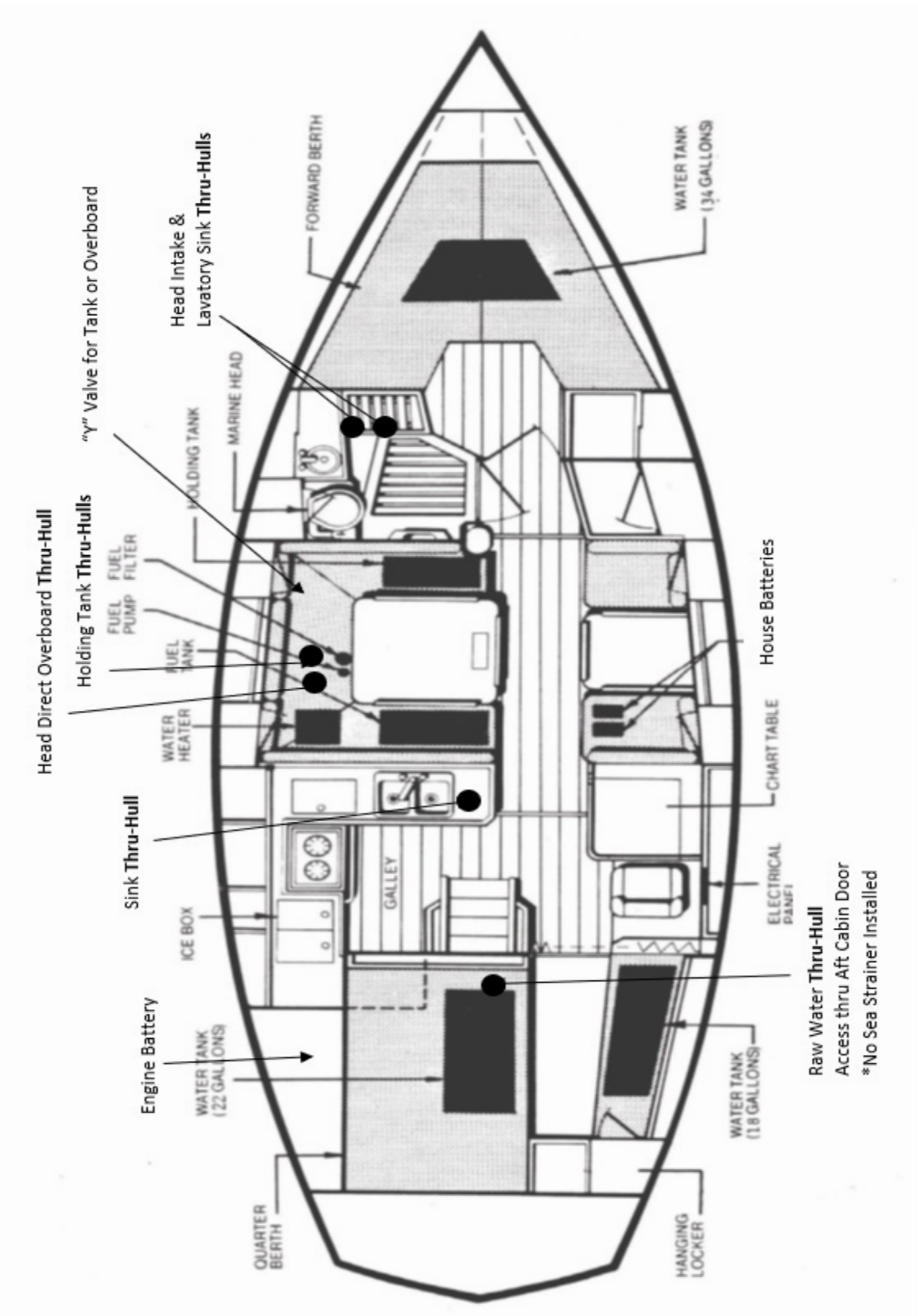
To operate the pump:

1. Retrieve the bilge pump handle from the Boat Bag.
2. Insert the handle in the pump receptacle on the face of the pump.
3. Move the pump handle up and down to operate the pump. Note: This may take many strokes to "Prime" the pump. Once "Primed" the pumping effort will be harder and will become easier once the bilge is empty.
4. Remove the pump handle and replace it in the Boat Bag.

General Notes

<p>Refrigeration</p>	<p>Breaker switch located on electrical panel above navigation table</p> <p>Swith “Refrigerator” ON</p> <p>Temperature Knob located inside refrigeration box towards top of aft side. Leave temperature know on level “4”.</p>
<p>Stove</p>	<p>The Galley Stove is fueled by CNG (Natural Gas), Tank and valves located in stern lazarette. Open valve on tank</p> <p>To operate the stove:</p> <ol style="list-style-type: none"> 1. Turn on the CNG tank valve by turning the knob on top of the tank full Counter Clockwise. 2. On the 12v DC Service Panel locate the RED rocker switch labeled “CNG STOVE”. Move the switch to the right to active the switch. 3. Locate the “GAS CONTROL PANEL” on the bulkhead aft of the POWER SERVICE PANELS and behind the VHF radio. Toggle “ON” the switch and observe that the GREEN “Power” is on. <p>At the stove :</p> <ol style="list-style-type: none"> 1. Retrieve a BBQ lighter from one of the galley drawers. 2. Select the desired burner to be used. 3. Ignite the lighter and place it next to the selected burner. 4. Push and hold in and turn the selected burner knob. 5. If the burner does not immediately light, BE PATIENT. Some times the fuel supply can be empty and the fuel needs to BLEED into the line from the tank to the Stove. 6. After the burner is lit, adjust the burner knob to the desired level. 7. When finished using the stove, REVERSE THE FIRST 3. STEPS to complete stove shut down.
<p>Galley Sink</p>	<p>Outlet through hull is under cabinet.</p>
<p>Head Sink</p>	<p>Outlet through hull is under cabinet.</p>
<p>Hot Water Heater</p>	<p>AC operational only, Shore Power must be hooked up. Breaker switch on AC panel.</p> <p>Capacity: 6 gallons</p>
<p>Winlass</p>	<p>N/A</p>
<p>Stereo</p>	<div data-bbox="704 1430 1166 1612" data-label="Image"> </div> <p>Located forward electrical panel above Navigation table; functions with Multi Function Display.</p> <ol style="list-style-type: none"> 1. Toggle Stereo lever “ON” 2. Press Page button on upper left corner of stereo 3. Scroll for “Discoverable” 4. Search your Blue Tooth Device for KOKOMO

Deck Plate & Thru-Hull Locations



Raw Water Thru-Hull
 Access thru Aft Cabin Door
 *No Sea Strainer Installed

Inventory

Item	Qty	Location
Air Horn	1	Boat Bag
Anchors	2	Bow Anchor in Bow Anchor Locker Stern Anchor in Stern Lazarette
Boat Hook	2	1. Hanging on Port Companionway handle 2. Stern Lazarette
Bilge Pump Handle	1	In Port Lazarette
Canvas	1	Main Sail
	1	Helm Cover
	2	Winch Covers
	2	Handrails: Port and Starboard Cabin Top
Deck Key	1	In Boat Bag, fuel key located in nav table.
Emergency Tiller	1	Port lazarette
Fenders	4	2 Port, 2 Starboard: attached to stanchons.
Fire Extinguishers	1	Under Galley oven
	1	Main Cabin mounted starboard aft of Nav Table
	1	Port Lazarette
First Aid Kit	1	Companionway Drawer
Flashlights	2	1. Boat Bag 2. On shelf above Navigation table
Life Jackets	10	Adult 1. Port Lazarette (4) 2. Quarterberth Locker (6)
	4	Child - Quarterberth Locker
Life Sling	0	N/A
Oil Discharge Placard	1	Above Companionway Steps
Radar Reflector	1	Affixed to mast
Signal Flares	4	Boat Bag
Tool Kit	1	Starboard cabinet forward of Navigation Station
Vessel Documentation		In Back of Boat Book, on Navigation Station
VHF Radio	1	Electrical panel at Navigation Station
Winch Handles	2	Boat Bag