



AVENTURA SAILING

Amicitia

Boat Manual



BOAT CODE

N33

SLIP

B100

DO NOT SAIL IN REVERSE

*At the End of Your Charter
Please Leave Battery Switch on "ALL"*

MAXIMUM CAPACITY: 8 PASSENGERS

Violation Will Result In Suspension of Members Certification and Charter Privileges

Table of Contents

Engine

Location/Access	1
Engine Cockpit Control Panel	1
Battery Switch	1
Engine Hour Meter	1
Fuel Gauge	1
Ignition/Start	1
Glow Plug	1
Throttle	1
Shift	1
Engine Starting	1
Stop Engine	1
Dip Stick	1

Electrical & Electronics

Electrical Control Panels	2
Battery Switch	2
Battery Charging	2
Monitor Batteries	2
Battery Locations	2
Pedestal Cluster Instruments	2

Sails

Jib	3
Main	3

Tankage

Water Tanks	3
Fuel Tank	3
Holding Tank	3
Head Operations	4

General Notes

Stove	4
Autopilot	4
Refrigerator	4

Deck Plate & Thru-Hull Locations

Diagram	5
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Inventory

Boat Equipment	6
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Aventura Chartering

Policy & Procedures	P1-P21
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Boat Manual		Make	1995 Newport
		Documentation No.	1092907
Name	Amicitia	Length	32.6 Feet
		Beam	11.6 Feet
Code	N33	Draft	6 Feet
Use this information along with the Discrepancy Report and the Basic Course Syllabus			

Engine Yanmar 3GM30F 3 Cylinder Diesel

Location/Access	Under/behind companionway steps; lift steps up and out to remove.
Engine Cockpit Control Panel	Starboard aft end of the cockpit combing, containing a tachometer, an engine temperature gauge, a fuel gauge, a volt meter, an ignition key switch, engine start button and an engine stop knob.
Battery Switch <i>Never turn any battery switch off while engine is running!</i>	Located behind cushion on port settee. #1 House #2 Engine
Engine Hour Meter	Aft cabin starboard, mounted on bulkhead (Look to your left while looking in aft cabin, meter is mounted low on wood partition/bulkhead)
Fuel Gauge	Below engine control panel.
Ignition/Start	Small silver key switch on Control Panel with black rubber start button.
Glow Plug	None: N/A
Throttle	Starboard side of Helm pedestal. Forward is fast, Back is idle. 50% to start.
Shift <i>Shift at idle speeds only!</i>	Silver lever on port side of steering pedestal. Back for reverse. Forward for forward.
Engine Starting <i>Warning! Never turn the battery switch to "OFF" while the engine is running!</i>	<ol style="list-style-type: none"> 1. Deactivate and disconnect shore power. Turn Battery Switch to "Both/All". 2. Make sure shift is in neutral, throttle 50%, ignition on, engine stop handle/knob in completely. 3. Push and hold black start button until engine starts. If engine does not start within 5 sec., recheck that steps were performed exactly and retry. 4. Check the engine exhaust at the bottom of the transom to see that water is being exhausted out. Warm up for 15 minutes. 5. Before dropping dock lines run through shifting and throttle advance until comfortable.
Stop Engine	Black knob on Engine Control panel; pull out to stop engine. After engine has stopped, push Black knob back in, turn key to off position and remove to a safe location.
Dipstick <i>Check oil only if necessary.</i>	On the Starboard side of engine. Remove companionway steps, to starboard side, find dipstick under fuel filter.

Electrical & Electronics

<p>Electrical Panels</p>	<p>There are 2 panels controlling power on board. Panels are located in the port aft cabin.</p> <ul style="list-style-type: none"> • While facing aft, the panel to your left is 12 volt DC and is labeled “DC Power”. Switches on panel control all 12 volt systems on board when “House Battery” switch is on “1” or “Both”. • While facing aft, the panel to your right is 120 Volt AC and is labeled “120v AC Shore Power”. Breakers on this panel control all 120 volt systems on board and is powered by shore power only. This system only operates when shore power is plugged in and the “Master Breaker” is toggle ON.
<p>Battery Switch</p> <p>Never turn any battery switch off while engine is running!</p>	<p>Located behind cushion on port settee.</p> <p>#1 House #2 Engine</p>
<p>Battery Charging</p> <p>Both batteries require 2 to 4 hours to recharge when charge levels are low. Monitor battery levels frequently! (SEE: “Monitoring Batteries”)</p> <p>At the end of charter, leave battery switch on “ALL”!</p>	<p>There are 2 methods for charging the batteries on board.</p> <p>Shore Power:</p> <ol style="list-style-type: none"> 1. Plug in Shore Power cord at the receptacle on the 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 “Master Breaker” and “Battery Charger” breakers. Red lights next to these breakers should be lit. <p>Charging Batteries with Engine:</p> <ol style="list-style-type: none"> 1. Turn Battery Switches “ON” and start engine 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).
<p>Monitoring Batteries</p> <p>Monitor battery levels frequently when using 12 volt services!</p> <p>After charter: leave battery switch on “ALL” and “battery charger” toggle “ON”.</p>	<p>Method for Monitoring Battery Level:</p> <p>The Battery Charger is located under the Nav station, mounted on the outboard bulkhead. A BLUE light on the face of the charger should be ON. The Charger has a “Trickle” charge for the batteries when needed.</p>
<p>Battery Location</p>	<ul style="list-style-type: none"> • House Battery: 1 deep cycle battery located under port settee. • Start Battery: 1 battery located under port settee (with House Battery).
<p>Pedestal Cluster Instruments</p>	<p>To activate the pedestal cluster instruments: On the “12v DC Battery Power” panel toggle on the “GPS” and “Radar” breakers.</p>

Jib Sail

3

N33

Jib	120% Genoa. Roller furling line on port side. A slight amount of tension on the furling line while unrolling will make it easier to roll back up.
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Mainsail

Raising Mainsail	<p>Before You Leave the Dock</p> <ol style="list-style-type: none"> 1. Unzip lazy cradle all the way or leave 6 inches. 2. Attach main halyard 3. Ready halyard on winch <p>After Leaving the Dock</p> <ol style="list-style-type: none"> 1. Must be dead into the wind; keep boom lined up with the wind. 2. As you raise the mainsail WATCH to see nothing is tangled. 3. BE CAREFUL! Best to stop after a few feet and check battens and lazy jacks are cleared. Finish raising sail.
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Dousing Mainsail	<p><i>Must be dead into the wind; keep boom lined up with the wind.</i></p> <ol style="list-style-type: none"> 1. Flake out main halyard so it can run free. 2. Open front of lazy cradle. 3. Open jam cleat with halyard on winch, boom a bit loose, not tight. 4. Release halyard from winch dropping main into cradle as fast as possible. 5. Tighten boom over center of boat. 6. Pull back on sail to tidy up the folds (can wait until in dock or on mooring). 7. Put reef line at clew in cradle. 8. Hold tail of zipper tight with one hand and zip up with the other hand most of the way. 9. Remove halyard; goes on shroud cleat. 10. Finish zipping cradle, and if front is open, zip it up.
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Tankage

Water Tanks	Tank capacity: 20 gallons Located in bow, under the V-berth. Tank fill is in anchor locker.
Fuel Tank Do not leave fuel filler nozzle unattended when fueling!	Tank Capacity 20 gallons. The tank is located under the quarter berth bunk. Fuel filler cap is located on the port side, aft, on the cockpit combing. Tank vent is on port side of the transom.
Holding Tank Report on discrepancy report that zip-tie has been cut. Staff will install new tie.	<ul style="list-style-type: none"> • Located in head under cabinet. Capacity: 15 gallons • The pump out cap is located on the port side, main deck, outboard. • To pump out at pump out station no valves need to be opened. <p>Emptying the Holding Tank at Sea:</p> <ol style="list-style-type: none"> 1. Under the forward port settee you'll see 3 red handle valves, cut the zip-tie labeled "Holding Tank Discharge" clockwise. 2. Pump black handle on manual pump until tank is empty. Pump will lose pressure when empty. 3. Return valve to closed position.

Head

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 parallel with the hose.

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 to empty the bowl.
5. When bowl is empty, turn the selector to the "Dry" position and pump handle until the bowl is dry.

General Notes

Stove

When stove is not in use and at the end of cruise, turn off all switches and valves!

To operate the stove:

1. Turn on the propane tank located in the starboard aft lazarette by turning valve on top of the tank counter clockwise until valve is fully open.
2. Make sure House Battery switch is ON.
3. Located below the galley sink is a LPG control switch. Toggle to ON position until a red light comes on.
4. On the stove select the burner knob to be used.
5. On the right side of the stove is a button labeled "Burner Ignite". Press and hold button in. You will hear a "snapping" of the igniter.
6. Turn the selected burner knob to "Ign.". Press knob in and hold until burner is lit. Hold knob in for 10 seconds to allow temp. sensor to warm up. Release the burner knob and turn knob to desired setting.

NOTE: If burner does not light, check tank for contents (should weigh about 35 lbs full). Repeat steps 1 thru 6.

Autopilot

1. Toggle on breaker at DC control Panel labeled "Autopilot".
2. Interface on starboard combing forward of engine control panel.
3. Adjust angle of sail to desired course and set "AUTO".
4. Turn to "STANDBY" for adjustment of course.

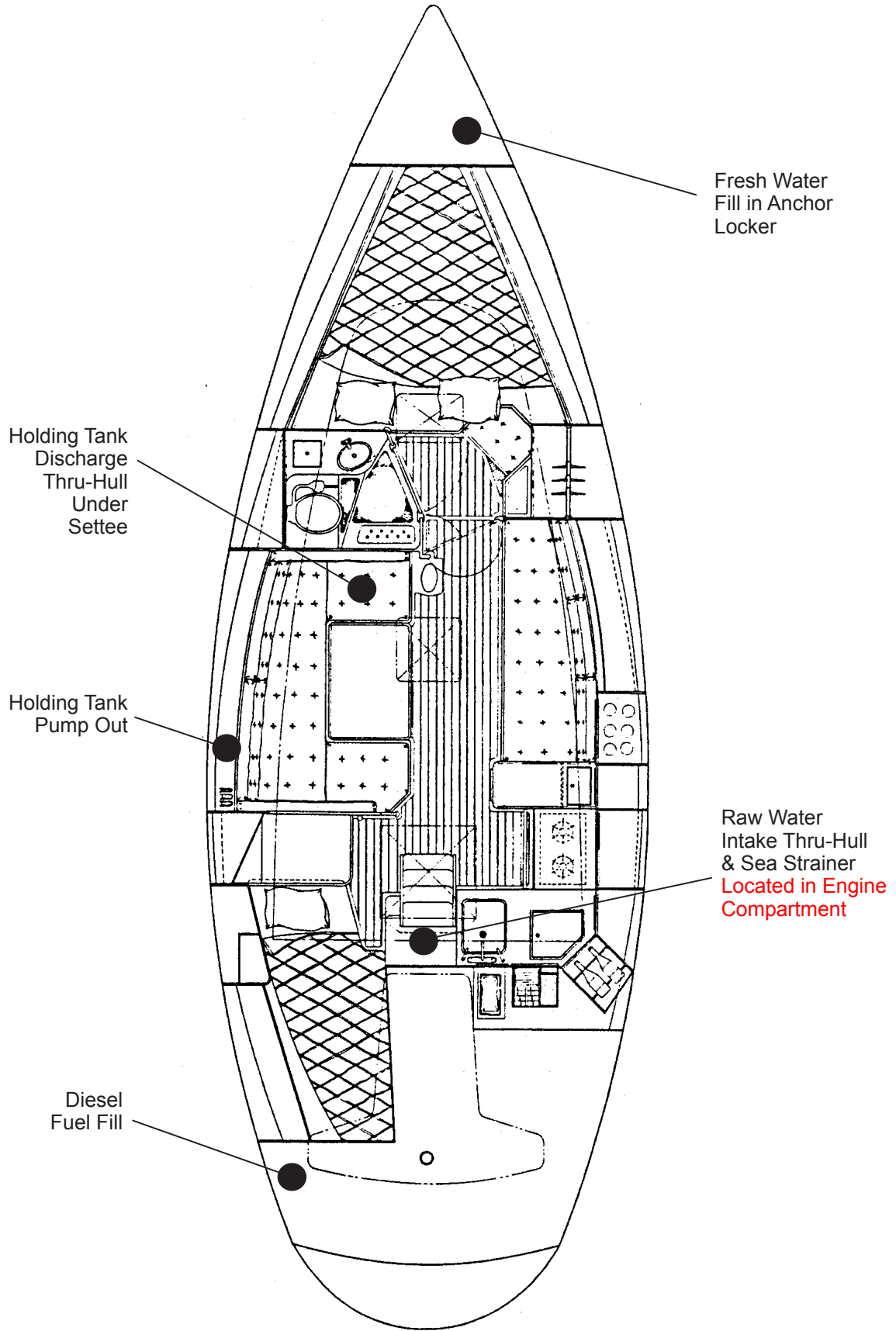
Refrigerator/ Icebox

Monitor battery levels often when using this unit!

This unit is located aft of the galley stove. To activate the refrigerator/icebox:

1. Turn on the "House Batteries" switch (SEE: "Battery Switches) to position "Both." On the "12v DC Battery Power" panel toggle on the "Refrigerator" breaker.
2. Inside of the refrigerator/icebox on the upper inboard corner is a small panel with a temperature control knob.
3. **DO NOT ADJUST TEMPERATURE CONTROL ABOVE 2. THIS UNIT DRAWS A HIGH LOAD FROM THE BATTERIES.**

Deck Plate & Thru-Hull Locations



Inventory

Item	Qty	Location
Air Horn	1	Boat Bag
Anchors	2	Bow Anchor in Bow Anchor Locker w/ 30' chain, 240' rode Stern Anchor in port aft lazarette w/ 30' chain, 200' rode
Bell	1	Galley
Boat Hook	1	In starboard lazarette
Bilge Pump Handle	1	In Boat Bag
Canvas	1	Wheel cover
	2	Combing covers
	2	Hatch cover
	1	Dodger cover
Deck Key	1	In Boat Bag
Emergency Tiller	1	In starboard lazarette
Fenders	1	
Fire Extinguishers	1	Galley
	1	Main cabin, starboard
First Aid Kit	1	Head - Cabinet
Flashlights	1	On shelf in main cabin over port settee bench.
Life Jackets	8	Starboard Lazarette - 1 Bag
Oil Discharge Placard	1	Under Companionway Steps
Radar Reflector	1	Port Lazarette
Signal Flares	4	Boat Bag
Ship Papers	1	Boat Book, Navigation Station
Shore Power Cord	1	Plugs in on side of the port aft cockpit seat.
Tool Kit	1	Aft cabin
VHF Radio	1	Mounted overhead in main cabin
Winch Handles	2	Boat Bag