



AVENTURA SAILING

Gratitude

Boat Manual



BOAT CODE

C38

SLIP

B189

DO NOT SAIL IN REVERSE

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

MAXIMUM CAPACITY: 8 PASSENGERS

Violation Will Result In Suspension of Members Certification and Charter Privileges

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Policy & Procedures	P1-P21
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Boat Manual		Make	1980 Catalina	1 C38
		Documentation No.	CF 7180 GW	
Name	Gratitude	Length	38'	
		Beam	11'-10"	
Code	C38	Draft	6'-9"	
Use this information along with the Discrepancy Report and the Basic Course Syllabus				

Engine

Location/Access	Under companionway steps.
Engine Cockpit Control Panel	Engine control panel on port, aft cockpit
Battery Switch <i>Never turn any battery switch off while engine is running!</i>	<ol style="list-style-type: none"> HOUSE: Midship Cabin Starboard side above Navigation Station table ENGINE: In Port Cockpit Lazarette
Engine Hour Meter	Port, on engine control panel above GLOW button.
Fuel Gauge	Located in the starboard quarter berth.
Ignition/Start	Engine Control Panel: Key start
Glow Plug	Engine Control Panel, BLACK rubber button Hold for 30-40 seconds
Throttle	Red Handle on Starboard side of binnacle. Forward is fast, Back is idle.
Shift <i>Shift at idle speeds only!</i>	Black lever on aft side of innacle. UP is Forward /Neutral/ DOWN is Reverse Before dropping dock lines run through shifting and throttle advance until comfortable.
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 30 seconds, then turn key to right. Check the engine exhaust far aft Port side 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 below key switch, 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 under companionway steps. NOTE: If checking - be sure to push dipstick down securely when done!

Electrical

<p>Electrical Panel</p>	<p>Located above navigation table, starboard with breaker switches labeled for each system. AC Main Switches: Located on the Electrical Panel above the navigation station Starboard.</p>
<p>Battery Switch <i>Never turn any battery switch off while engine is running!</i></p>	<p>1. HOUSE: Located on the Electrical Panel above the navigation station table. 2. ENGINE: Second switch inside Port Lazarette Leave BOTH switches on "ALL"</p>
<p>Battery Charging <i>Both batteries require 2 to 4 hours to recharge when charge levels are low. Monitor battery levels frequently! (SEE: "Monitoring Batteries")</i> <i>At the end of charter, leave battery switch on "OFF"!</i></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 outer Starboard side of the 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. <p>Charging Batteries with Engine:</p> <ol style="list-style-type: none"> 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).
<p>Monitoring Batteries <i>Monitor battery levels frequently when using 12 volt services!</i></p>	<p>Method for Monitoring Battery Level:</p> <p>NOTE: It is NOT necessary for battery switches to be ON to monitor batteries. Analog toggle indicator on electrical panel.</p>
<p>Battery Location</p>	<p>1 - "House" battery under the Port seat ft end of table 1 - "Engine/Start" battery under cockpit Portside lazarette.</p>
<p>Pedestal Cluster Instruments</p>	<p>Currently None</p>

Electronics

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Autohelm	N/A
GPS Chart Plotter	N/A
Depth and Wind Instruments	N/A

Sails

Jib <i>Do not release the jib halyard except in cases of emergency!</i>	<p>Mounted on a roller furling. The take up line leads aft along the port rail to port side clutches outside the companionway hatch. 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 is on the mast.</p>
Main	The Main Halyard is on the mast.

Tankage

Water Tanks	<p>Total capacity: 36 gallons.</p> <p>Tank located: Under the forward V-berth.</p> <p>Fill fitting located: Starboard, forward of cabin deck.</p>
Fuel Tank <i>Do not leave fuel filler nozzle unattended when fueling!</i>	<p>Capacity: 20 gallons.</p> <p>Located: Under quarter berth</p> <p>Fill fitting located: Starboard aft corner</p>
Holding Tank	<p>Capacity: 21 gallons</p> <p>Located: In cabin under settee to the port side of mast.</p> <p>Pump-out Cap: Port side outboard, forward.</p> <p>Harbor pump out: Fitting located on port deck forward of mast.</p>

Head

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Operation

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

Electric Head

To Operate Head:

Push Black Button on Cabinet.

No direct overboard.

Holding tank is not able to be emptied at sea.

Bilge Pump

Bilge Pump (Automatic)

Switch is located on the Electrical Control Panel.

Bilge Pump (Manual)

The Manual Bilge Pump: Located in cockpit aft of Helm on the Starboard side.

General Notes

Refrigeration

Icebox in Galley

Stove

One Burner Butane.

Microwave

Works on shore power only; no inverter.

Galley Sink

Outlet through hull is under cabinet.

Head Sink

Outlet through hull is under cabinet.

Hot Water Heater

N/A

Shower Sump Pump

Switch located in head above cabinet below sink. Only works when water pump DC switch is on at the Electrical Panel.

Winlass

N/A

Stereo

N/A

Inventory

Item	Qty	Location
Air Horn	1	Boat Bag
Anchors	2	1. Bow Anchor in Bow Anchor Locker 2. Stern Anchor in Stern Lazarette
Bell	1	Located in Starboard Lazarette
Boat Hook	1	Located on Hooks above Starboard quarterberth
Bilge Pump Handle	1	In Boat Bag
Canvas	1	Main Sail
	0	Helm Cover
	0	Winch Covers
	0	Bimini
	1	Cockpit Cover (attaches to boom)
Deck Key	1	In Boat Bag, fuel key located in nav table.
Emergency Tiller	1	Starboard lazarette
Fenders	4	2 Port, 2 Starboard: attached to stanchons.
Fire Extinguishers	1	Main Cabin mounted port side of companion way steps
	1	Forward Cabin Starboard side
	1	Port Lazarette
First Aid Kit	1	Main Cabin, starboard locker
Flashlights	1	Boat Bag
Life Jackets	8	Adult Type II, Located in Port Lazarette
Life Sling	1	Horseshoe - throwable
Oil Discharge Placard	1	Above Companionway Steps
Radar Reflector	0	0
Signal Flares	4	Boat Bag
Swim Ladder	1	Detachable, Stainless Steel, Fairly New Located: Starboard Quarter Berth
Tool Kit	0	0
Vessel Documentation		In Back of Boat Book, on Navigation Station
VHF Radio	1	Electrical panel at Navigation Station
Winch Handles	2	Boat Bag