



Orientation Checklist for Akimbo 1987 Bristol 33.3

Updated: 08/16/20

This is a brief description of *Akimbo* systems, including on-board location of equipment, and specific procedures for engine operation. Please refer to this checklist prior to departing from the dock.

General

Accept risks only in a reasonable way. If you can, try to do the boat some good. Please report any damage, deficiencies or improvements to *Rick Lee (301-385-7906)* or *Andrew Medico (617-275-1963)*

- Ensure that the fuel level does not fall below ½ tank. Apply any previous donations for fueling. If re-fueling is not possible, leave a donation for the next re-fueling (in ship’s log book).
- Always pump out the holding bladder after your cruise so that the next guests will not begin their voyage with your waste on-board
- Record your voyage in the ships log book located in the Navigation Station desk. Upon returning, clean the boat and store the rescue sling; when departing, remove trash & personal belongings.

For further information, manuals and USCG document are stored in the Nav station

Specifications

USCG Document	906925	Hull #:	BTY-00003F686333
Year:	1987 Bristol	Engine:	Yanmar 3YM 30 - 29 HP
Displacement:	14,500 lbs.	Sail Area:	562 Sq
Mast Height:	47 ft.	Fuel:	36 gal.
LOA:	33' 3"	Water:	100 gal; 1 tank
LWL:		Batteries:	Port side; under aft cabin berth House battery on left Starting battery on right (New AGM's Jan 2020)
Beam:	11'	Waste:	20 gal. Plastic
Draft:	5'11"	Anchor	Mounted on bow / 20 ft chain +180 ft. rode



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| Check oil | Facing the engine the dipstick is located near top left side and marked with yellow tie wrap. Record level in logbook. If low, notify boat mangers. If below minimum do not use the boat |
| Check coolant | Facing the engine the overflow container is located near the top right. Extra coolant (red) is stored in starboard lazarette. |
| Check fuel | Akimbo does not have a fuel gauge. Fuel usage is tracked manually by monitoring the engine hours run
Be sure to record the engine hours run in the logbook. There is an hour meter mounted on the port side engine wall viewable from rear quarter berth |
| Check belt tension | If loose, notify boat managers |



Special Conditions or Information – Electrical & Instruments

- Shore Power cable is stored in port lazarette. To use make sure the breakers are turned off at dock power stanchion and main AC breaker are on nav panel are off. Then plug in boat end first, run to dock power and plug in. Once connected, turn on the circuit breaker at the dock power, then turn on the main AC breaker at the nav panel. Power indicator light should come on.
- Batteries/Switches the switch is above the nav station. 1 = House / 2 = Starting / Solar panel = Off
- DC Main breaker needs to be turned on to activate all other DC breakers
- Auto Bilge Pump switch is above Nav station
Should always be in the “Auto” mode.
- VHF Radio is above the Nav Station
- CD player/Stereo does work
- Chart Plotter Mounted in port side cabinet near Nav Station. Turn on the Garmin to get SOG readings on leftmost instrument panel gauge
- Depth Sounder Instrument panel mounted above companion way on cabin top
- Knot meter Instrument panel mounted above companion way on cabin top

Special Conditions or Information – Sailing

- Furling is available for the Genoa. To prevent the Furling Line from jamming in the furling drum, be sure to keep a bit of tension on the line as it is taken up in the drum during sail deployment. Observe that the line wraps evenly onto the full height of the furling drum.

Reefing (two settings) is available on the mainsail. Hook at gooseneck for each cringle. Reefing lines are on the starboard side of boom. There is a boom mounted winch to assist with reefing. Only use the locking winch handle when up on the deck.

- Mainsheet is at the binnacle in front of helm
- Topping Lift line is located at base of mast (white/red specks)
Outhaul line is on starboard side of boom (black/white specks)
- Boom Vang line is located near base of the mast
- Traveler is not available on Akimbo

Special Conditions or Information – Galley Stove

NOTE: Most boats are lost by fire. Be extra careful when using the galley stove.

The Stove is fueled by propane from a tank located on starboard stern.

- TURN STOVE ON: Open the propane tank valve. Then, switch on the circuit breaker marked “propane” at the nav station. Lastly, with lighter ready, turn on the stove knob for the burner and light it.

- **TURN STOVE OFF:** Before you turn the burner off, have someone in the cockpit turn valve in the storage tank lazarette OFF. Wait until the flame goes out, to empty the system, then turn off the burner and the nav. station “propane” circuit breaker. Please keep the tank valves closed and the “propane” switch off except when the stove is in use.
- Refrigerator - Works and can be used with shore power

Special Conditions or Information – Other

- Bimini is installed
- Fresh Water Supply shutoff valve is under V -Berth. Pump is under the galley sink with an input strainer installed.
- Hot Water is provided (to the Galley and Head sink faucets) via a heat exchanger. The engine must be running to supply hot water
- Manuals are in Nav Station desk
- Prop Walk is to PORT with engine in reverse.



Equipment/Supplies: USCG Required

Fire Extinguishers	(1) Under Sink in Galley (1) Starboard lazarette in cockpit
Flares	Starboard settee floor cabinet
PFDs (Type II) 3	Hanging locker or V-berth
Sounds (Air horn)	Port side settee shelf / along with winches

Equipment/Supplies: DSC Required

Anchor/Spare	In anchor locker at bow
Bilge Pump Handle	Top drawer at Nav station
Boat Bungs	Starboard settee floor cabinet
Boat Hook	Cockpit lazarette (starboard)
Bucket/Sponge	Cockpit lazarette (starboard)
Chart Book	Inside Nav. Station Desk
Deck Brush	Cockpit lazarette (starboard)
Deck Key	Second drawer under Nav Station
Dock Lines	Cockpit lazarette (starboard)
Dodger	N/A
Emergency Tiller	Cockpit lazarette (starboard)
Engine Coolant	Starboard lazarette
Engine Oil	Port side lazarette
First Aid Box	Starboard settee floor cabinet
Flashlight	Top drawer under Nav Station
Horn	Port side settee shelf / along with winches
Life Jackets (extra)	V- berth
Log Book	Nav. Station Desk
Portable Bilge Pump	Starboard lazarette
Radio VHF	Mounted above Nav. Station
Throwables	V berth
Tool Kits	Lower cabinet port side settee
Winch Handles	Port side settee shelf



Equipment/Supplies: DSC Recommended

Boat Manuals	Nav Station Desk
Boat Soap	Under galley sink
Chart Plotter	Installed in Port side cabinet near Nav Station
Dish-Cleaning Soap	Galley shelf
Garbage Bags	Galley shelf
Paper Towels	Dry storage bin on galley countertop (next to sink)
Rescue Sling	Hang on Stern Pulpit
Deck Key	Top drawer under Nav Station
Shore Power Cable	Port side lazarette in cockpit

Thru-Hull Locations

Engine Raw Water Intake	Under bilge access panel at base of companionway stairs on starboard side (Marked with tie wrao)
Engine Exhaust	On transom in center
Galley Sink Drain	Door below galley sink
Head Sink Drain	Head, access under sink.
Toilet Raw Water Intake	KEEP CLOSED – Use bottled fresh water for head (Under V-Berth)
Waste Bladder - Overboard Drain:	KEEP CLOSED – pump out only (Upper left cabinet in head)
Transducers (Depth / Sonar)	Mid ship cabin floor access near head door
Bilge	Stern

Deck Fitting Locations

Waste Bladder Pump-out	Port mid-ship
Fresh Water Fill Tubes	Two on starboard deck
Diesel Fuel Fill Tube	Cockpit floor near binnacle



Engine Operation

Engine Starting Procedure

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| Select battery | Turn battery switch to #2 (located above Nav Station) |
| Ignition Key | (hung on VHF Radio cord) |
| Check engine controls | Throttle is located on the starboard side of the binnacle in front of the helm. Gear shift is the black handle on port side between the binnacle and the helm. UP IS REVERSE; DOWN IS FORWARD. Ensure engine is in NEUTRAL |
| Start engine | No Glow Plugs on AKIMBO
Instrument panel is located on the starboard side of the cockpit near stern. Advance throttle slightly; Insert and turn ignition key to ON position; oil buzzer should sound. Turn key to START position and engine starts Check water flow at transom. |

Engine Shutdown Procedure

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| Stop engine | Press Black stop button on instrument panel. Oil buzzer should sound. Turn off key. Keep key in switch while sailing. |
| Battery | When finished with batteries, turn red battery switch in aft cabin to OFF and connect the solar panel |