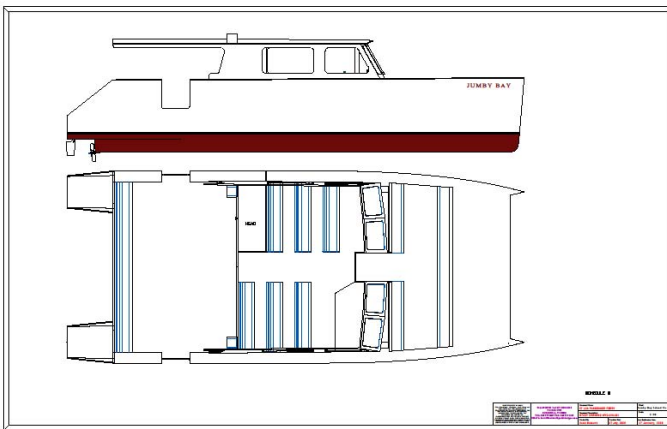


JB5 (JUMBY BAY) SUNCAT 57 GUEST SHUTTLE

DESIGN BRIEF

A highly efficient displacement catamaran that can be used for a variety of applications. She can cruise at 23 knots with a full load of passengers and consumes 16 gallons/hour. This specific vessel will be used as shuttle in Antigua.



SPECIFICATIONS

Length	57'
Beam	22'
Displacement	26,000 lbs
Passengers	49
Propulsion	2 x 305 hp
Fuel Capacity	300 gal.
Cruise Speed	23 knots
Full Speed	27 knots

STANDARD FEATURES

HULLS AND DECKS

Construction:

Hulls, decks, bridgedecks, roof and seats built of Corecell foam, glass and CPD epoxy resin using resin infusion and vacuum-bag processes. All primary structural components and amenities built using West System construction methods.

Exterior Finish:

- Alexseal polyurethane paint over Alexseal epoxy primer--commercial yacht finish

Paint & Graphics:

- All gloss white - Snow White
- 3 - Coats of Petit Trinidad bottom paint - Blue
- Graphics and stripes TBD. PURCHASER to supply logo vinyl graphics if any.
- Hull markings as per USCG minimum requirements.

DECK FITTINGS AND EQUIPMENT

Cleats:

- 6 - 12" Stainless
- 6 - 18" S.S. rub strakes

Lifrails/Posts:

- 2 - 1" S.S. cabin roof rails
- 1.5" aluminum roof posts as needed (4 shrt aft, 2 tall aft, 4 shrt fwd)

Deck Hatches/Doors:

- 2 – Bomar C41416 aluminum engine access hatches
- 4 – Bomar C42424 aluminum cargo access hatches (2 fwd and 2 aft)
- 1 - Lewmar 30 hatch for head
- 1 – Lewmar opening portlight for head
- 1 – Teak Isle door to head
- 2 – Boarding access doors
- 1 – Forward entrance w/ window
- 2 – Custom wet hatches aft w/ Bomar watertight hatches into sub floor.

Windows:

- 1 - 3/8" tempered glass helmsmans split window

Steering and Rudders:

- 40" Edson Destroyer wheel, Hynautic H-41 hydraulic pump, Teleflex HC rams in series driving Edson tiller arms.
- Solid bronze rudders on S.S. pipe w/ Vesconite bearings.

GROUND / MOORING TACKLE/FENDERS

- 1 - 22# Fortress anchor, 15'-3/8" chain and 200'-3/4" rode
- 4 - 50'-3/4" dock lines
- 4 - Scanmarin fenders
- Full length commercial duty plastic wood rub rail port and starboard

ELECTRICAL

- 2 – Icom VHF radios
- 1 – 4 1/2" Danforth Hi Speed Compass
- 1 - GPS
- 1 - Lightning rod dissipater
- 3 – Dynaplate ground plates
- 1 - Paneltronics DC electrical panel
- 1 - Port and starboard bow light, sternlight, steaming and anchor lights
- 1 – Manual operation roof mounted 12V search light
- 1 – 12V fluorescent light fixture for head
- 4 – 12V S.S. Dome lights for salon
- 1 – 12V Boarding light
- 2 – Vapor proof 12V lights for engine room
- 1 - 12V receptacle at helm station
- 2 – Hella fans in engine room

PLUMBING

(Piping):

- Water supply hosing is rigid PVC, nylon and reinforced vinyl. PVC and nylon fittings.
- 1 - Henderson MKV emergency manual bilge pump
- 2 - Rule 500 electric bilge pumps(engine rooms)
- 2 - High water bilge alarms(engine room)

Water Systems:

- 1 – 35 gal. polyethylene water tank w/ Jabsco Ultra Max pressure pump, accumulator and deck fill.
- 1 - Sink spigot

Heads:

- 1 – Jabsco Flush Back 12V marine toilet, w/ Marelon thruhulls and seacocks.

ENGINE

2 – QSB 5.9 305 hp Cummins diesels with ZF (TBD) straight drive transmissions, 26" 4 bladed fixed bronze props, 2" Aquamet 22 shaft, PYI shaft seals. ETS electronic controls, 6" Vernetone wet exhaust, (2) 150 gal. aluminum fuel tanks with fuel filters. Copper fuel lines. Elec fuel sender and gauges. Instrument panel w/ oil pressure, water temp, alarms, tachometers and engine hour meters. 4D Lifeline starting batteries.

ACCOMMODATIONS

- Head compartment w/ locking door sink and toilet.
- Fixed fiberglass deck seating
- Protective roof with roll down/roll up side windows
- Helmsman leaning rail

MISCELLANEOUS

Buckets, scrub brush, sponges, toilet paper holder

SAFETY EQUIPMENT

<u>QTY</u>	<u>ITEM</u>
2	GO-24-24" Ring bouy (orange) w/ bracket
65	Adult Type 1 PFD's
7	Child's Type 1 PFD's
6	Red hand-held flares
6	Orange smoke hand-held flares
2	10 lbs ABC (B II) Fire Extinguisher w/ holder
1	Watertight container (flares, flashlight & whistle)
1	Oil/Garbage discharge plaques
1	High water bilge alarm system
2	Fixed FE - 241 Fire System
2	3/16" Aluminum Fuel Tanks
2	Engine air intake closure