

## FLYING FISH SUNCAT 57 GUEST SHUTTLE

### DESIGN BRIEF

The SUNCAT 57 is a highly efficient displacement catamaran that can be used for a variety of applications. She can cruise at 20 knots with a full load of passengers and consumes less than a half gallon a mile at 27 knots. A true 'green machine'.



### SPECIFICATIONS

LOA	57'
Beam	22'8"
Draft	2'
Light Ship Displacement	16,000 lbs.
Heavy Displacement	26,000 lbs.
Engines	2 x 200 BHP Yanmar 4LH4
Cruise Speed	20 knots
Top Speed	26 knots
Fuel Capacity	300 gal.

### FEATURES

#### HULLS AND DECKS

##### **Construction:**

- Hulls, decks, bridgedecks, roof, cabin sides, windshield 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:**

- Awlgrip Polyurethane paint over epoxy primer--commercial yacht finish

##### **Interior Finish:**

- Awlgrip semi-gloss in cabin and bow interior areas.
- Light grey pigmented epoxy in engine and rudder room.

##### **Paint & Graphics:**

- Snow White hulls, salon, mast, boom
- Stripe colors determined by purchaser
- 2 - Coats of bottom paint (3 coats at waterline)
- Hull markings as per USCG minimum requirements. PURCHASER to supply logo vinyl graphics.

#### DECK FITTINGS AND EQUIPMENT

##### **Cleats:**

- 2 - 15" Stainless
- 5 - 12" Stainless

##### **Fairleads:**

- 2 - 7 3/4" Bow chocks

##### **Lifelines:**

- 39 1/2" welded aluminum port, starboard and stern deck life rails with 1/4 braided rope every 4".
- 1" Aluminum along stern

### ***Deck Hatches:***

- 2 - Lewmar Size 70 hatches
- 2 - Lewmar Size 60 hatches
- 4 - Teak Isle Starboard wet locker hatches
- 4 - Tempress utility hatches

### ***Windows and Doors:***

- 4 - Beckson opening ports
- 1 - Teak Isle powder coated aluminum entrance door
- 4 Fixed American Marine Mariner windows
- 6 opening American Marine Mariner windows

### ***Steering:***

- 32" Edson Destroyer wheel, Seastar hydraulic system to Edson tiller arm. Series hydraulic system with bypass valves for rudder adjustment.

### **GROUND AND MOORING TACKLE**

- 1 - 44# BRUCE, 15'-3/8" chain and 200'-3/4" rode
- 1 - 28# Deepset Danforth, 15'-3/8" chain and 200'-3/4" rode
- 4 - 50'-3/4" dock lines
- 4 - Scanmarin fenders
- 1 - Bow Anchor Roller

### **ELECTRICAL**

- 1 - Clarion XMD stereo with AM/FM/CD Controller with remote control. XM665 CD changer. 4 Bose Speakers
- 1 - Icom VHF w/PA, SWR meter, antenna and 2 PA horns
- 1 - 4 1/2" Danforth Constellation Compass
- 1 - Raymarine Knot, Depth
- 1 - Raymarine ST 6001 autopilot
- 1 - Raymarine Radar, Raychart and GPS w/7" C80 Display. 2KW Radar dome
- 1 - Lightning rod dissipater
- 3 - Dynaplate ground plates
- 1 - Paneltronics AC/DC electrical panel
- Gold Coast cross charging/starting battery switch system
- 3000 watt Inverter w/ 2- 8D Lifeline house bank.
- 1-Port and starboard bow light, sternlight, steaming and anchor lights
- 10 - 12V Interior light fixtures
- 4 - 12V S.S. Dome lights for salon

- 3 - 110V outlets
- 1 - 12V receptacle
- 2 - Hella fans in engine room

### **PLUMBING**

#### ***(Piping):***

- Water supply hosing is rigid PVC, nylon and reinforced vinyl. PVC and Quest fittings.
- 1 - Henderson MKV emergency manual bilge pump
- 4 - Rule 1100 bilge pumps
- High water alarms for each compartment

#### ***Water Systems:***

- 2 - 55 gal. water tanks w/ Shurflo pressure pump and deck fill.
- 3 - sink spigots
- Hose bib in each stern

#### ***Heads:***

- 2 - 110v Vetus electric toilets, w/ bronze thruhulls and seacocks.
- 1 - holding tank with mascerator pump and Y valve for deck pump out or overboard discharge.
- 1 - Maserator pump switches at elec panel

### **ENGINE**

2 - Yanmar 4LH4, 4 cylinder marine diesels, set for 200 hp. Morse controls and cables, Mastry instrument panel, with RPM, oil pressure, water temp, and engine hour meters, safety alarm, 55 amp alternator, (2) 150 gal aluminum fuel tanks, Vernalift wet exhaust, Yanmar flexible engine mounts, GRW Drivesavers, PYI shaft seal, 1.750" SS shaft, 24" x 24" 4 Blade Dynaquad bronze prop, 2-Optima (1000 CCA) starting batteries, engine room lights, 12V electric bilge pumps, engine access hatch with gutter

### **OTHER SAFETY FEATURES**

- 2 - Sunrise forward nets flush to deck
- 1 - Aluminum Stairway to the Sea forward
- Multiple watertight bulkheads and subfloor compartments

### **ACCOMMODATIONS**

- Two heads w/locking doors, sinks and vent on stern deck
- Storage shelving as per purchaser.
- 4 double berths
- Cabin seating with tables
- Stern deck seating with tables

- Galley with Teak bar top with icebox, storage cabinet and sink
- Protective roof over steering station
- Sunroof over stern seats
- Aluminum Radar/ antenna post
- Misc. teak trim on tables and counters

## **MISCELLANEOUS**

Buckets, scrub brush, sponges, toilet paper holders, winch handle holders

## **USCG CERTIFICATION**

- USCG plans approval, documentation, temporary USCG Certification [49 passengers, 3 crew (x2) Coastal 20 mile near shore route]. Stability letter. Consultation with your local OCMI to expedite final certificate. FCC Station Inspection and Safety Certificate.
- All required construction and safety equipment.