

PROBABILITY



PROBABILITY

SPECIFICATIONS

BUILDER	DELTA
BUILT/REFIT	1997/2019
LENGTH O.A. (M/FT)	122'/37.2m
LENGTH W.L. (M/FT)	109'/33.2m
BEAM (M/FT)	25'10"/7.9m
DRAFT (M/FT)	6'2"/1.9m
HULL MATERIAL	Hand-laid fiberglass construction using polyester resins
STATEROOMS	4
GUEST	8
CREW	4/6
CRUISING SPEED	12 KNOTS / 17 MAX

PRICE	\$8,975,000
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PROBABILITY

**YEAR/VESSEL
NAME** 1997/ 2019 PROBABILITY

DIMENSIONS

Length O.A.	122'/37.2m
Length W.L.	109'/33.2m
Beam	25'10"/7.9m
Draft	6'2"/1.9m
Gross	280 tons
Net	84 tons
Year Built/Builder	1997/ Delta Marine
Naval Architect	Delta Design Group
Interior Designer	Merritt-Knowles
Construction	Hand-laid fiberglass construction using polyester resins
Stateroom/Guests	4//8
Crew	4//6
Cruising/Max Speed	12kts/17kts
Type	Tri-Deck Motor Yacht
Flag	USA
Price	\$8,975,000

MACHINERY

Main Engine	2 x Detroit Diesel/MTU 16V2000 rebuilt in 2019 1800hp max 2300 RPM
Main Engine Hours	Port: 2400, Starboard: 2,400 (January 6, 2026) SMOH
Last Service	February 3, 2025 W3 @ 2131 hours
Gear Boxes	2 x Detroit Diesel model #DD6619SC with a ratio of 2.44:1
Shafts	4" Stainless Steel
Propellers	5 Blade Bronze Lips Kart Mang 40x40
Speeds	12kts/17kts
Range	2,500nm @ 10kts 600nm @ 16kts
Main Generators	2 x 65kw Phasor model #65-0-KW

PROBABILITY

Generator Hours	Electrical alternators driven by John Deere model #4045TFM85 4-cylinder turbo charged
Last Service	Port: 12,711, Starboard: 12,776 (January 6, 2026)
Electricity	Port-October 31, 2025 @ 12,710 hours T1 Service, Starboard- June 17, 2025 @ 12,574 hours T1 Service
Shore Power	120/240V system with 3-phase 60-cycle power
Batteries	Atlas shore power converter to convert power worldwide with seamless transfer
	4 House, 4 Main Engine and 2 Generator Batteries
	24V emergency & navigation power
	Ventilated battery banks
	2x Victron charging systems
Dive Compressor	1 x Brownies

TANK CAPACITIES

Fuel	7,845 gallons/ 29,697 liters in four fiberglass tanks
	Forward and centerline tank beneath guest accommodations - 2,695 gallons
	Aft centerline beneath master accommodations - 3,260 gallons
	2 Wing tanks port and starboard engine room - 945 gallons each
Water	1,600 gallons/ 6,016 liters
	2 x fiberglass tanks located in port and starboard lazarette with 825 gallons in each tank
Water Maker	2 x Watermakers Inc. 1,200 gallons/ 4,542 liters per day- 1,122 hours (January 6, 2026)
Last Service	#1 serviced @ 851 hours, #2 serviced @ 767 hours
Clean Lube Oil	1 x aluminum tank 60 gallon/ 227 liter capacity
Dirty Lube Oil	1 x aluminum tank 60 gallon/ liter capacity
Sludge Tank	1 x aluminum tank 40 gallon/ 151 liter capacity
Grey Water	150 gallons/ 568 liters
Black Water	285 gallons/ 1,079 liters
Steering System	2 x Hynautic steering cylinders, 2 x Hynautic electro-hydraulic power units
Rudder Angle Indicator	Simrad AP80
Thruster	American Bow Thruster (ABT) 85hp
Stabilizers	Quantum zero speed (Seals replaced October 2025)
Fuel Filters	2 x Racor fuel filters for each main engine
Bilge Pump	Teel Pump 1.5 hp
Sewage Treatment	Headhunter Marine Sanitation Device

PROBABILITY

WC's	9 domestic master flush 8740
Air Conditioning	4 northern lights technicold model cw72ct: 72kbtu 6 ton (Replaced March 2025)
Ventilation	Woods 5 hp Forced air ventilation

Safety and Security Equipment

Medical	Medaire Medical Bags and First Aid Kits
Alarm and Monitoring	Freetechnics FT NavVision BV locations in Wheelhouse, Engine Room and Crew Mess
Cameras	11 high definition IC Realtime cameras with app capability

Navigation Equipment

VHF Radiotelephones	2 Icom VHF
Crew Comms	5 handheld motorola UHF
Automatic Pilot	Simrad 70MK2
Follow Up	Simrad
Log	Furuno
Echo Sounder	Furuno
Radar	2 x Furuno
Chart Plotter	2 x Nobletec (each separate with its own PC system)
GPS	2 x Furuno
Satellite Compass	Furuno SC-702
Wind Instruments	B&G Aeromar
AIS	Furuno
Camera	Flir camera for night vision

Deck Equipment

Anchor Windlass	2 x Muir 5000 hydraulic windlass with Vickers AC electro-hydraulic power pack High pressure chain wash in each hawse pipe
Aft Warping Capstans	2 x Muir (1 port and 1 starboard)
Ground Tackle	2 x 135-kg polished stainless steel Poole N high holding power Navy sockless anchors housed in stainless steel lined anchor pockets

PROBABILITY

	1 x 500 ft of chain (new in 2025) and 1 x 350 ft of chain
Boat Crane and Davits	2 x nautical structures (1 port and 1 starboard on the boat deck) 3,000lb lifting capacity
Pasarelle	Fixed fiberglass passarelle located in storage unit
Searchlights	2 x ACR

Audio/Visual Entertainment Systems

Starlink	1 x Marine version starlink, 1 x RV version starlink
Direct TV	KVH
Main Salon	1 x Flatscreen TV, Apple TV, Direct TV, Starlink
Sky Lounge	1 x Flatscreen TV, Apple TV, Direct TV, Starlink
Owner's Cabin	1 x Flatscreen TV, Apple TV, Direct TV, Starlink
Guest Cabin	1 x Flatscreen TV, Apple TV, Direct TV, Starlink
Captain's Cabin	1 Flatscreen TV, 1 Monitoring system
Crew Mess	1 x Monitoring system, Flatscreen TV, Apple TV, Icom VHF Radio, Generator Monitor, tank sentry

Domestic Equipment

Main Galley	4 x Cosplich refrigerators serviced in October 2025
	1 x Subzero freezer
	2 x subzero freezer drawers
	1 x 4 burner Wolf induction stove
	1 x Wolf electric grill
	2 heating plates
	2 Gaggenau Ovens
	1 x Miele dishwasher
	1 x Marvel wine cooler
	2 x sink (one double sink with Insinkerator (new in 2025)
	1 x Delonghi coffee maker
	1 x Vitamix blender
	1 x Breville toaster oven
	1 x Panasonic microwave

PROBABILITY

Crew Mess

1 x LG Washer and Dryer located in Crew Mess
1 x Refrigerator
1 x Microwave

Main Deck

1 x Refrigerator
1 x Scotsman ice maker

Sky Lounge

1 x Refrigerator
1 x Scotsman ice maker

Jacuzzi Pool

Yes located on the Sun Deck

Ship's Safes

2 in Wheelhouse, 1 in Master stateroom

UPGRADES & WORK HISTORY

2025

4new 6-ton Air Conditioning Chillers installed
Increase the size of two thru-hulls to accommodate extra water flow for new air conditioning units
New exhaust on both main engines from Metcaf Marine Exhaust
New electronics in wheelhouse
Removal of stabilizers and replace seals
Installed new ice machine in lazarette and is now watercooled through the chilled water loop
New fabric on overheads in the master and guest staterooms, salon, dining, VIP and main deck hallway
Full polish on entire paintwork- multi step process
Varnish on all caprails
Refreshed bottom paint, propspeed and zincs

Listing Descriptions

Highlights & Key Features

HIGHLIGHTS & KEY FEATURES
• Exceptional Delta Marine pedigree — among the most respected U.S. superyacht builders

PROBABILITY

- Impeccable ownership & maintenance record supported by detailed documentation
- Twin MTU 16V2000 engines (2400 hrs. SMOH) in excellent condition
- Dual 65kW Phasor generators for redundancy and reliability
- Atlas Marine shore power converter for global compatibility
- Zero Speed Quantum Stabilizers for maximum comfort at anchor
- Tri-deck layout with expansive interior & exterior living spaces
- High end galley appliances including Gaggenau, Miele, and Sub-Zero equipment
- Four guest staterooms including forward main deck VIP and full-beam Owner's suite
- Excellent crew accommodations with dedicated mess & direct service access
- Robust mechanical platform with generous tank capacities and hydraulic redundancy
- Proven long-range cruising capability

General Vessel Description PROBABILITY is an exceptional example of the renowned Delta Marine 122' series—long considered one of the most reliable, intelligently engineered, and ocean-capable American-built tri-deck yachts in her class. What truly sets PROBABILITY apart is her impeccable ownership and maintenance legacy, documented extensively through detailed technical reports and survey materials.

Professionally maintained since launch, PROBABILITY has benefited from continuous mechanical care, consistent system upgrades, meticulous engineering oversight, and the type of long-term stewardship that is rare in today's brokerage market. Her engine room presents clean, organized, and professionally serviced. Her interior spaces show pride of ownership, and her systems throughout reflect a yacht operated to high standards.

Powered by twin MTU 16V2000 engines, supported by dual 65kW Phasor generators, Atlas Marine shore power conversion, Zero speed Quantum stabilizers and an intelligently designed AC/DC distribution system, PROBABILITY is purpose-built for serious cruising. Her tri-deck layout offers expansive guest accommodations, generous crew areas, and multiple outdoor lounging and dining spaces for extended passages or luxurious weekend escapes.

For discerning buyers seeking pedigree, reliability, and proven longevity, PROBABILITY stands as one of the strongest opportunities in the 120'–130' U.S.-built category.

Walkthrough

INTERIOR ARRANGEMENT

PROBABILITY

Probability's interior showcases exceptional craftsmanship throughout. In the salons and owner's areas, anigre and maple burl woods are elevated with chevron patterns, fine beveling, and deep chamfers that create a rich, architectural elegance. The guest staterooms feature beautifully coordinated maple and Birdseye maple, adding warmth and refinement to each private space. From curated modern art to the precise detailing that reflects a sophisticated owner's vision, every element has been thoughtfully crafted to deliver a timeless, luxurious interior experience.

Main Salon & Dining Area

The main salon and dining area span a generous portion of the main deck, creating an open, inviting setting ideal for relaxed gatherings or formal entertaining. Broad fixed house-side windows—each equipped with electric shades—wash the space in natural light and frame the surrounding views. Aft, stainless-steel-framed dual electric sliding doors with sidelights open seamlessly to the aft deck, enhancing the yacht's effortless indoor-outdoor flow. The main deck features full walkarounds to port and starboard, ensuring effortless circulation and enhanced privacy for owners and guests.

The formal dining area is positioned forward and is subtly separated from the main salon by a built-in console framed with twin decorative columns. The console houses storage cabinetry as well as the main salon TV on an electric lift. The dining table features a finely finished wood surface with seating for eight. Varnished wood consoles beneath the windows provide elegant storage for china, crystal, and silverware. To port, a dedicated entry foyer with marble tile soles connects the salon to the exterior port side deck via a large dogged and gasketed door. Opposite the entry is a mirrored art display niche with drawer storage.

Starboard Guest Entry Foyer

The starboard guest entry foyer is located starboard side on the main deck forward of the salon and dining area. The starboard guest entry foyer is entered on deck via a private guest entry door. Below the windows are built-in storage cabinets with a marble countertop buffet. Located all the way forward is entry into the VIP stateroom. Forward inboard is entry into the galley via a sliding pocket door. Forward midships is entry into the day head. The day head has a marble countertop vanity with undermount sink, mirrored wall, head, and granite tile soles. Aft of the day head is a hanging locker and storage locker. Inboard and midship are carpeted curved stairways going up to the sky lounge and down to the guest foyer.

VIP Stateroom (Full Beam Main Deck)

The main deck VIP stateroom is positioned fully forward, offering exceptional natural light and a private, spacious layout seldom found in yachts of this size. Entry is aft of the centerline berth, which is arranged fore and aft against the forward bulkhead and flanked by twin nightstands with dedicated reading lamps. Storage drawers are integrated beneath the berth.

Large, fixed hull-side windows with electric shades illuminate the space, providing sweeping views and a bright, open ambiance. To starboard are built-in chest of drawers and matching cedar-lined hanging lockers, offering generous wardrobe and personal

PROBABILITY

storage.

To port is the entrance to the VIP en-suite bathroom. This elegantly finished space features a marble countertop vanity with undermount sink, mirrored medicine cabinet, head, and a fully enclosed shower with bench seating and a frameless glass door. The bathroom is completed with marble tile soles.

Entertainment amenities include a Samsung 26" LED TV paired with DIRECTV satellite service, a Blu-ray DVD player, and Apple TV with music server integration.

Guest Area Foyer

The guest foyer is accessed via a curved staircase leading down from the starboard main deck entry. At the forward end of the foyer are entrances to the port and starboard guest staterooms, while the aft passage leads directly to the owner's stateroom. Storage closets are located along the port side; the forward closet contains an electrical panel for the guest accommodations, and the aft closet houses the washer and dryer. Across from the laundry unit is a small linen closet for convenient guest-service storage.

Master Stateroom (Full Beam)

The full-beam master stateroom is situated aft on the lower deck, offering exceptional volume, comfort, and privacy. A centerline king-size berth is positioned fore and aft against the aft bulkhead, flanked by built-in nightstands and dedicated reading lamps. Storage drawers are incorporated beneath the berth for efficient use of space.

Polished stainless-steel dogged and gasketed portholes line both hull sides, each fitted with deadlights and concealed behind electric shades. Below the windows, matching built-in dressers provide generous storage, complemented by an office desk to port and a vanity/make-up desk to starboard, complete with a flip-up mirrored lid. Each workstation includes a loose chair for versatility.

To port and starboard, there are entrances to the spacious his and her bathroom including a granite-top vanity with an undermount sink, mirrored medicine cabinet, and marble/granite surfaces creating a refined, spa-like environment.

Entertainment in the master stateroom includes a 40" Samsung LED TV paired with a DIRECTV satellite system, Blu-ray player, and Apple TV with server integration.

Starboard Forward Guest Cabin

The starboard forward guest cabin features a full-size berth arranged athwartships off the hull side, complemented by twin nightstands with reading lamps. The hull side includes twin polished stainless-steel dogged and gasketed opening portholes with deadlights, finished with interior shades.

Aft is the entry to the en-suite bathroom, fitted with a Corian countertop vanity with undermount sink, dual mirrored medicine cabinets, a head, and a glass-enclosed shower.

Entertainment amenities include a Samsung 26" LED TV with a CCC Control Mini iPad

PROBABILITY

touchscreen interface connected to the DIRECTV satellite system, a Blu-ray DVD player, and Apple TV with server capability.

Port Forward Guest Stateroom

The port forward guest stateroom is configured with two single berths in an athwartships arrangement off the hull side, each accompanied by a nightstand and reading lamp. The hull side includes a polished stainless-steel dogged and gasketed porthole with deadlight and interior shade. The stateroom feels exceptionally spacious, offering a calm and comfortable retreat.

Inboard is a desk with stool and two cedar-lined hanging lockers. A built-in chest of drawers is located outboard and aft, offering additional storage.

Entertainment is provided via a Samsung 26" LED TV with a CCC Control Mini iPad touchscreen interface integrated with the DIRECTV satellite system, a Blu-ray DVD player, and Apple TV.

CREW AREA

The crew area is located all the way forward on the lower deck. It is accessed via a curved stairway down from the galley. In the stairway opening is a stainless-steel handrail. At the bottom of the stairway is the crew lounge.

Crew Lounge

The crew lounge has an L-shaped built-in settee starboard side forward on a raised platform. At the settee is a Corian countertop table on twin pedestal mounts with slides. At the table are two barstools. In the hull side are a pair of polished stainless steel framed dogged and gasketed opening portholes with deadlights. Starboard side aft is a small galley area. The galley has Corian countertops with stainless steel undermount sink, filtered water tap, and Insta-Hot water tap. There are upper and lower storage cabinets and drawers. Inboard is a laundry center with LG Think Q stacked washer and dryer.

Along the port wall at the bottom of the stairway into the crew lounge is a HP Monitor 24" for the CCTV camera system. Entertainment is provided to the crew lounge via an iPad and flatscreen TV. Port side aft is an entry into the captain's cabin. 32" Samsung Flatscreen TV.

Captain's Cabin

The captain's cabin has a double berth in a fore and aft arrangement along the hull side. At the berth is a reading lamp. Below the berth are storage cabinets and drawers. In the hull side is a polished stainless steel framed dogged and gasketed porthole with deadlight. Inboard and aft is a desk with a chair. 19" ships monitor screen, 32" Samsung smart TV.

Crew Cabins

The crew cabins are forward one to port and one to starboard. Each cabin has double bunks with en-suite bathrooms, headlamps and portholes for natural light.

Sky Lounge

PROBABILITY

The sky lounge sits aft on the upper deck and serves as one of the yacht's most inviting social retreats. Accessed via a carpeted curved stairway from the starboard main deck guest entry, this space opens up beautifully as you ascend. Large, fixed windows line the house sides, filling the lounge with natural light and offering sweeping views—perfect for sunset cocktails, movie nights underway with a 65" Samsung flatscreen TV, or quiet mornings with a book.

Forward to starboard is the entry to the wheelhouse, while the port side hosts a comfortable sitting area with two couches and a glass-top coffee/cocktail table—an ideal spot for conversation, board games, or simply taking in the horizon. A conveniently located day head is adjacent, featuring a granite vanity with undermount sink, mirrored wall, teak-and-holly soles, and head. The teak and holly floors on this deck have all been refinished.

Along the starboard aft section is a fully appointed bar with a granite countertop and stainless-steel drink refrigerator. Additional amenities include a Scotsman bin-type ice machine, a Scotsman drink refrigerator, and custom cabinetry for glassware and service storage, making this a natural gathering spot for evening entertaining.

Wheelhouse

The wheelhouse is located all the way forward on the upper deck. The wheelhouse has a 5-paneled raked windshield forward. Each panel has a windshield wiper with wash. There are fixed windows port and starboard. There is approximately 270° of visibility. Just behind the helm there are 3 adjustable helm chairs with arm, foot, and backrests. In the wheelhouse to port is an office area for the captain. All navigational electronics within this command center have been fully updated and modernized.

EXTERIOR LAYOUT

Approaching PROBABILITY, you're immediately taken by her commanding profile and the meticulous care evident in her gleaming paintwork and polished stainless detailing. Boarding is effortless from both port and starboard sides, with dedicated entry points forward and aft. Wide, full walkaround decks allow guests to move comfortably and privately throughout the vessel, while thoughtfully designed separate entrances maintain a seamless division between guest and crew circulation.

Aft Deck

Centerline on the aft deck is a pedestal-mounted varnished teak table with seating for eight—an ideal gathering place for relaxed meals and unforgettable moments at anchor.

From this vantage point, guests can watch friends and family enjoy the yacht's full suite of water toys, dive into the ocean from the expansive swim platform, or simply take in the action unfolding around them. Protective covers are provided for the table and folding deck chairs to keep everything pristine.

Forward to port, a welded stainless-steel ladder with teak treads leads up to the boat deck above, ensuring easy movement between the yacht's most social spaces.

PROBABILITY

Swim Step

The teak overlay decks of the swim step are protected by removable stainless steel hoop style handrails. There are stainless steel pop-up tender cleats provided. A removable powder coated aluminum swim ladder seen stowed in the lazarette can be fitted to sockets in the swim step. The swim step is accessed via transom steps port and starboard with teak treads, stainless steel handrails and deck level lights port and starboard from the aft deck. In the starboard companionway is a handheld shower.

Boat Deck

Aft of the sun lounge, the boat deck is finished in painted non-skid and enclosed by a waist-high boxed bulwark, providing both security and comfort. Aft, lounge chairs invite sun-soaked relaxation, while forward a stylish banquette with dining table creates an ideal setting for al fresco dining. Automatic doors open to the interior lounge, allowing for a seamless indoor–outdoor flow ideal for entertaining.

To port and starboard, twin davits with tethered remote plugs and emergency stops support effortless deployment of the tender and personal watercraft. Once the tender is launched, the centerline area transforms into a generous open deck—ideal for lounge chairs and flexible guest use.

Flybridge / Sun Deck

The flybridge deck is an exceptional place to unwind—whether you're soaking in the hot tub at anchor, enjoying cocktails at the bar, or taking in the sweeping views of the ocean from the elevated deck. Painted non-skid decks provide a safe, comfortable surface throughout, while a frameless dark-smoked Plexiglas windshield offers protection from the breeze without interrupting the panoramic views.

On centerline, a fully instrumented helm station with polished stainless-steel fittings provides commanding visibility. Port and starboard wing stations feature Stidd upholstered helm chairs on adjustable pedestal mounts, each with adjustable foot, arm, and backrests for total comfort while navigating or simply enjoying the ride. A cushioned bench seat forward of the helm offers additional lounging space, with storage beneath for water toys and personal flotation devices.

The flybridge is fitted with cushioned seating, marine stereo speakers, and soft flush-mounted overhead lighting, creating a warm and inviting ambiance from sunrise to starlit evenings. A removable stainless-steel ladder provides access to the arch, where the mast and equipment are mounted atop a non-skid surface. Whether you're underway or anchored in a quiet cove, this sun deck serves as one of the yacht's most vibrant and unforgettable gathering spaces.

Bow

Forward, the bow features a thoughtfully designed seating area, offering guests a comfortable vantage point to take in harbor approaches and preview the sights of each new destination.