



"ZYTIRON" 50 T

SPECIFICATIONS

THIS 50-FOOT, 11, K-LB, TWIN-GAS TURBINE, LUXURY, HIGH PERFORMANCE, VEHICLE IS THE SAFEST, FASTEST, MOST ADVANCED, MOTOR YACHT ON THE WATER BAR NONE. Built in the US. Everything is included for comfortable, high-performance entertaining, and cruising.

SAFETY: Fully awash floatation exceeds USCG Requirements. Engines, fuel, ac units, batteries, and their associated noise, heat, and safety concerns are located outside the main hull (aircraft style) in the interchangeable engine modules.
FIRE FIGHTING: Exceeds USCG requirements. **HULL:** Length: 50', Beam: (foils retracted 12' 9"). **DRAFT:** 18" Static, 18" running. **CONSTRUCTION:** Carbon fiber epoxy (CFE) composite. **STABILITY:** "locked in" rail like stability that increases with speed. **WILL NOT BLOW OVER OR KITE.** **ENGINES:** Twin, High output, gas turbine engines, 3000 + hp ea, x 2 = 6000+ hp. **SPEED:** Cruises comfortably at 70 MPH. Top speed - 20% better than equal (size / power) catamaran or "V" hull. **FUEL:** Jet "A", Diesel, or Kerosene, Two (2) tanks, 200 gallons each X 2 = 400 gallons US. **DRIVE SYSTEM:** Hydrofoils Inc, adjustable, oil lubed, water-cooled, shafts, driveline, "V" drives. **FOILS:** Inherently stabile, supercavitating, self-clearing foils (will not trap debris or rope) **CONTROLS:** Electric / hydraulic, automatic pitch, yaw, roll, and height off water. Easy to operate, does not need to be flown. **GALLEY:** sink (salt and fresh water), microwave, and cooler. **FRESH WATER SYSTEM:** Two (2) tanks, 50 gallons each X 2 = 100 gallons US, engine hot water heater, 110 V electric hot water heater. **HEAD:** Electric, sink, shower, holding tank. **AIR CONDITIONING:** Two (2) marine air conditioners, heat reverse cycle. **ELECTRIC:** 12 V and 110 V, 50 amps. Inverter / charger, 12 V / 110 V 60 cycle. **LIGHTING:** Searchlight, navigation lights, anchor lights, high flood docking lights, cockpit and cabin lights (direct and indirect), chart light, engine compartment lights, six (6) cigarette lighter sockets. **ELECTRONICS:** a. NAVIGATION: Computer, radar, E-Charts, GPS, high speed compass, depth, VHF marine radio, Loud hailer fog /pa/intercom, horn, two (2) cameras for (docking, entertaining, security, trip recording), two (2) flat screen plasma displays. b. ENTERTAINMENT: Full stereo sound system, Six (6) speakers, AM, FM, CD (w/ changer), Tape player, TV, marine stabilized antenna, DVD, VHS.

ESTIMATED SPEED- BY WIND & SEASTATE: Speeds are best planed similar to rail, bus, or auto at approximately 60 - 75 MPH

BEAUFORT #	WIND SPEED in MPH	WAVE HEIGHT in FT	SPEED in MPH
0	<1	GLASS	100+
1	1-3	1/2	100+
2	4-7	1	85+
3	8-12	2 1/2	75
4	13-18	4	35
5	19-24	5	15 displacement
6	25-31	15	in port
7	32-38	20	in port
8	39-46	25	in port

HURRICANE CATEGORY #	WIND SPEED
ONE.	74-95 mph (63-82 kts).
TWO.	96-110 mph (83-95 kts).
THREE.	111-130 mph (96-113 kts).
FOUR.	131-155 mph (114-135 kts).
FIVE.	Greater than 155 mph (135 kts).

REFERENCE

Note: A "major" hurricane is one that is classified as a Category 3 or higher.