



SPECIFICATION OF DELIGHT 47

PRINCIPAL PARTICULARS

LENGTH OVERALL	:	47' 1"	14.35 m
LENGTH WATERLINE	:	44' 2"	13.45 m
BEAM (excl. rubrail)	:	13' 6"	4.12 m
DRAFT	:	3' 9"	1.14 m
DIPLACEMENT	:	29.000 lbs	13.15 t
ENGINES	:	2 x YANMAR 6LY3-STP 324 kW / 440 HP @ 3300 rpm	
GEARBOX	:	KMH61A (2.43:1)	
SPEED, MAX.	:	28 knots	
SPEED, CRUISE	:	22 knots	
FUEL CAPACITY	:	1900 l	500 gal.
WATER CAPACITY	:	500 l	132 gal.
HOLDING TANKS	:	145 l	38 gal.
GENERATOR	:	ONAN 9 kW	
BUILDER	:	TAKA Yat San. ve Tic. Ltd. Şti.	
DESIGNER	:	O.T. Kalaycıoğlu	
CE CERTIFICATION	:	Class B (Turk Loydu)	

CONSTRUCTION:

- Cold – molded Khaya-epoxy planking (4 layers, 18 mm sides, 22 mm bottom), sheathed with E-glass cloth and epoxy (SP Systems); two layers on the keel.
- Laminated keelson, girders/engine beds, chine battens, deck clamps, Iroko and epoxy; all epoxy filleted; laminated Iroko floors.
- Plywood bulkheads and half bulkheads scarph-joined for width and epoxy filleted to the planking. Main bulkheads will also be bonded with biaxial E-glass tapes.
- Decks will be two layers of 6 mm marine plywood, epoxy glued.
- Deckhouse will be plywood with an inner skin of mahogany to be varnished. Exterior will be E-glass cloth and epoxy (SP Systems) sheathed.
- V-groove routed plywood overhead panels.
- All exposed wood surfaces will be sealed with epoxy.

EXTERIOR AND INTERIOR JOINERY:

- Varnished Sipo mahogany transom.
- Mahogany molded and laminated edge toe rail on deck.
- Hull rubrail at deck line (sealed with two coats of two part PU varnish).
- Cockpit exterior joinery work, inside of cockpit coamings varnished mahogany.



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- Varnished mahogany handrails on cabin top and pilothouse roof.
 - Fiddles of varnished mahogany for cockpit seats.
 - Double layer plywood superstructure.
 - Varnished forward bulkhead in cockpit.
 - Dashboard clear varnished wenge veneer.
 - Mahogany cockpit door.
 - Deckhouse trim battens in mahogany.
 - Laid teak on cockpit sole.
 - Removable laminated Iroko, E-glass cloth and epoxy (SP Systems) sheathed swim platform with teak grating inserts.
 - Lazerette and engine room hatches.
 - Transom door for access to swim platform from cockpit.
 - GRP anchor well and lid.

INTERIOR FINISH:

- Interior paneled doors in mahogany.
- Structural bulkheads paneled in classical style to be painted.
- Cabin sole mahogany honeycomb sandwich removable panels with a Wenge trim. Fixed with quarter turn stainless hardware.
- Seat fiddles and countertop fiddles varnished mahogany to match furniture satin finish.
- Head door, locker doors, drawers, shelves, overhead trim, all PU varnished.
- Overhead in cabin and coachroof vee joint painted.
- Head bulkheads plywood E-glass cloth and epoxy (SP Systems) sheathed & painted.

GALLEY & HEAD:

- Galley and heads vanity surfaces Corian.
- Electric stove.
- Microwave / Combi oven.
- 4.5 cu.ft. built-in refrigerator 24 V DC.
- Deep SS sink in galley.
- Round SS bowl-type sinks in heads.
- Chrome taps and accessories.
- Chrome showers in heads.
- Epoxy-glass shower pans with composite board.
- Solar powered 3" Nicro SS vents (3 off) above heads & galley, Marinco – A.F.I.



PROPULSION AND STEERING SYSTEMS:

- Twin YANMAR 6LY3-STP, 440hp @ 3300 rpm, 6 cylinder, in-line, water cooled electronic marine diesel engine.
- SS mounting brackets on engine beds.
- Digital instrument panels with L.O. pressure gauge, C.W. temperature gauge, battery not charging alarm and tachometer with hour meter.
- Yanmar KMH61A (2.43:1) reverse-reduction gearboxes.
- Water-lubricated duplex SS tail-shaft, Ø50 mm diameter; supported by two Duramax non-metallic cutless rubber bearings, one in GRP sterntube inner end and one in welded SS P-bracket bolted to hull strengthened from inside .
- Nibral, 4-blade fixed pitch propeller with anti-singing edges .
- Self aligning shaft seals fitted to each sterntube, Ermaksan.
- Elastic mounts (4) fitted under engine and gearbox.
- Bow thruster Side-Power SP95T, 8 HP.
- Custom grp axial waterdrop silencers.
- Wire reinforced marine, heat resistant wet exhaust hose (6").
- Racor® fuel filters to each engine.
- Kobelt wire type engine controls.
- Ultraflex hydraulic steering with 14" diameter polished SS destroyer type wheel, hand pump (UP39) and hydraulic 9" stroke cylinder (UC215-I).
- Custom SS spade rudders with SS housings.
- 36"x9" dual piston hydraulic trim tabs, 24V DC with Trimindicator kit.
- Spurs rope cutters fitted between each propeller and P-bracket.

MECHANICAL AND PLUMBING:

- Custom SS or aluminium fuel tanks with handhole clean out cover and level gauge.
- Custom polyethylene water tanks with handhole clean out cover and level gauge.
- Custom polyethylene holding tanks with handhole clean out cover, level gauge and deck pumping arrangement.
- Two Jabsco 24V heavy duty exhaust blowers for engine compartments.
- A1 & A2 quality fuel hose with Class and CE approval (European Community) with high pressure fittings will be used for fuel pressure and return lines. There are fuel shut-off valves at the tanks.
- Hull penetrations with brass fittings and ball valves.
- Multi-ply hoses with spring wire insert.
- All hose connections double clamped with SS clamps.
- Guidi chromed bronze sea water strainers.



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- Tank air vents to atmosphere via sheerline fittings.
 - Flojet 24 V DC fresh water pressure pump with accumulator or equivalent.
 - Jabsco 24V DC shower drain sump pump or equivalent.
 - Jabsco 24V DC discharge pump or equivalent.
 - Superflush or Tecma marine toilets.
 - Odorless black water and gray water sanity hose.
 - Three Rule 2000, 24 V DC bilge pumps and switches.
 - Whale Gusher 10 manual bilge pump.
 - Pressurized SW package (anchor well, cockpit).
 - Hot water heater 60 l.
 - Air conditioning 16,000 BTU in deckhouse and two 5,000 BTU in cabins.
 - Air horn.

DECK & EXTERIOR FITTINGS: (To be of highly polished 316L SS unless stated)

- Whitecap Industries 400 mm hollow base cleats or equivalent: 2 aft + 2 forward.
- Forward toerail custom fairleads, port and starboard.
- Custom folding anchor launching arm equipped with roller.
- 2 x Flush folding deck eyes for fenders (Wichard).
- 2 x Pop-up spring cleats 10" (Accon or equivalent), midships port and starboard.
- 2 x Diesel deck fill plates 2", P&S (Whitecap Industries or equivalent).
- Water deck fill plate 1 1/2" (Whitecap Industries or equivalent).
- 1 x Holding tank pumpout fitting, plastic.
- Chromed bronze or SS flush deck scuppers, 4 in cockpit.
- Tapered varnished teak flagstaff 5'x 2" with SS heel and socket fittings.
- SS removable swim ladder.
- Transom edges clad in SS.
- Six Lewmar opening SS portlights with screens.
- One SS Nemo hatch on main cabin top.
- Solar powered 3" Nicro SS vent above guest cabin, Marinco – A.F.I.
- Two SS Nemo hatches on the pilothouse top, port and starboard over the helm and companion seat.
- Six custom SS air intake cowls on house sides.
- Two custom SS air exhaust outlets cowls on aft deck.
- Swim platform SS brackets.
- SS guard on deck rubrail and swim platform side.



EXTERIOR OUTFIT:

- Quick 1200 W or equal polished chromed bronze automatic freefall 24V DC electric windlass.
- Windlass, anchor and anchor arm hidden in a well under a hatch forward. All polished SS
- Galvanised Delta (35 lbs, 16 kg) anchor.
- Galvanized marine grade chain 70 m x 10 mm (=3/8")
- Windlass controls by a deck switch and a helm station remote toggle switch.
- Forward railing of Ø28 mm polished SS tubing with Ø25 mm supports and middle wire.
- Engine box covers with SS gas rams.
- Tempered (8 mm) clear glass. Deck house forward windshields and side windows.
- Thermal and acoustical insulation throughout and in engine compartments.
- SS windshield wipers with fresh water wash.
- Hot and cold cockpit shower.

CUSHIONS & COVERINGS:

- Dacron waterproof cockpit cover attached with snaps.
- Dacron searchlight and horn covers.
- Windshield and side window covers with snaps.
- Cockpit cushions closed cell foam, Sunbrella covered.
- Sunbrella upholstery helm seat.
- Bunk mattresses 150 mm foam.
- Sunbrella bunk cushion covers.

DECK EQUIPMENT (OWNER SUPPLY):

- Four 15 m x 16 mm nylon 8-plait lines with spliced eyes and one 30 m x 20 mm plait nylon with spliced eye.
- Eight, 12" diameter inflatable white fenders.
- Boat hook.
- Spare anchor and rode.
- Life raft stowage on aft deck.



ELECTRIC SYSTEM AND EQUIPMENT:

- One 12V and one 24V alternator on the engines.
- 240V, 50 Hertz, AC current.
- Spare cabling runs for AC and DC.
- 24V DC current.
- Inverter 2.5 kW.
- Battery charger, 80A.
- Generator, Onan or Kohler 9 kW 1500 rpm 50hz (45 A).
- Custom SS mounts under resilient mounts.
- Generator instruments: Oil press gauge, temp gauge, amp meter, volt meter and hour meter.
- Multi-strand copper tinned wire CE approved multi insulated.
- DC interior and exterior lighting.
- AC duplex outlets with Earthleakage protected circuit breakers, 5 in cabins and 1 in the engine compartment
- Maintenance free service batteries 600 Ah.
- Maintenance free engine & generator batteries.
- Gel type bow service (bowthruster & windlass) batteries.
- Battery paralleling switch.
- Shore power isolation transformer.
- Metallic shore power inlet (50 A, 125/250 V, 3 pole 4 wire)
- Automatic fuse switchboard for AC.
- Automatic fuse switchboard for DC.
- Grounding plates, Newmar.
- Bonding system.
- LED navigation lights chrome, Aqua Signal.
- LED chrome anchor light, Aqua Signal.
- Chrome cockpit foot lights and cabin foot lights, Aqua Signal.
- Interior chrome finished spot cabin lights, Aqua Signal.
- Interior chrome finished reading lamps, Aqua Signal.
- 12 Volt outlet.
- Switches at reading lights.
- Bilge alarms and auto-manual select switches for bilge pumps.
- Handheld search light socket.
- Aft deck flood light on mast.
- Engine compartment lights.



ELECTRONICS and ENTERTAINMENT EQUIPMENT:

- Ritchie Globemaster 5" card magnetic compass with light, black, 2° dial with points or equivalent.
- Simrad or Raytheon Radar/GPS-Chart Plotter/Depth Sounder or equivalent.
- Simrad or Raytheon 650 Autopilot complete or equivalent.
- Simrad or Raytheon Ray 220 VHF with class D DSC or equivalent.
- Sony (or equivalent) FM radio and CD player stereo, 4 waterproof speakers.
- Wind instrument (speed+direction).

INTERIOR OUTFIT:

- Chrome locks, handles, latches, etc.

PAINT AND FINISHES:

- Hull is International Midnight Blue.
- Boot top stripe is Ivory.
- Bottom Anti-fouling is Red.
- Superstructure is International Ivory.
- Deckhouse and coachroof tops International Ivory.
- Deck Light Beige nonskid with Ivory gloss trim.
- All other exterior mahogany PU gloss varnished over SP320 clear epoxy.
- Cockpit and swim platform gratings bare teak.
- Bilges and non-accommodation areas clear SP320 epoxy sealed.
- Interior PU light Ivory satin matte lacquered.

05.05.2011
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