

Wings Data, ver 45 3 April 2016

1. Vessel Number: PYK400781084 (hull # 78, delivered in October, 1984.)
LOA: 39 feet, 5 inches, LWL: 33 feet, 5 inches, Beam: 12 feet, 8 inches
Draft: 5 feet, 9 inches, Displacement: 24,000 lbs.
Ballast: 8500 lbs of iron debris in keel.
USCG Documentation: 954289, MMSI: 367349310
2. Engine: Nanni Diesel (Mercedes Benz 4.180 or OM636)
Model Number: 636016-1301, DR 5 HD; Serial Number: 55963
Impeller on salt water pump: (Johnson B-130 pump), Jabsco Profile K 1210-0001-P (first choice), Johnson 1027-B, also Johnson 09-1027 B-1
Racor Primary Filter for 500FG; filter element Racor 2010PM (30 microns), Fram C11860Z, or NAPA 3794 (30 micron)
Fuel Line: 5/16" inside diameter
Secondary Fuel Filter: NAPA 3167 (16 micron), Wix 33167, Baldwin PF-834 or F834-F , M Benz #926901 or 2457010001-896, Bosch # 74016, Deutz Q05H-4115, Fram C11860PL, Purolator F50453, Nanni 652307, Fleetguard FF146, WIX 33167
Oil Filter: Fram PH16, NAPA 1085, Baldwin B163.
Heat Exchanger: Bowman MB 180, Radiator Cap:
3. Transmission: Hurth ZF 15 M, A = 1.88, B = 1.95, S/N 46195
Serial Number: 56195, Part Number: 330602004
ATF: Dextron 4, non synthetic or blend but NOT total synthetic!
4. Alternator: Balmar 71-80, Balmar MC-614 regulator. Alternator Belt: 31/64" wide, 45-3/8" long. 12.5/13 mm wide, 1150 mm long, NAPA 25-9451. Alternator Bolts: M8-1.25 120MM long with Nylocks
5. Flexible Coupling – 4" dia, 4 bolts, 0.39 hole dia, 3.25 bolt circle dia, 4.5 coupling dia, 1.28 coupling length, 10MM coupling bolt dia, 5 hp/100 rpm WM 3684883, R&D Marine 910-001
6. Propeller: PYI MaxProp 16 inch variable pitch prop, 70 mm zinc Martyr CMMP70R, 1-3/4" high, 2-5/8" OD, Zinc Screws: 5mm x 0.8mm x 20mm long
Propeller shaft: 1-1/4 inch diameter, Stern Tube: 2-1/4 inch diameter.
MaxProp settings: X=C, Y=K
Spinner screws: 6mm dia. X 1mm.
Buck Algonquin Stuffing Box BUC/PB125, 1/4 inch flax stuffing. Shaft 1.25" dia, 3.925" circ.
7. Water: 140 gallons (starbord/port 70 gallon tanks) Fuel: 120 gallons (70 starboard, 50 port)
8. Running Lights: Aqua Signal housings. Bow AquaSignal NK77 A16, TD40 25W
Bulbs: Dr. LED LEDs. No replacement needed.
Masthead (steaming) light: GE 1416 (standard Forespar bulb, spares in boat shops)
Spreader light (same fixture as masthead light) is LED.
Compass light: GE 1487
Galley: West Marine Bi-Color Platinum Series 12" LED Rail Light, White/Red 12642625
Berth Reading: 12 V, 15 W, Dr. LED LED replacement.
Dome lamps: G4 halogen, 2 each, all white except nav station with red G4.
9. Sails: 2009 Neil Pryde Cruise Plus 125% Genoa - 9.4 oz. dacron, UV Cover (Capt. Navy Sunbrella), Multi-Track foam luff pad, Tradewind Spec's, Up and Over leechline, Cruise Plus Mainsail 9.18 oz. Dacron, 3 reefs, full battens, Tradewind Spec's, Up and Over leechline, ETN Gale Sail, 150% UK jib. Harken Roller Furl: MK III Unit 2 (2013), torque tube screws M8X1.25X16 A4 Socket Cap, Clamp screws M8X1.25X35 A4 Socket Cap, #06 foil set-2/2.5 furler Mk II/III, #7 Furler Unit-2 MK III W/O Foils
Mast Color: AwlGrip Insignia White, Strong Sail Track and Slides: R7, 46.5', 4 ea. #200A slides, 1 ea. #401 slide, 1 ea. #500 slide, 10 ea. of the #600 slides.
Main: I = 50.75', J = 15.8', P = 45.1', E = 16.08', Mainsail leech = 48.0'

- Genoa - Luff = 50.1', Leech = 44.1' Foot = 22.25'
8. Outboard: Mercury 2-cycle 5.0 horsepower, purchased STH, Papeete, Tahiti
Model Number: 1005201HK; Serial Number: 1B653379
Propeller: Black Max 7.8 X 7, Mercury P/N 812949002. Can also use 7.8 X 6, 7, or 8
Spark Plug: NGK BPR7HS-10 or BP7HS-10
Fuel Oil Mixture 1:50 oil to gasoline. TC-W3, 2-Cycle oil.
Internal 2.5L and external tank 12L
Mercury/Quicksilver gear oil or API GLS, SAE #80 to #90, approximately 195 mL (6.6 fl oz)
 10. Compass model: Danforth Constellation
 11. 5/16 inch HiTest chain (WM# 697291), 250 feet. Mantus 65#, CQR 45#, Fortress FX-23. Stern rode and spare rode: 240 ft 3/4" nylon
 12. Water hose: 1/2 inch diameter
 13. Winches: All Lewmar Main (2)-40ST, Primary (2)-48ST, Boom (2)-16
 14. Fuel Hatch bolts: 3/8-16 Stainless steel
 15. Heads: PH II Raritan head forward, Rep Kit 272411 from WM. West Marine head (14974265) aft. WM service kit 245414. Seal Housing Assembly Jabsco 29044-2000
 16. Boom length, 196 inches, metal only. Kenyon Spars 6092. 9.25" x 6.0", 0.188 wall. 6.03 lbs/ft. Circumference w/o track 25.25". Alloy 6061-T6. Mast height: 46 feet, 10 inches, mast head to goose neck: 57' 9-7/8" base to top. Extrusion 53.4'. Duplex cable to anchor light: 63 ft, Triplex cable to foredeck/steaming light 45 ft, coax cable 61 ft RU8X. All Ancor Marine.
 17. Fuel filler cap O-ring size: ID 1-1/2 inch, OD 1-3/4 inch, Ring Cross-section: 1/8 inch.
 18. Inflatable Lifejackets: Old PFDs WM 38HARP Refill: Halkey Roberts V85000-86121Z, WM374225. New PFDs WM38AS HAR Refill V86000-86202Z. WM3742079
 19. All shrouds 5/16 inch diameter, 1 X 19 Stainless Steel, type 316. Uppers at 25%, lowers (2 pr each side) at 20%. Using 1/8 X 1 inch Cotter pins.
 20. Raymarine Instrument Numbers: ST8002+ Smart Pilot Controller: E12119-P, 0570353, 5624-010, 10012437. Graphic Display: E22075-P, 0880151, 5624-003, 41014497. Wind Display: A22012-P, 0880044, 5624-005, 41130146.
 21. Jib Sheets: 1/2-inch Sta-Set Red, 60-feet each, solid blue WM# 243790. (8/13/08) Main and Jib Halyard: 1/2-inch, Sta-Set X red fleck, 142 feet each. WM# 276867 (6/9/09). Main Sheet: 1/2-inch Sta-Set Blue WM#121517, 85 feet (6/28/06)
 22. Avon RAB 3.11. 3.11 metres overall (10'2"), weight of 30.9kg (67.8lb). Total load of 530kg (1165 lbs) Valve: Leaffield C7. Avon drain plug WM # 7780067
 23. Honda Generator EU2000i1A1. Spark Plug NGK CR4HSB, gap 0.024–0.028 in Oil 10W-30, 13 oz or 0.40 L. Dry weight 45.6 lbs. 1.1 Gal fuel
 24. Tristar MPPT 45: SN12241070. AT140: S/N17639, ICOM M802: S/N 0113986. Pactor DR-7403
 26. Link 10 Settings: Puekert: 1.12, Charged Voltage: 13.1V, Charged Current %: 2.1A, set to 2.2+, Capacity: 420 Ahr., Bulk Charge: 14.4, Absorption: 14.4, Float: 13.2
 27. UTS See-Me Select Solas compliant personal strobe 2-AA batteries,
Nuova Rade LifeSling Strobe 1-D battery
Streamlight 2A flashlights 4 AA batteries