

Wings Data, ver 58 29 September 2021

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: Beta 50HP (Based on Kubota V2203-M-EU32; Family YKBXL02.2FCD)
WOC K39730, Type B50, Engine No 7JS4821, Manufactured 2/19, commissioned 2 August 2019.
Sea water pump Impeller: Beta 207-09042-KIT
Racor Primary Filter for 500FG; filter element Racor 2010 (5 microns),
Fuel Line: 5/16" inside diameter
Secondary Fuel Filter: Beta 211-60210
Oil Filter: Kubota W21ESO1640.
Air Filter: 211-09179
Mobile Oil Delvac 15W-40 Diesel oil, 9.5L=2.51gal.
Coolant 30-50% antifreeze only.
3. Transmission: PRM 150 V034540 W27265,150D2,Mobile Oil Delvac 15W-40 Diesel oil, 1.4L=1.5 qt.
4. Alternator: Balmar OE60-120-SR-IG-SD/B; 120A, 12V, Saddle Mount 3.15"; Serpentine Pulley,
IsoGround, Date code 01/24/2019 Balmar MC-614 regulator. Alternator Belt: Dayco 6PK-1150.
5. Flexible Coupling – Type 16 coupling, 1 1/4" bore model. Model number cf-m160-50 by Centerflex.
6. Propeller: PYI MaxProp 16 inch adjustable 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" = E for 24° pitch, left hand rotation.
Spinner screws: 6mm dia. X 1mm hex head.
Buck Algonquin Stuffing Box BUC/PB125, 1/4 inch flax stuffing. Shaft 1.25" dia, 3.925" circ.
7. Tankage: Water-140 gal (starboard/port 70 gallon tanks), Fuel-120 gallons (70 gal starboard, 50 gal port)
8. CruiseRO SeaMaker 20 gallon/hour desalinator. Water hose: 1/2 inch inside diameter
9. Running Lights: Aqua Signal housings. Bow AquaSignal NK77 A16, TD40 25W
Bulbs: Marine Beam bicolor, Hydrovane LED for stern. 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
Anchor Light: Marinebeam TW-1157-TRI-CMB installed May 2018
Galley: West Marine Bi-Color Platinum Series 12" LED Rail Light, White/Red 12642625
Berth Reading: 12 V, 15 W, Dr. LED replacement.
Dome lamps: G4 halogen, 2 each, all white except nav station with red G4, over galley Marine Beam 24LED unit.
10. 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 leech line, Cruise Plus Mainsail 9.18 oz. Dacron, 3 reefs, full battens, Tradewind Spec's, Up and Over leech line, 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. Mast circumference: 26.5", collar circumference: 31.5". WM 191197.
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'

11. Outboard: Mercury 2-cycle 5.0 horsepower, purchased from STH, Papeete, Tahiti 2014
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)
12. Compass model: Danforth Constellation
13. 5/16 inch HiTest chain (WM# 697291), 250 feet. Mantus 65-lb, CQR 45-lb, Fortress FX-23. Stern rode and spare rode: 250-ft of 3/4" nylon
14. Winches: All Lewmar: Main sheet (2)-40ST, Primary (2)-48ST, Boom (2)-16
15. Fuel Hatch bolts: 3/8-16 Stainless steel
16. 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
17. 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, masthead 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. Mast diameter at base 26.5", Mast collar 31.5". Kenyon 6092 Cruising mast, Kenyon 3756 Boom
18. Fuel filler cap O-ring size: ID 1-1/2 inch, OD 1-3/4 inch, Ring Cross-section: 1/8 inch. Replacement O-ring Perko 0513DP8
19. Inflatable Lifejackets: Old PFDs WM 38HARP Refill: Halkey Roberts V85000-86121Z, WM374225. New PFDs WM38AS HAR Refill V86000-86202Z. WM3742079. Spinlock Deckvest 5D, 170N, Refill: Hammar MA1-EA, S/N048224002, ProSensor
20. 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.
21. B&G instruments. Zeus3 9" (S/N119628529), Triton 2 (S/N108313302), HALO20+ radome (S/N2004501967), WS320 wind base (S/N120325730) sensor (S/N120386260), ZG100 compass/GPS (S/N107943996), Airmar IDST800L depth/speed/temp transducer (S/N3314045). Installed August 2020 and 2022.
22. 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). Furler line: 1/2-inch Sta-Set Blue WM#121517, 75 feet
23. Avon RAB 3.11. 3.11 m overall (10'2"), weight of 30.9kg (67.8lb). Total load of 530kg (1165 lbs) Valve: Leaffield C7. Avon drain plug WM # 7780067. Tube pressure 170 mb/2.5 PSI Cover WM11161049
24. Honda Generator EU2000i1A1. Spark Plug NGK CR4HSB, gap 0.024–0.028". Oil 10W-30, 13 oz or 0.40 L. Dry weight 45.6 lbs. 1.1 Gal fuel
25. Hamilton Ferris PB30 MPPT 45: SN12241070. Installed 2018.
26. ICOM M802 SSB: S/N 0113986, AT140 antenna tuner: S/N17639. Pactor Modem DR-7403. KISS ground plane. GAM backstay antenna
27. 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
28. UTS See-Me Select Solas compliant personal strobe 2-AA batteries. Nuova Rade LifeSling Strobe 1-D battery. Streamlight 2A flashlights 4 AA batteries
29. Johnson Bilge Pump 2400 GPH, SPX automatic switch. Rewired August 2019.
30. Cold Machine DanFoss 12VDC BD2.5 102N3115 4BD2 compressor, 102E1009
31. Simrad 000-11184-001 NSS7 evo2 Combo Multifunction Display 000-11184-001 (S/N106054946). ForwardScan Transducer kit w/ sleeve and plug 000-11674-001 GoFree wireless module 000-11068-001