

2004 Sea Ray 420DB-549

Hull Serial Number# SERP6186D404

USCG Documentation # - 1175567

LOA – 45' plus platform (~49' LOA)

Beam – 14'3"

Draft – 44" (3 ½')

Fuel - 350 Gals (2x175)

Weight – 29,000 lbs

Water 120 Gals

Holding Tank – 42 Gals

PW Marina – 703.494.6611

GHS (TNT Lift) – 855.791.0128 (Rick)

Tecnographics - 954.928.1714

Annapolis CruiseAir – 410.224-0970

Sea Ray Product Support – 865.971.6250

Walker Bay 325 Super Tender – EWVT02318515

Walker Bay/Annapolis Inflatables – 443.336.9263

| Equipment | Vendor | Serial/Par Number | Comments |
|--|-------------------------------|--|---------------------------------|
| Entry Door | Taylor | 917 | |
| Ignition Keys | Sea Ray | S-3203 P-3235 | |
| Props | Teignbridge | 26x26 | Propped 2014 |
| Shaft | GP | 1735912 | Maint code A2 |
| Engine-Port | Cummins 480CE | 46384680 | 6CTA 8.3 480CE (C-Series) |
| Engine-Std | Cummins 480CE | 46381838 | 6CTA 8.3 480CE (C-Series) |
| Transmission-Port | ZF Marine ZF-280-1A | 20048746 | Ratio - 1.7969 1 Gal oil |
| Transmission-Stb | ZF Marine ZF-280-1A | 20048748 | Ratio - 1.7969 |
| Onan Gen | Onan-9MDKAV-3207 | C040622500/Eng#4A5968 | Kubota Engine 4.2 Quarts Oil |
| Fwd A/C | Cruisair/Dometic Turbo/DTU16 | | Bought from Annapolis CruiseAir |
| Salon A/C | Cruisair/ Dometic Turbo/DTU16 | | Bought from Annapolis CruiseAir |
| Main Oil Filter | Cummins | LF3000 (LF9009) | |
| Main Water filter | Cummins | WF2073 | |
| Main fuel filter-1 st stage | Racor 900MA | 2040TMOR | 10 micron |
| Main fuel Filters-2nd Stage | Cummins | FF5285 FF5488 | 10 micron 2 micron |
| Gen fuel filter-1 st stage | Racor 500MA | 2010TMOR | 4 micron |
| Gen Fuel filter-2nd stage | Onan/Cummins | 149-2106 | 10 micron |
| Gen Oil filter | Onan/Cummins | Onan/Cummins: 185-5835 | Gen Oil filter |
| Air Filter Cleaning kit | Cummins | DDF9000 | |
| Main Air Filters | Cummins | CD177 | |
| Main Breather filter | Cummins | CD180 | |
| Main Impellers | Cummins | <ul style="list-style-type: none"> Smart Power #3897337 Sherwood #17000K-SHW Seaboard-SMX "Super 17" Impeller | |
| Gen Impeller | Cummins/Onan | Onan Impeller- #0132-0379 or Cummins minor kit - 0541-1519 Sherwood 10077K | |
| Bow thruster | Vetus Marine | Zinc #TS Set 0150 Bow/75/80/95 | |
| Outboard motor | Tohatsu 4-stroke 30hp MFS30 | 2015 motor SN-054275AF | API GL-5 80W gear oil-12 oz |

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| | | | 10w-30 FCW oil-2 quarts Oil filter-3R0076151M (East Marine) |
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Boat winterization Check-list: (Updated Jan. 2021)

[illegible]

Spring Commission and Winterization Schedule

| Fall Winterization | When to do next | Notes |
|--|------------------|--|
| Change Engine room Zincs | Annually | 3/each main; 1 Gen (cut to ¾ length) |
| Toilets | Annually | Clean and winterize |
| Clean gray water Sump | Annually | Drain and winterize in Fall; Clean in Spring |
| Clean strainers & winterize both mains | Annually | 5 gal antifreeze each |
| Clean strainer and winterize Gen | Annually | 3 gal antifreeze |
| Clean strainer and winterize A/C unit | Annually | 3 gal antifreeze |
| Defrost frig | Annually | |
| Set-up heaters | Annually | Engine room, galley hold and bathroom |
| Install outside vent covers | Annually | |
| Install camper canvas | Annually | |
| Pull tender and winterize in garage | Annually | |
| Defrost frig | Annually | |
| Lubricate TNT | Annually | Grease 2 fittings |
| Holding Tank Pump Out | Annually | |
| Blow out fresh water lines | Annually | Empty water tank first, Washer/Dryer |
| Close/lube all raw water seacocks | Annually | |
| Change Mains Primary and Sec. Fuel filters | Annually | |
| Change Gen Primary and Secondary Fuel filters | Annually | |
| Inspect batteries and fill thruster batteries | Annually | |
| Inspect all fittings, clamps and hoses | Annually | |
| Change Mains oil and filters | Fall 2020 | Valvoline Blue |
| Change Gen oil and filter | Fall 2020 | Valvoline Blue |
| Change Trans oil | Fall 2020 | Valvoline Blue |
| Change Mains water filters | Fall 2020 | done |
| Check mains air filters (clean every other year) | Fall 2020 | done |
| Replaced all zincs (Mains and Gen) | Fall 2021 | |
| Changed and replaced all filters | Fall 2021 | |
| | | |
| SYC - Dave Abell | Fall 2017 | 400/haul-out; 100/blocking; 200/PW; 500/SW FB; 1000/SW boat. |
| | (\$1,500 Total) | \$462/haul; \$11/ft PW & Block; \$252/Mo Storage |
| Spring Commissioning | When | Notes |
| Change Bow thruster Zinc (every other year) | Done Spring 2017 | Ship store order #4794 |
| Pull/power wash/change hull zincs | Annually | Check running gear and all fittings |
| Bottom paint hull and running gear | Annually | Multi-season ablative bottom and zinc barnacle buster spray for running gear |
| Clean Sump | Annually | At least twice a year |
| Clean A/C air filters | As required | |
| Inspect all fittings, hoses and clamps | Annually | |

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| Change under sink water filter | Annually | |
| Detail boat | Annually | Nauti Boat Detailing |
| Change Mains impellers | Every 2-3 years | Done Spring of 2020 |
| Change Gen impellers | Every 2-3 years | Done Spring of 2020 |

Maintenance Log

| Date | Item | Work Description |
|----------------|---|--|
| 05/2010 | Purchased Boat from Prince William Marina | Maintained according to Sea Ray and under warranty; including maint history |
| 07/2010 | Oven | Replaced Oven with new and larger unit |
| 11/2010 | Winterization | See List |
| 4/2011 | Spring Commissioning | See List |
| 11/2011 | Winterization | See List |
| 4/2012 | Spring Commissioning | See List |
| 11/2012 | Winterization | See List |
| 4/2013 | Spring Commissioning | See List |
| 6/2013 | Toilet bowl seals | Replaced both |
| 7/2013 | Alternator | Replaced stb |
| 11/2013 | Winterization | See List |
| 04/2014 | Spring Commissioning | See List |
| 4/2014 | Batteries | Replaced all leadcell with AGM Group 31 (not inc. bowthruster) |
| 4/2014 | Engine impellers | Replaced |
| 4/2014 | Props | Reconditioned and propped to specs |
| 4/2014 | Generator impeller | Replaced |
| 4/2014 | Bottom paint | Painted and replaced zincs, prop speed |
| 4/2014 | Detailed-1 step wash&wax | Nauti Boat Detailing Kelli- 240-248-4886 |
| 4/2014 | Fuel filters | Replaced racor fuel filters |
| 6/2014 | A/C raw water pump | Cleaned |
| 8/2014 | Short haul | Powerwashed bottom |
| 11/2014 | Winterization | See List |
| 4/2015 | Spring Commission | See list |
| 4/2015 | Detailed-1 step wash&wax | Nauti Boat Detailing Kelli- 240-248-4886 |
| 4/2015 | Galley Refrig | Replaced - with Infritrigo |
| 6/2015 | Short haul | Replaced rudder and trim tab zincs and bottom pain |
| 6/2015 | Interior Lights | Converted to LED |
| 11/2015 | Winterization | See List |
| 4/2016 | Spring Commissioning | See List |
| 4/2016 | Detailed-1 step wash&wax | Nauti Boat Detailing Kelli- 240-248-4886 |
| 4/2016 | All main eng. coolers | Re-conditioned aftercooler, trans oil cooler and heat exchanger (6CTA) Kit #3 |
| 4/2016 | Hoses/replaced | All raw water, most coolant and exhaust turbo hoses on mains (except raw water hose to pump) |
| 4/2016 | Impellers | Replaced mains and gen |
| 4/2016 | Coolant | Replaced engine coolant – both Mains |

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|----------------|------------------------------------|--|
| 4/2016 | Engine Zincs | Replaced all engine zincs - both Mains |
| 5/2016 | Window film | Installed Huper Optik Ceramic 30 on all windows and salon door |
| 9/2016 | Short haul | Power washed bottom and applied zinc paint on running gear (SYC) |
| 10/2016 | Grey water Sump Pump | Replaced pump |
| 11/2016 | Winterization | See List (moved to CB for winter) |
| 11/2016 | 12v Fresh water pump | Replaced with identical unit. Installed sound shield (west marine) |
| 11/2016 | Oil Analysis | Both mains (ok/normal) Results on file |
| 4/2017 | Spring Commissioning | See List |
| 4/2017 | Tender | New Walker Bay (Annapolis Inflatables; POC Nic) |
| 8/2017 | Fly bridge Canvas | Custom covers for Seats, instrument panel and back arm rest (Trina) |
| 8/2017 | Fly bridge hatch | Replaced both gas springs (Attwood part# ST34-20-5) |
| 8/2017 | Cockpit canvas | Complete wraparound sunshade (Trina) |
| 10/2017 | Sanitation Duck Valves | Replaced 4 duck valves on Master head/Stb system/pump (Dometic 1-1/2" #385310076) |
| 11/2017 | Winterization | See List |
| 12/2017 | TNT Lift/hose | Replaced 12" SS hose on starb,. Lock mechanism (OEM) General Hydraulic Solutions. Part# HSS015 |
| 12/2017 | Oil Analysis | Normal both mains – Normal (See report) |
| 12/2017 | Coolant Analysis | Normal 1.9-2.0 SCA Units both sides |
| | | |
| 4/2018 | Spring Commissioning | See List |
| 4/2018 | Impellers | Replace 2 mains and Gen |
| 4/2018 | Electronics | Replaced radar and chart plotter w/2 Garmin MFD's |
| 4/2018 | TV | Installed new HD 32" TV in salon |
| 4/2018 | Wash/wax | Hand washed and waxed |
| 6/2018 | Salon A/C | Replaced with Dometic Turbo/DTU16 from Annapolis CruiseAir |
| 6/2018 | Thruster batteries | Replaced both |
| 8/2018 | Port Heat exchanger | Replaced port engine end cap and gasket |
| 8/2018 | Strataglass | Replaced flybridge rear corner piece |
| 8/2018 | MMSI/VHF | Registered VHF for MMSI number (#338325884) |
| 11/2018 | Winterize | See list |
| 11/2018 | Banjo Fitting | Repaired Starboard Turbo Banjo fitting and coolant |
| 11/2018 | Heat exchanger | Cleaned out strb zinc side and replaced with new gasket |
| 11/2018 | Reverso | Replaced impeller |
| 12/2018 | Oil Analysis | Normal both mains – (See report) |
| 5/2019 | Spring Commissioning | See List |
| 5/2019 | Sump pump | Replaced float switch |
| 5/2019 | Fly bridge hatch | Replaced both gas springs (Attwood part# ST34-20-5) Used 40# this time |
| 11/2019 | Winterize | See list |
| | | |
| 5/2020 | Spring Commissioning | See List |
| 6/2020 | Impellers | Replaced 2 main |
| 6/2020 | Impellers | Replaced Gen |
| 6/2020 | Valve Lash | Performed Valve Lash adjustment on both Mains (Chesapeake Marine) |
| 6/2020 | Wash and Wax | Topside – Payless Wash and Wax |
| 6/2020 | A/C | Replaced V-berth unit with Turbo 16K – identical to Salon unit |
| 6/2020 | Carpet | Replaced flybridge and steps |
| 9/2020 | Engine | Replaced port engine speed sensor |
| | | |
| 11/2020 | Winterize | See list |
| 11/2020 | Changed oil and all filters | |

| To-Do list | | |
|-----------------|-------------------------|---|
| When | What | Notes |
| 1/2021 | Coolers | Replace oil coolers, rebuild Aftercoolers and heat exchangers |
| 1/2021 | Engine room lights | Replace engine room lights with LED lights |
| 1/2021 | Coolant | Replace coolant |
| 4/2021 | Batteries | Replace house and main batteries (Group 31 AGM's.) |
| 4/2021 | Tender | Add Bimini top |
| 4/2021 | Isinglass | Replace entire flybridge enclosure |
| | | |
| Spares in Stock | | |
| Component | Description | Quantity |
| Heat Exchanger | End cap gaskets | 2 |
| Alternator | Rebuilt | 1 |
| Toilet | Bowl rebuild kit | 1 |
| Main Engines | Impellers | 2 |
| Gen | Impellers | 2 |
| Zincs | Engine, Gen and outside | 2 years worth Boat Zincs.com |
| Hoses | Misc | |
| Belts | Main serpentine | 2 (old) |
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