



Inspection Report prepared exclusively for [REDACTED]

THE MANDATORY STANDARDS PROMULGATED BY THE UNITED STATES COAST GUARD (USCG), UNDER THE AUTHORITY OF TITLE 46 UNITED STATES CODE (USC); TITLE 33 AND TITLE 46, CODE OF FEDERAL REGULATIONS (CFR), AND THE VOLUNTARY STANDARDS AND RECOMMENDED PRACTICES DEVELOPED BY THE AMERICAN BOAT AND YACHT COUNCIL (ABYC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAVE BEEN USED AS GUIDELINES IN THE CONDUCT OF THIS INSPECTION.

GENERAL INFORMATION

OVERALL VESSEL RATING Average

[REDACTED ESTIMATED MARKET VALUE \$18,700.00]

YEAR/MAKE/MODEL OF VESSEL..... 1989 SeaRay 280 Sundancer

HULL IDENTIFICATION NUMBER (HIN)..... SERT9276C989

STATE REGISTRATION NUMBER OH 5883 DM (exp. 3/12)

HULL CONSTRUCTION..... Solid fiberglass reinforced laminate

HULL TYPE..... Deep V

L.O.A..... 29' 8"

BEAM..... 10' 6"

DRAFT..... 32"

WEIGHT..... 8000 lbs.

PROPULSION SYSTEM T-260 HP / 5.7 MerCruiser Alpha I sterndrives

FUEL SYSTEM..... Gasoline, 120 gallons

BILGE PUMPS One 500 and one 1500 gph, equipped with float switches Shower sump box with cover and 800 gph pump with float switch Bilge pumps plumbed w/ ribbed vinyl san hose

GROUND TACKLE Danforth S 920 anchor secured in the anchor roller, rigged with est. 150' 1/2" nylon line. "Good" windlass, model 1/2 AFD, S# 3253, cable keeper.

PFD'S..... 8 adult Type II , one Type IV

VDS'S.....

FIRE EXTINGUISHERS..... Seafire 1301 model G 150 A Halon in the Halon G250A Seafire gauge shows charged engine room, tag not current, gauge shows charged. One B:C Size I, gauge shows charged.

SOUND DEVICES..... electric horn, ships bell

NAV. LIGHTS..... Red/green running lights, forward
..... white/anchor light; stern light

COMPASS..... Ritchie Flush mount

VHF RADIO(S)..... Icom ICM56 VHF radio



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FISH FINDER.....Garmin fish finder
 RADAR.....Furuno radar unit
 GAS FUME DETECTOR.....None sighted
 "NO DISCHARGE OF OIL" PLAQUE.....Properly displayed
 "NO WASTE DISCHARGE" PLAQUE.....Displayed
 INTENDED USE.....Recreational
 INTENDED CRUISING AREALake Erie

SYSTEMS

*EXTERIOR HULL

Construction: Solid fiberglass reinforced plastic laminate. **Appearance:** Off White gelcoat with green stripes. **Exterior Fittings:** Anchor well drains, tow eye, air intakes and plastic thru hulls P&S, tank vents, toweyes, scupper drains, boarding gate, genset exhaust, full width FRP swim platform with swim/boarding ladder, grabrail and stern light affixed to transom. **Anti-fouling paint:** Copper bronze bottom paint heavy build up due for renewal strip and recoat **Note:** Exterior hull and transom were visually examined, percussion sounded and moisture metered with satisfactory results, unless noted otherwise.

*UNDERWATER GEAR

Trim tabs: 12" X 12" Bennett, electro-hydraulic. **Sacrificial anodes:** Trim tabs 2 each, stern drives **Propulsion:** Two Mercruiser Alpha I stern drive units fitted with aluminum 3 blade propellers. **Thru hulls:** One depth finder transducer, speedwheel, 2 bronze thru hulls, drain plug and 1 bronze scoop strainer.

*INTERIOR HULL

Construction: Interior structural components and cabin furniture are fabricated of plywood, fastened together and/or bonded in place with fiberglass. Plywood bulkheads are bonded in place, isolating the engine space, cabin and aft bilge. Vessel is constructed with foam filled box construction under the cabin sole, under the furniture and outboard of the engines, with 2 main longitudinals accessible in the engine bay. The interior hull was visually examined, percussion sounded and moisture metered where accessible, with satisfactory results unless noted otherwise.

*EXTERIOR DECK/SUPERSTRUCTURE

Deck Construction: Balsa cored FRP laminate, finished with non skid and smooth off white gelcoat. Bow platform and swim platform integral to the hull and deck.
Hull Deck Joint: Shoebox style flange, sealed and fastened through an aluminum rubrail. Decks and superstructure were visually examined, percussion sounded and moisture metered, where accessible.



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*DECK FITTINGS

Handrails: Welded stainless steel bowrail, Grabrails on the cabintop, radar arch and transom
Cleats: 8" stainless steel, 3 bow, 2 spring, 2 stern **Deckpipes:** waste pump-out, water tank fill, gas tank fill, Stainless steel anchor roller and anchor rope pipe. Rodholders (2) **Hatches:** Three aluminum framed square deck hatches. Teak/acrylic companionway. **Lights:** Port and stbd running lights. Searchlight on the bow rail. **Windows/Ports:** Aluminum framed cabinside windows with screens **Service Inlets:** 30 amp 125V shorepower. **Arch:** Molded FRP **Antennae:** Furuno closed array radar antenna, two vhf antennas, 2 flood lights, 12v lights, stereo speakers attached to arch Deck fittings appear well caulked and securely fastened, serviceable unless noted otherwise.

- **COCKPIT**

Layout: Bench style helm and companion seat on FRP seat boxes; Bench seat across stern. Cockpit washdown. sliding alum framed aft cabin window **Helm:** Steering and throttle controls, searchlight control, 12 volt circuit breakers, 12 volt outlet, Halon extinguisher monitor, analog engine gauges, engine hour meter and electronics are mounted in the dash panel.

- ***WINDSHIELD/CANVAS**

Windshield: aluminum framed safety glass windshield with side vents. 3 windshield wipers
Canvas: Green Sunbrella top with Sunbrella/eisenglass dodger and side curtains. Green Sunbrella camper top with Sunbrella/eisenglass and screen side enclosures. Frames and fittings are stainless steel. Sunbrella cockpit cover, hatch covers and top boots. Canvas appears in good condition. Fittings are secure.

*CABIN INTERIOR

Staterooms: V berth forward, double berth mid cabin. **Dinette:** Pedestal table converts dinette to double v-berth. **Galley:** FRP countertop with sink, two burner alcohol/electric cooktop, undercounter AC/DC refrigerator and microwave. **Head compartment:** FRP shower stall, marine toilet, waste tank level indicator, washbasin, mirrored cabinets, hot & cold pressure water with personal shower head. Toilet sea water intake is a flanged bronze sea cock and thru hull canister sea strainer **Cabin features:** Headliner and cabinsides are upholstered. Furniture and cabin sole are upholstered and or carpeted. Hanging locker to starboard side. Double berth mid cabin under the cockpit. Kenwood AM-FM-CD satellite stereo and speakers **Air Conditioner:** MarineAir model VRE 9K-H compact air conditioner, cool only. Digital keypad control. Flanged bronze thru hull, seacock and sea strainer for the seawater cooling intake.



* CONTROLS

Engine Controls: Quicksilver single lever shift and throttle controls. Trim and tilt controls in the lever handles. **Steering:** Teleflex power assist rack and pinion cable steering. Steering and controls appear operable

* PROPULSION SYSTEM

Make/Model: Two Mercruiser seawater cooled 5.7 L V8 Alpha 1 carbureted stern drive engines
Serial numbers: [S]OC608082, [P]OC608078. **Mounting:** Engines secured to frp encapsulated wood pods glassed to the bilge floor and outside flotation boxes **Cooling:** seawater cooled heat exchangers and exhaust. **Plumbing:** Engine seawater intakes through the sterndrive, hoses are securely clamped. Belts appear serviceable. Engine hoses are securely clamped and appear serviceable **Lubrication system:** Crankcase oil level found normal. **Hours:** port 597.3 stb 413.1
Exhaust: Exhaust hose connects exhaust manifolds to exhaust outlets through the transom housing and drive, connections are double clamped. **Ventilation:** Tunnel blowers and fresh air vents. Engines, sterndrives and related components were visually examined where accessible. Machinery is clean, wiring harnesses are neatly installed and adequate.

*FUEL SYSTEM

Tankage: 120 gallon, painted aluminum, secured under the mid cabin berth. Tank pickup is fitted with antisiphon valve. Gas tank and deck fill pipe are grounded. **On-engine:** Primary fuel water separators, carburetors, flame arrestors and fuel pumps appear mfg. Installed and serviceable. Flame arrestors are USCG approved, requires cleaning. **Plumbing:** Gas tank fill hoses are USCG Type All, connections are double clamped at the tank and deck pipe and vent pipe. Fuel delivery and vent hoses between the tank, filter and engine is USCG Type A1 with swaged brass fittings. Three primary fuel water separators on the tank siphons .

*A.C. ELECTRICAL SYSTEM

Source: One 30 amp inlet. One 50' 30 amp shorepower cord. **AC distribution panel:** One main circuit breaker, 6 branch circuit breakers, voltmeter, polarity indicator, water tank level indicator, **Battery charger:** Pro Mariner 35 amp, **Circuits:** Thermoplastic insulated stranded copper boat cable and wire, well secured throughout the vessel. GFCI outlets in the galley and head. System was powered up and appears serviceable. **Genset:** Onan 3 kw, model # 3MAJBA1B serial # B890204644. Original fuel feed line is not A type hose. **Exhaust:** frp elbow and exhaust hose, frp canister muffler, waterlift muffler, sea water intake is a flanged bronze sea cock and thru hull and canister sea strainer



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***D.C. ELECTRICAL SYSTEM**

Source: 2 group 29 and 1 group 27 marine batteries, clamped in plastic trays, hot terminals are arc protected. Primary cables are color coded and adequate, 50 amp circuit breaker. **Charging:** Engine mounted alternators **DC distribution panel:** Two main battery disconnect switches, cross over solenoid, 5 branch circuit breakers in the engine bay. 13 branch circuit breakers located at the helm. **Circuits:** Thermoplastic insulated stranded copper boat cable and wire, well secured throughout the vessel. System was powered up.

***FRESHWATER SYSTEM**

Tankage: Rectangular polyethylene freshwater holding tank

Plumbing: Tank fill and vents are connected with reinforced vinyl hose; pump and strainer adjacent to the tank, shorewater inlet in the transom. Plumbing to sinks, washbasins, head, shower and transom shower is paraflex plastic tubing and plastic fittings. **Water system pumps:** 12V, with demand type pressure switch. **Water heater:** 6 gallon marine, electric, fitted with engine heat exchanger. **Note:** System was not operated, appears serviceable.

***SANITATION SYSTEM**

Head: Manually operated seawater flush. **Tankage:** rectangular polyethylene waste holding tank; tank vent is plumbed with sanitation hose and Sealand waste tank vent filter. Tank level indicator. **Plumbing:** Flushwater intake hose connected to a bronze thruhull, seacock and canister strainer. Head discharge is plumbed with sanitation hose to holding tank; tank is plumbed for dockside pump-out. **Graywater:** Sinks plumbed with san hose. Shower and air conditioner condensate tray drains to a sump fitted with a 500 gph pump, floatswitched and plumbed with sanitation hose for overboard discharge. 1500 gph main pump and floatswitch, not tested. System was not operated, appears serviceable.