

SPECIFICATION: 9m Bass Boat

1.0 General:

Builder: Winninghoff Boats, Inc.

Year Built: 2000

Principal Dimensions

LOA: 29' 7 1/2" (hull)

31' 0" (w/ swim platform)

Hull Beam (max.): 9' 7"

Draft 1' 4"

Displacement: 10,000 lbs - normal operating

Engine/Drive: Yanmar 350 HP w/ Hamilton Jet 274

Fuel Capacity: 80 gallons

Top Speed: 27 knots

Impeccable finish draws the eye. Welded aluminum construction takes the same abusive treatment seen by our fire/rescue, research and fishing vessels. What a combination!

Phase 2: Hull Construction

- Welded aluminum construction with both transverse and longitudinal framing.
- (3) Water tight bulkheads
- Scantlings per the following:

<u>Item</u>	<u>Dimension</u>	<u>Alloy</u>
Keelson	.375" Plate	5086 H117
Transverse Frames	5" x 1.7" x .190 Tee	5086 H32
Bulkheads	.190" Sheet	5086 H32
Longitudinals- Bottom	4" x .250" cut plate, & 3" bulb Tee	5086 H117 6061 T6
Longitudinals- Deck	2" x .190" Flat Bar	6061 T6
Longitudinals- Topsides	1.5" x 1.5" x .190" Tee, & 1/4" cut flat bar	6061 T6 5086 H32
Bottom Plating & Doubler	.250" Plate	5086 H117
Chine Bar	.375" Plate	5086 H117
Topside Plating	.190" Sheet	5086 H32
Transom	.190" Sheet	5086 H32
Decks	.190" Sheet	5052 H32
Pilothouse & Trunk	.190" Sheet	5052 H32
Cabin Beams	2" x 1"x .125" Chan.	6061 T6
Engine Beds	.375" Plate	5086 H117
Fuel Tank	.190" Sheet	5052 H32
Pipe & Tubing	Primarily Schedule 40	6061 T6 or 6063 T6

Welding- MIG and TIG processes using 5356 filler wire. All underwater seams shall be continuously welded inside and outside. All frames and stiffeners shall be stitch welded both sides.

Phase 3: Propulsion

3.1 Fuel

Tank: 80 Gallon, welded aluminum (3/16", 5052) constructed & tested per USCG & ABYC standards.

Pick-up & Return fittings w/ shut-off valves

Centroid, electric sending unit

Fill: 1 1/2" Wilcox marinium deck plate, mounted in side deck.

Vent: Chrome Plated Brass or synthetic, mounted through topside plate, just below rub rail.

Filter: Racor 75/500MAX, 30 micron, twin filter manifold

Plumbing: USCG approved hose, sizes to suit, JIC flare fittings

3.2 Engine

- Yanmar 6LYA-STE diesel, 350 hp
- Fresh water cooled
- Borg Warner 1:1 transmission
- Aquadrive mounts.

3.3 Drive

- Hamilton model 274 jet drive
- Aquadrive shaft

3.4 Instruments & Controls

Engine Panel: Yanmar "C-type" panel.

Jet Bucket Controls: Kobelt control #2009 at helm. Morse 33C Supreme cable.

Throttle: Control and Cable per jet bucket controls.

Transmission: Morse cable to Tee handle (push/pull) at dash.

3.5 Steering

- Teleflex SeaStar hydraulic with Teleflex or Kobelt cylinder
- 15" cast aluminum wheel

3.6 Exhaust

- Centek, dual stage, in-line waterlift muffler
- Hardwall exhaust hose w/ “Tee Bolt” stainless steel hose clamps
- Transom outlet fit with Salisbury flap

3.7 Engine Raw Water

- Fabricated inlet scoop to 1 ½ ” welded aluminum thru-hull.
- Forespar, nylon sea valve
- Groco ARG-1500 water strainer
- Plumbing for in-the-water winterization

3.8 Ventilation & Sound Insulation

- (4) engine vent trunks with Winninghoff cast aluminum louvres set just below sheer.
- High density panel dampening material
- 2 pound lead/foam insulation with mylar face in engine space and above drive line

Phase 4: Superstructure- Pilot House & Cabin

Traditional bass boat arrangement

Phase 5: Auxiliary Equipment & Machinery

5.1 Bilge Pumps

- Lovett 1200 GPH (3) with float switches
- Three position control switches at helm
- Shields 250-1180-10 discharge hose

5.2 Auxiliary Components

Heat: Option.
Raw Water Option.
Washdown:
Trim Tabs: Bennet Actuators on (2) fabricated tabs, w/ Bennett double rocker switch and tab angle indicators.

5.3 Deck Gear

Anchor Chain Pipe: Wilcox marinium, on foredeck
Anchor Locker: Forepeak
Bow Chocks: (2) Wilcox marinium, on foredeck
Cleats: (1) 10" aluminum bow cleat
(4) 8" aluminum spring/stern cleats
Hawses: (4) at spring and stern cleats
Scupper Flaps: (2) at transom
Rod Holders: (4) Anodized aluminum in side decks at cockpit
Transom Platform: Teak grating over welded aluminum structure

5.5 Fresh Water & Head Systems

Fresh Water System:

- - 25 gal. plastic tank
- - 6 gallon water heater, Raritan, 110V with engine water heat exchanger
- - Pressure pump, 12v, Shurflo- 3.3 gpm
- - Galley sink- Polar s.s. w/ Scandvik faucet
- - Head sink- polished s.s. w/ Scandvik faucet (H/C)
- - Cabin shower and drain sump w/ auto sump pump.

Head:

- - Raritan PH II
- - 25 gal. holding tank
- - Overboard and deck pump out plumbing
- - Tank vent filter, Sealand
- - Waste Plumbing, Shields 16-101-1120

Phase 6: Electrical & Electronics

6.1 Battery System

Batteries: (2) 4D gel, deep cycle, marine (house)
Switches: (1) Guest, 4 position for engine circuit
(2) Guest, 4 position for accessory circuit
Main Breakers: (2) in accessory circuits mounted at batteries
Panels: Paneltronics, weather proof, 8 circuit breakers at helm
Blue Seas, 13 circuit breakers w/meters, in forward cabin

6.2 DC Accessories

Bilge Pumps: per 5.1

Horn: AFI, dual trumpet, stainless steel

Lights- Cabin: (2) dome lights, (2) berth/reading lights

Lights- Courtesy: (2) in aft cockpit

Nav. Lights: Port, starboard and stern, Wilcox marinium

12 Volt Outlets: (2) 2 prong outlets

Wipers: (2) AFI, two speed, self-parking wipers w/ pantographic arms.

6.3 Electronics/Instruments

Compass: Ritchie SS-2000, w/ light

VHF Radio: Standard Horizon Eclipse + w/ antenna and mount.

6.4 AC System

Panels: Blue Seas, 30 amp w/ source selection
Blue Seas, 6 position breaker panel

Shore Power: Marinco, 30 amp w/ 50' cord and galvanic isolator

Charger: Guest 2820

AC outlets: (3)

Phase 7: Joinerwork

7.1 Hatches, Windows, Doors

Windshield: Teak w/ 1/4" safety glass, tinted

Forward Cabin:

- (4) Portlights- Vetus, opening w/ screens
- Skylight hatch- Bomar 1039-10AX w/ screen

7.2 Rails & Rub Rails

Toe Rail: Teak

Bow Eye: 1/2" aluminum weldment

Handrails: (2) on cabin roof top, teak

7.3 Joinerwork

Deck:

- Helm & Crew Seats, Pompanette
- Transom bench seat w/ cushions and stowage
- Custom dash w/ electronics arrays

Cabin:

- Sole- teak and holly over plywood sub-
- Companionway steps (wood)
- Hull liner- birch
- Head liner- vinyl/foam over plywood
- Hanging Locker
- Vee Berth w/ 4" cushions and shelves above
- Drop down table
- Galley counter w/ lockers & drawers
- Head enclosure w/ door and shower pan
- Misc. stow lockers/counter in head
- Misc. shelves and bins

Galley:

- sink (see 5.5)
- Stove- Seaward, propane
- Refrigerator- Norcold DE351D, AC/DC

Phase 8: Paint & Finish

Awlgrip.