

Specification: 7.9m Jet Skiff with Cuddy

1.0 GENERAL

Builder: Winninghoff Boats, Inc.

Year Built: 1998

Hull Type: Modified Vee (50° deadrise fwd., 14° aft)
Deadrise: 60° cutwater
17° midships
14° transom

Configuration: Self Bailing Cockpit, Center Console w/ Cuddy
Hull Length Overall: 25' - 11"
Hull Beam Overall: 8' - 11"
LWL: 22' - 6"
Draft (hull): 1' - 3" (6,250 lbs)
Displacement: 6,250 lbs. (dockside w/ ½ fuel, basic gear)
Power: Single Inboard Jet
Mer cruiser 7.4 litre, MPI
Hamilton Jet 241
Top Speed: 30 knots

This boat is used primarily for sportfishing, about 200 days per year, off of Connecticut in the summer and off the west coast of Florida in the winter. Fishing consists of trolling, spinning, and primarily fly fishing. The shallow draft is advantageous for flats fishing in Florida as well as fishing among the rocks up North. Like the other skiffs, this boat has a very solid feel and is very dry.

2.0 CONSTRUCTION

- Welded aluminum construction featuring both transverse and longitudinal framing.
- Three watertight bulkheads, which include one collision bulkhead and one bulkhead at each end of the fuel tank bay.
- Scantlings per the following table:

<u>Item</u>	<u>Dimension</u>	<u>Alloy</u>
Keelson	4" x .375" Plate	5086 H116
Transverse Frames	4" x 1.7" x .190 Tee	5086 H32
Bulkheads	.190" Sheet	5086 H32
Bulkhead Stiffeners	1.5" x .190" Flat Bar	6061 T6
Longitudinals- Bottom	4" x .250" Flat Bar	6061 T6
Longitudinals- Deck	2" x .190" Flat Bar	6061 T6
Longitudinals- Topsides	1.5" x .190" Tee	6061 T6
Engine Beds & Bilge Skegs	.375" Plate	5086 H32
Bottom Plating	.250" Plate	5086 H32
Chine Bar	.375" Plate	5086 H32
Topside Plating	.190" Sheet	5086 H32
Transom	.190" Sheet	5086 H32
Working Deck	.190" Sheet	5052 H32
Side Decks	.190" Sheet	5086 H32
Console	.190" Sheet	5052 H32
Fuel Tank	.190" Sheet	5052 H32
Pipe & Tubing	Primarily Schedule 40	6061 T6 & 6063 T6

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

3.0 FUEL & PROPULSION

3.1 FUEL

Fuel Tanks-	80 Gallons in two saddle tanks, welded aluminum (3/16", 5052) constructed & tested per USCG & ABYC standards.
	Pick-up fitting w/ shut-off valve
	Electric Sending Unit
	Installed in a watertight compartment near the boat's LCG
Fuel Fill-	1 1/2" Scanvik deck plate (nylon), mounted in side deck.
Fuel Vent-	Chrome Plated Brass, mounted through topside plate, just below rub rail.
Fuel Filter-	Mercruiser, engine mounted
Fuel Plumbing-	USCG approved hose, sizes to suit, Awab stainless steel hose clamps
Fuel Monitoring:	Floscan

3.2 PROPULSION ENGINE

- Mercruiser 7.4 litre (454 CID), multiport injected
- Fresh water cooled
- Borg Warner 72, 1:1 transmission
- Aquadrive Mounts

3.3 DRIVE UNIT

- Hamilton Jet model 241
- Aquadrive shaft

3.4 INSTRUMENTS & CONTROLS

Engine Panel-	Engine manufacturer panel to include the standard accessories: Tachometer. Volt, Temp, Hour, Fuel, key switch & alarms.
Jet Bucket Controls-	Kobelt control #2015AK 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 w/ 15" cast aluminum wheel (Release Marine).

3.6 EXHAUST

- (2) Vernay in-line waterlift muffler (4')
- Hardwall exhaust hose w/ "Tee Bolt" stainless steel hose clamps
- Transom outlets fit with Salisbury flaps

3.7 ENGINE RAW WATER SYSTEM

- Fabricated inlet scoop to 1.25" welded aluminum thru-hull.
- Forespar, nylon sea valve

- Groco ARG-1250 water strainer

3.8 VENTILATION & SOUND INSULATION

- (4) engine with Winninghoff cast aluminum louvres set just below sheer.
- Blower, 12 volt, 4" ITT
- High density panel dampening material
- 2 pound lead/foam insulation with mylar face in engine space and above drive line

4.0 SUPERSTRUCTURE

Center Console with:

- Built-in, forward facing seat
- ¼" Lexan windshield
- Welded aluminum handrails
- Canvas cover

5.0 AUXILIARY SYSTEMS & EQUIPMENT

5.1 BILGE PUMPS

Rule 1500 GPH (2) with float switches- one in the aft compartment and one in the compartment forward of the fuel bay. Three position control switches at helm panel.

5.2 WASHDOWN / LIVEWELL

Raw water system with:

- Fabricated inlet scoop to ¾" welded aluminum thru-hull.
- Forespar, nylon sea valve
- Pump- ITT/Jabsco" #30700012 w/ strainer
- Deck Outlet- Scandvik
- Livewells- (2) 30 gallon, at transom

5.3 HEAD

Portable toilet

6.0 ELECTRICAL

6.1 BATTERY SYSTEM

Batteries-	(2) Group 27, gel, deep cycle, marine
Switches-	(1) Guest, 4 position for engine circuit (1) Guest, 4 position for accessory circuit
Main Breaker-	50 amp breaker mounted at batteries

6.2 ACCESSORY SYSTEM

Panel-	Paneltronics, weather proof, 8 circuit breakers
Nav. Lights-	Port, Starboard and stern lights.
Bilge Pumps-	per 5.1
Depth Sounder-	Raytheon
GPS-	Northstar w/ ratchet mount antenna
VHF Radio-	Standard w/ ratchet mount antenna (3' whip)
Outlet-	12 volt outlet at helm

7.0 OUTFITTING EQUIPMENT & HARDWARE

Anchor-	Bruce anchor
Anchor Locker-	Forward of collision bulkhead, Viking hatch w/ Wilcox chain pipe & custom aluminum anchor roller
Bow Eye-	Welded aluminum, 3/8" plate
Cleats-	(1) 3" Bow Bitt (4) 8" cleats w/ Wilcox hawses
Deck Plates-	Viking, to access/inspect wiring, hull & plumbing
Handrails-	at console
Leaning Post-	Welded aluminum fabrication w/ hatches for access to batteries and storage
Rod Holders-	(2) one each, port & starboard at side decks, Wilcox (1) Push pole holder at starboard side deck
Rod Storage -	(2) racks at console for 8 rods total (6) tubes extending into cuddy cabin 3 fly rods port and starboard
Rub Rail-	PVC- black, thru-bolted to sheer w/ stainless steel trim

- Scuppers- (2) at transom w/ SeaStop flaps
- Seat Cushions- Leaning post & console seat
- Stowage- (2) Bomar hatches at Leaning Post
- (2) Bomar hatches at Center Console
- (1) Freeman 1524 hatch accessing below deck stowage
- (2) Bomar tackle Boxes
- (1) Fish Locker (25 gallon) at transom deck

Transom Platform/ Jet Guard Pipe & tread plank fabrication, sized to cover jet

7.1 CUDDY CABIN

Companionway-

- Painted wood doors, split w/ ventilation louvres
- Bomar hinged companionway hatch

Hatches/Ventilation

- Bomar hatch in cuddy top
- (2) Vetus vent caps in cuddy top

Vee Berth

- Full size Vee berth with 4" cushions
- Portable toilet in Vee
- Storage shelving on bulkhead
- Storage below berth

8.0 PAINT & FINISH

<u>Item</u>	<u>Primer</u>	<u>Topcoat</u>
Bottom	Ameron 370 Epoxy	Tri-Lux II Anti-foulant
Boot Stripe	Ameron 370 Epoxy	Interlux Polyurethane
Hull Topsides	Ameron 370 Epoxy	Ameron PSX 700
Cockpit & Superstructure	Ameron 370 Epoxy	Ameron PSX 700
Decks	Ameron 370 Epoxy	Ameron PSX 700 w/ non-skid

OPTIONS:

We're open to any ideas.