

## **Specification: 7.3m Jet Skiff**

### **1.0 GENERAL**

Builder: Winninghoff Boats, Inc.

Year Built: 1997

Hull Type:	Modified Vee (50° deadrise fwd., 14° aft)
Configuration:	Self Bailing Cockpit, Center Console
Hull Length Overall:	24' 0"
Hull Beam Overall:	8' 2"
Draft (hull):	1' 3"-1' 6"
Norm. Oper. Displ.:	5,800 lbs. (approx.)
Power:	Single Inboard Jet Mercruiser 7.4 litre, MPI Hamilton Jet 241
Top Speed:	32 knots

This was designed and built for an avid sportfisherman (primarily light tackle, spinning) who runs the boat in the warm weather about 5 days a week out of Chatham, MA. A very experienced boater, he gives this boat high marks for comfort, handling and seaworthiness.

## 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 Tank-	80 Gallon, welded aluminum (3/16", 5052) constructed & tested per USCG & ABYC standards.
	Pick-up fitting w/ shut-off valve
	Electric Sending Unit
Fuel Fill-	Installed in a watertight compartment near the boat's LCG
Fuel Vent-	1 1/2" Scanvik deck plate (nylon), mounted in side deck.
	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

#### **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**

Fresh water washdown system with:

- 20 gallon tank (bladder or rigid)
- Fill & vent
- Pump- Shurflo “Blaster” #2088534344
- Deck Outlet- Scandvik

## **6.0 ELECTRICAL**

### **6.1 BATTERY SYSTEM**

Batteries-	(2) Group 27, 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, stern and anchor lights. Port & Starboard are bow combination light, Accon “Pop-Up”
Bilge Pumps-	per 5.1
Depth Sounder-	DART
GPS-	Northstar w/ ratchet mount antenna
VHF Radio-	Raytheon w/ ratchet mount antenna (3’ whip)

## **7.0 OUTFITTING EQUIPMENT & HARDWARE**

Anchor Locker-	Forward of collision bulkhead, Viking hatch
Bow Eye-	Welded aluminum, 3/8” Plate
Cleats-	(5) Accon “Pop-Up” Cleats
Deck Plates-	Viking, to access/inspect wiring, hull & plumbing
Deck Lockers-	(2) flush hatches accessing lined lockers below cockpit sole
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
Rod Storage Racks-	(2) one each for 4-8 rods, port & starboard sides of console
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
Transom Platform/ Jet Guard	Pipe & tread plank fabrication, sized to cover jet

## **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	Amershield 450 HS Polyurethane
Cockpit & Superstructure	Self Priming	Ameron 400 Epoxy (Gray)
Decks	Self Priming	Ameron 400 Epoxy (Gray, w/ non-skid)

### **OPTIONS:**

We're open to any ideas.