

Windshield Series 19' – 27' Severe Service Aluminum Work Boats



1. DESIGN

The Workskiff Windshield model is a rugged and durable work vessel designed to meet the demanding needs of military, commercial and rugged recreational users. It is a versatile boat that can be used for work and recreational needs where protection is important, but an open aft deck is a requirement. This boat is outfitted with a walk-through windshield or a front deck-over windshield.

The open aft deck can accommodate seating for multiple passengers, deck storage boxes for work conditions and other options to meet your individual needs. The Windshield Series is field-tested and is a proven performer.

All Workskiff boats are Naval Architect designed to exceed U.S. Coast Guard standards. The hull is constructed of 5086 welded aluminum plate alloy. Bottoms, sides and transom are continuously welded on both sides for strength and durability. The hull is manufactured with a ¼" bottom, and transom and 3/16" sides that are welded to longitudinal members. Twin 50-gallon (100-gallon capacity) aluminum fuel tanks are in the hull and the hull is filled with polystyrene foam for buoyancy and flotation. The aft and forward decks are aluminum plate watertight welded over longitudinal stiffeners then covered with a non-skid compound. Scuppers are provided in the port and starboard stern corners for draining through the transom.

The result is a **rugged, self-bailing, virtually unsinkable hull** with a clean exterior design and optimal fuel efficiency.

2. QUALITY & WORKMANSHIP

Workskiff was established in 1989 with the mission to build the strongest severe service aluminum workboats in the industry. Through out the years we have built over 500 boats for organizations like the US Navy, Shell Oil Co., Sirius Maritime, SEAPRO, NOAA and the California Department of Fish and Wildlife. We go to great lengths to craft a work vessel to meet our customer's demanding needs so they can focus on doing what's important to them—whether that is responding to oil spill clean-up, conducting research, providing homeland security or accessing a remote cabin in Alaska.

Each vessel is constructed in our Burlington, WA facility under rigorous quality controls to ensure they meet or exceed U.S. Coast Guard inspected and American Boat and Yacht Council (ABYC) standards.

Our welders are required to pass rigorous testing and adhere to all current safety standard in the construction of boats and the handling of hazardous material. All plate material is precision cut by "state-of-the-art" computer controlled plasma or router cutters to insure the highest level of accuracy and consistency.

All equipment, materials and facilities conform to generally accepted marine industry practices for boat manufacturing and diligent care is taken to ensure they are handled properly.

3. FEATURES

- Deep "V" Hull
- Windshield wiper system
- Welded aluminum "non-slip" deck
- Self bailing deck with 2" scuppers
- Transom cutout for long shaft outboard engine
- Large splash well
- Zinc Anode corrosion protection
- Transducer mounting bracket
- Stainless steel drain plug
- Foam filled hull, bow and stern compartments
- Gunwale cap from bow to stern
- Welded aluminum cleats
- Heavy duty bow and transom eyes
- Pedestal seats - 2
- Scratch resistant, brushed matte finish inside
- Stainless steel fasteners throughout
- Teleflex hydraulic steering
- 12Vdc electrical system
- Dyno Group 24 battery
- Battery box and bracket
- Blue Sea waterproof 6 breaker panel
- Battery on/off switch
- Engine and house circuit breakers
- Twin aluminum built in fuel tanks
- Fuel manifold system
- RACOR fuel filter and water separator and out

SPECIFICATIONS

Length	19'	21'	23'	25'	27'
Beam	8'0"	8'6"	8'6"	8'6"	8'6"
Midship Depth	44"	44"	53"	53"	53"
Deadrise Angle	13°	13°	18°	18°	18°
Fuel Capacity (gal)	60	60	100	120	120
Cleats	(3) 8"	(5) 8"	(5) 10"	(5) 10"	(5) 10"
Weight Capacity	2,500 lbs	2,500 lbs	4,000 lbs	4,500 lbs	5,000 lbs
Person Capacity	9	9	12	12	12
Recommended HP	150	150	250	300	300
Engine Capacity	Single	Single	Single/Twin	Single/Twin	Single/Twin
Shaft Size	25"	25"	25"	30"/25"	30"/25"

4. SCANTLING

	Thickness	Aluminum Material
Bottom*	0.250"	#5086
Sides	0.190"	#5086
Transom	0.250"	#5086
Deck	0.190"	#5086
Seat Boxes/Lockers	0.190"	#5086
Console	0.190" top, 0.125" sides	#5086

5. PROPULSION PACKAGE

Workskiff boats are powered by a single or twin outboard engines. We generally outfit our boats with Honda, Yamaha, Mercury or Evinrude engines.

6. ENGINE CONTROLS AND STEERING SYSTEM

Instrumentation & Controls:

Instrumentation gauges are selected and installed based on original equipment manufacturer (OEM) specifications depending on the engine type requested. Top mounted binnacle or side-mounted controls are provided.

Positioning:

All controls, instruments, gauges and switches are mounted for ease of operation and observation from the pilot's normal operating position.

Steering:

"No feedback" mechanical steering is installed on hull lengths 16'- 21' unless otherwise requested. Tele-flex hydraulic steering system is outfitted on 23'- 25' hulls. Hatch door for servicing and a deck soft patch.

7. FUEL SYSTEM

All 19' – 27' models come equipped with baffled aluminum fuel tanks. The system includes stainless steel fittings through out, A1 fuel hose, a fuel manifold system and RACOR fuel filter and water separator. The fuel tank is accessible through an aft hatch door for servicing and a deck soft patch.

8. ELECTRICAL SYSTEM

The Windshield Series is outfitted with a 12Vdc electrical system and a Dyno group 24 battery, a battery box, six (6) breaker Blue Sea waterproof breaker panel, and engine and house circuit breakers. We exclusively use marine grade copper wire and cabling with tin coating throughout our system for the highest level of corrosion resistance and performance.

All electrical components are protected with circuit breakers instead of fuses to ensure that simple fuse outages don't render a vessel inoperable.

Additional circuit breaks can be added to accommodate electronic options.

9. SEATING AND STORAGE CONFIGURATION

Seating and storage configurations are primarily driven by the needs of the operator and crew. Therefore, we consult with our customers on seat selection, deck layout and storage options in order to maximize the efficiency of the deck space to meet individual work requirements.

We stock, Bentley, Garelick and Todd pedestal seats and cushions and we custom build different size box storage seats or leaning box seat and cushions.

Whatever, the need we can build it.

10. ELECTRONIC EQUIPMENT

Workskiff installs a variety of different electronic equipment including VHF radios, GPS, radar, sounders, and hailers.

11. OPTIONS

A variety of options are available including:

- Tow post
- Push knees
- Snub bow
- Safety screen
- Dive door – removable/floating
- Anchor mount
- Anchor packages
- Rosemount
- Hand railing
- Lifting eyes
- Swim step
- Ensign staff and socket
- Kicker mount bracket
- Plate over gunnels
- Radar arch
- Downrigger mounts
- Beaching plate
- Keel channel
- "D" Rubber railing
- Rubbing strakes
- Soft patch
- Fire extinguisher bracket
- Davits
- Deck working lights
- Remote spot light
- Safety equipment
- Hull paint
- Anti-foul bottom paint
- Shrink wrap
- Custom console & boat cover
- Engine break-in
- Generators
- Shore power
- AC power supply

12. SEA TRIALS

All boats are system checked and wet tested in our production facility. Sea trials can be arranged for an additional charge and should be negotiated at the time of sale.

13. SHIPPING

Workskiff ships anywhere in the United States and globally. Terms are F.O.B. factory.

14. TERMS

We require a 50% deposit at sale to begin construction of the boat and the remaining balance at time of shipment.