

SPECIFICATIONS

LOA	15' 4"	4,60 m
Max Beam	5'	1,50 m
Hull draft	4"	10 cm
Hull Weight	135 lbs.	55 kg
Max HP	25	
Material	Plywood Cored Epoxy Composite	

All specifications are approximate and subject to changes in function of the mood of the designer and the skills of the builder . . .

BUILDER THREADS ON OUR FORUM

[GK's D15 - Georgia - USA](#)

[Putter's D15 - South Carolina - USA](#)

[mcreatures D15 - Indiana - USA](#)

[cj3a - sin city D15 - USA](#)

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DESCRIPTION



The Indian River Skiff is a planing hull with a flat bottom similar to our power dories but lighter, more economical, and faster to build. Capacity is 3 to 5 persons depending on circumstances. She will plane with a 10 HP, max. power is 25 HP with remote steering. Some builders have installed a small center console. At 5' wide, she can be rowed in case of emergency or for a silent approach to a fishing spot. This boat's transom is designed for a standard 15" shaft. The transom can easily be modified to accept other shaft lengths.

BUILDING METHOD

She is built from inexpensive boatbuilding plywood, completely fiberglass on the outside, epoxy coated in and outside, for easy maintenance and long life. The assembly method is "stitch and glue": the 1/4" (6mm) side panels, cut from our full-size patterns, are bent around the mid frame, fastened to the transom, and joined at the bow with stitches. No scarfing is needed: the sides and bottom are cut from standard 4x8 plywood (122x244cm), joined with a simple butt block that is strategically located right under the mid frame. This double thickness hidden under the mid frame, acts as a structural reinforcement. All seams are taped with fiberglass and epoxy, see our "Stitch and Glue" manual for details. No beveling is required. These epoxy seams are much stronger than the plywood. The 1/2" (12mm) plywood bottom panel is scribed from the assembled sides and installed the same way. More framing is installed after hull completion, including the two longitudinal cockpit sides which act as stringers. They are also taped with epoxy-fiberglass to the bottom and transom. The assembled hull is completely fiberglassed for extra strength and easy maintenance: such a boat requires less maintenance and looks better than a production fiberglass hull.

REQUIRED SKILLS

The drawings show all construction details with dimensions for the expanded side panels and frames. Full size patterns for the sides and frames are included. As all our stitch and glue boats, the D15 is very easy to build. No woodworking skills or special tools are required. The plans include all dimensions and patterns to cut all the hull parts flat on the shop floor. No scarfing required. This boat can be built by a first-time builder. See our tutorials pages for a complete description of the building method.



OPTIONS

The plans include three different layouts: the cockpit style shown above, a traditional set up with three transversal benches and a full deck. The cockpit layout is very convenient: there is ample room and access under the benches for batteries, portable fuel tanks and gear. Buoyancy foam can be added to make the boat unsinkable: we specify amount and location on the plans.

LABOR

The average amateur should be able to assemble this hull in less than 20 hours, 50 hours of labor being a maximum for a boat show type finish.

BILL OF MATERIALS

Plywood (4x8' – 122x244cm)		
6 mm (1/4")	2	
9 mm (3/8")	3	
12mm (1/2")	2	
Also see our CNC Kit , which is a precut plywood kit that includes all the plywood needed to build the boat as designed.		
Fiberglass Fabric and Tape		
Fiberglass Biaxial Tape 45/45 12 oz., no mat, 6 in.	50 yards	46 m
Woven Tape 6 oz., 4 in.	50 yards	46 m
Woven Cloth 6oz., 50 in.	5 yards	4,6 m
Resin		
Epoxy	4 1/2 gallons	5.7 liters
Also see our MarinEpoxy or Silvertip Epoxy kits which include all of the epoxy and fiberglass listed.		

This BOM covers all the supplies for this boat as designed. Usage of materials will vary in function of several factors. An experienced builder will use less resin. First time builders always use more resin, take that in account. Our resin usage calculations are based on a 50% glass content. Options, customization, and variations in fabric and foam cutting preferences will also affect the Bill of Materials. Our figures show an estimated average. Small variations in fiberglass specifications are acceptable, consult us for substitutions.

MORE

Visit our [forum](#), help pages, tutorial pages and read our FAQ: most questions are answered there.

LICENSE

As with all our plans, you have the right to build one boat from those plans. The designer holds the copyright to the design, and you purchase a license to build one boat. If you plan to build more than one boat, please contact us about licensing fees.








BUILDING STANDARDS

These plans were drafted according to the ABYC rules. The ABYC (American Boat and Yacht Council) defines the boat building standards in collaboration with the USCG. Professional builders may be subject to more requirements. Consult the designer.

The ABYC standards are very close to the ISO norms and CEE requirements, but no European certification was applied for since this is not required for amateur boat building in Europe. CEE/ISO certification is available to professional builders for a fee.

PLANS PACKING LIST

Plans are available in metric or US units.

-  6 Detailed drawings, large scale with all dimensions required to cut the sides, bottom and the bulkheads from flat plywood sheets: no lofting, no templates required.
-  Drawing List:
-  B129_1 Concept, Plan and Profile, Lines
-  D129_2 Construction
-  D129_3 Expanded Plates and Nesting
-  E129_FS1 Full Size Patterns Frames
-  E129_FS2 Full Size Patterns Sides and Bottom