



Specifications:		
LOA:	16' 6"	5 m
Max. Beam:	7'	2,15 m
Hull draft:	5"	12 cm
Hull weight:	500 lb..	220 kg
Max. HP	40	
Material:	Stitch & Glue	



The displacement at DWL is 1,500 lb. (680 liters). The PPI is 298 lb (53.3 kg/cm).
 A US Coast Guard capacity tag would show max. capacity 4 persons or 650 lb., 950 lb. persons motor and gear.
 Max. 25 HP with tiller steering, 40 HP with remote steering. It would be very easy and legal to calculate a tag for 7

persons and 1,700 lb. but the boat would be crowded.

The boat was tested with a 70 HP but we do not recommend more than 40.

This boats transom is designed for a standard 20" shaft. The transom can easily be modified to accept other shaft lengths.

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

Building method:

The construction is epoxy-plywood composite, a second generation stitch and glue, designed for efficient and fast building: no jig to set up, no complicated framing. The hull is built upright on the flat cockpit sole. The sides are cut from standard 4x8 sheets of 1/4" plywood and the plans give accurate dimensions for all the hull parts and for the center console. All parts are cut flat on the floor: no need for patterns or a jig. We created a separate web page describing the building step by step, from the keel up (100Kb+): click on ["building method"](#) .



Required Skills:

As all our stitch and glue boats, the OD16 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 build by a first time builder. See our tutorials pages for a complete description of the building method.

Options:

We show three layouts: center console, transversal seats (thwarts) and a side console. The plans include separate instructions and plans for the center console and for the side console. Some builders added a gunwale, [instructions here.](#)



Bill Of Materials:

(Excerpts from our BOM)

The BOM list materials based on our standard layout and includes a 15% waste factor for resin and fiberglass. For plywood, we use standard sheets 4' x 8' (122 x 244 cm). Please read the building notes and see the plans for detailed specifications. Okoume marine can be used and cost usually less than \$50 per sheet (1/4"). See our [online plywood store](#) for the best prices on marine plywood.

Plywood 4x8' (122x244cm)		
1/4" (6mm)	5	
3/8" (9mm)	1	
1/2" (12mm)	6	
3/4" (18mm)	1	
Fiberglass (totals)		
Biaxial tape	75 yards	70 m
Woven tape	23 yards	20 m
Woven fabric	65 sq.ft	6 m2
Resin		
Epoxy, total	5 to 7 gallons	20 to 28 liters

Labor:

The prototype was built by a first time builder in less than 100 hours, most of that time being spent arguing with the designer about building methods . . . An inexperienced builder with only a few hand tools can build this hull in less than 80 hours.

More:

Visit our message board, help pages, tutorial pages and read our FAQ: most questions are answered there.

Plans Packing List:

- 7 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:
 - B208_1 Plan & Profile
 - D208_2 Construction
 - D208_3 Frames
 - D208_4 Nesting and Expanded Plates
 - B222 Dory Side Console and Notes
 - B187 Standard Center Console and Notes
 - B221 Typical Small Boat Electrical
 - Building notes including a detailed description of the assembly sequence and building tips
 - Bill Of Materials (on the blueprints)
 - Help files reference list and more.

© 2016 - 2020 TwoMorrow Holdings LLC
7485 Commercial Circle,
Fort Pierce, Florida USA