

Our office is along the Indian River in Florida and it's the perfect place to sail a sharpie. This one is a good sail boat, decent row boat and can also take a small outboard. She is designed for sailing first, rowing a close second but the possibility to use an outboard was given low priority. This explains the pinched stern. But this boat does not need an outboard: she rows and sails well. She is designed with a sprit rig. In short: an easy to build multi-purpose boat, large enough to take the family out in protected waters.

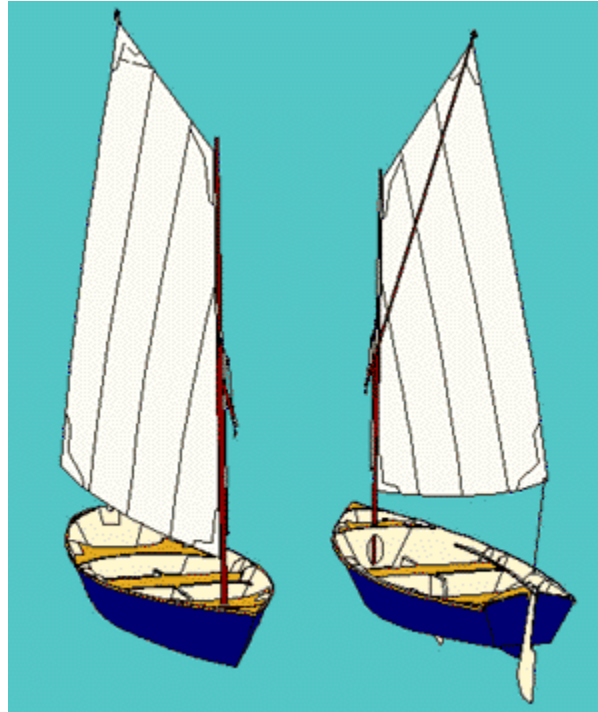
Specifications:		
LOA:	14'	4,25 m
Max. Beam:	4' 6"	1,35 m
Max. HP:	2	outboard
Designed weight:	130 lbs.	60 kg
Sail area:	65 sq.ft.	6 m2
Material:	Stitch & Glue	



Building method:

This boat is built from flat plywood panels assembled with epoxy-fiberglass tape. The construction method is called "stitch and glue". For a detailed description of the stitch and glue boat building method, see our "How To" section where you will find a complete illustrated tutorial as well as information about epoxy, fiberglass and plywood.

The spars (mast and sprit) are made from 1x3 boards (12x30 mm) epoxy glued together. No shrouds required: very simple.



Required Skills:

There is nothing difficult about building a sharpie: a flat bottom boat like this one goes together fast and easy. There are no plywood scarfs: we use very simple butt blocks.

No woodworking skills or special tools are required.

Options:

There are no options for this boat but some builders have used other sailplans like a traditional triangular sharpie sprit sail.

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.

This boat can be built from inexpensive exterior plywood since it is completely coated with epoxy resin.

Plywood 4x8' (122x244cm)		
1/4" (6mm)	2	
3/8" (9mm)	4	
Fiberglass (totals)		
Woven tape	100 yards	90 m
Resin		
Epoxy, total	3.5 gallons	14 liters

Labor:

The average construction time for the hull is 25 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:
- B98_1 Concept
- D98_2 Sail Plan, Plan and Profile
- D98_3 Frames, Expanded Plates
- D98_4 Nesting
- D98_5 Full Size Patterns - Frames
- D98_6 Full Size Patterns - Sides
- D98_7 Full Size Patterns - Appendages
- Building notes including a detailed description of the assembly sequence and building tips.
- Sprit Rig Notes
- Bill Of Materials
- Help files reference list and more.

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