



This is an enlarged version of the Flat Skiff 11' 6". She requires two more sheets of plywood but is still very easy and fast to build. If you ever thought of buying one of the aluminum utility boats sold by department stores, build this one instead. She will cost you less, look better and you can customize her easily to fit your preferences. She is designed for small outboards up to 7.5 hp but a 1.5 hp outboard will move her at hull speed. She is not a planing boat: look at the rocker in the bottom but she can be rowed in case of need.

<b>Specifications:</b>		
<b>LOA:</b>	14'	4,25 m
<b>Max. Beam:</b>	4' 6"	1,35 m
<b>Max. HP:</b>	7.5 HP	outboard
<b>Designed weight:</b>	110 lbs.	50 kg
<b>Material:</b>	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.

#### **Required Skills:**

The FL14 skiff is very easy and fast to build thanks to her flat bottom. There are no plywood scarfs, we use simple butt blocks. The sides are cut from standard sheets of plywood.

No woodworking skills or special tools are required.

#### **Options:**

Except for the buoyancy foam, there are no options for the FL14 but many builders have customized her to fit their needs.



**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.

<b>Plywood 4x8' (122x244cm)</b>		
1/4" (6mm)	4	
3/8" (9mm)	2	
<b>Fiberglass (totals)</b>		
Woven tape	50 yards	45 m
<b>Resin</b>		
Epoxy, total	3 gallons	12 liters

**Labor:**

The average construction time for the hull is 20 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:
- B126\_1 Plan and Profile
- D126\_2 Expanded Plates and Nesting
- D126\_3 Construction
- B126\_4 Typical X-Section
- E126\_5 Full Size Patterns - Sides
- E126\_6 Full Size Patterns - Frames
- B225 Seat Lockers
- Building notes including a detailed description of the assembly sequence and building tips
- A Bill Of Materials
- Help files reference list and more.