

## BABSON ISLAND 14 MATERIALS LIST

Here is a list of the materials that that I used to build the prototypes. Feel free to make substitutions. For example, I used clear pine to build the prototypes. It is easy to get in Maine and an easy wood to work for first time builders. If you have some nice Mahogany out in the barn, use it! I chose Occume plywood because it's light, easy to scarf, and planes real nice. If your skiff is going to live on a mooring and see some heavy use or neglect and weight is not a concern, you might choose the more expensive Sapele plywood. -Tom Hill

### BUILDING JIG

STRONGBACK: 1x 8 clear clear poplar 2 at 13'  
CROSSPALLS: 1 x 8 clear poplar 3 at 30"  
STATION MOLDS: 2½ sheets of MDO plywood, faced both sides  
MOLD CLEATS: 1" X 2" 20 lineal ft.  
CHINE BLOCKS: 1½" x 1 ½" 3 ft.  
JIG TRANSOM: ½" MDO plywood (out of station mold stock)  
STEM AND TRANSOM PROFILES: ½" MDO plywood (out of station mold stock)  
FASTENERS: 2 handfuls of 2" course thread drywall screws and 1 handful of 1¼"

### HULL

TOPSIDE: 2 sheets of 6mm. Occume plywood (1/4")  
BOTTOM: 2 sheets of 9mm. Occume plywood (3/8") or (1/2") for a heavier, more rugged hull. (1/2") is required for the power boat version  
TRANSOM: 5/4" solid stock or ¾" plywood  
INNER STEM: 1½" x 1¾" x 2' pine  
OUTER STEM: 1½" x 1" x 2' pine  
SEAT RISERS: ¾" X 2-1/4" X 12' pine  
OUT WALES (guard rails): 1¼" x ¾" x 12' pine  
FRAMES: 5/4" X 1½" x 16' pine  
SEATS: 1" x 12" x 14' pine  
KEEL: ¾" x 3" x 14' pine  
SKEG: ½" plywood glued up from scrap planking stock  
CHINE LOGS: 1-1/2" x 3/4" x 14'  
SHEER RIBBAND: 1-1/4" x 3/4" x 15'  
  
BRASS HALF OVAL: 6' for use on stem and skeg  
FASTNERS: 1 box of 100 each size 1 ½" # 8, 1¾" # 8, 1" # 8, 1 ¾" #12, bronze or stainless  
EPOXY: 1 Gallon  
SPARS: 12" x 12" x 8'  
RUDDER AND DAGGER BOARD: 1 ¾ x 4' x 8' plywood sheet  
PINTLES AND GUDGEONS: 1 set  
SPRUCE OARS: 7'6" or better yet, 8' LONG

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Tel: 1.800.273.SHIP (7447) Fax: 207.359.2058 [wbstore@woodenboat.com](mailto:wbstore@woodenboat.com)