

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'
CROSSFALLS: 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 1½"

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): 1½" 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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