

DECK BEAMS: White oak, to crown 7" in 10'0". Heavy beams 2 1/4" x 2 1/4"; others 1 1/4" x 2 1/4". Beams notched over shelf. Beams fastened with one 1/4" bronze or galvanized bolt to shelf and one 1/4" drift into clamp. Short beams to be dovetailed into fore and aft carlins and fastened with a single heavy boat nail. Underside of beams carefully smoothed and corners rounded.

FORE AND AFT CARLINS: Oak, sided 2 1/4", molded 2 1/4", dovetailed into heavy beams.

MAST PARTNERS: Oak, 2 1/8" thick. Halved into beams. To have two 1/2" through bolts.

PLANKSHEER: Of mahogany, 1 1/8" x 5", laid in not more than three pieces, each side, lock-jointed with not less than 15" scarfs, edge bolted and caulked, bolted to beams and drive fastened to sheerstrake.

DECK: Of white pine, free from knots, etc., dressed 1 1/8" x 2", and laid parallel to planksheer, fastened to deck beams with 2 1/2" galvanized boat nails or bronze ring nails, well countersunk and bunged in white lead. Ends nibbed into kingplank. Seams to be caulked with cotton and payed with Kuhl's composition or marine glue.

COCKPIT: Beams oak, 1 1/4" x 2 1/4". Beams sided 2 1/4" in way of hatch. Floors same as deck. Two 1 1/2" heavy lead pipe scuppers at each forward corner, flanged to floor and planking. Flanges fastened with bronze screws. Leather flaps at outlets. Sides and ends of 7/8" mahogany staving, fastened into rabbetted sill at bottom and to sill at top. Coaming of mahogany, steam bent and bolted or screw fastened to deck beams. A 2 1/2" x 1 1/4" mahogany cap rabbetted over coaming rail.

HANGING KNEES: Two pair of hackmatack knees will be fitted at mast partner as shown.

LODGING KNEES: Lodging knees and chocks will be fitted where shown.

CEILING: Of 1/2" white pine, about 3" wide, beaded, tongued and grooved, to extend from forward end of forecabin to aft end of the engine room, and from clamp to flooring. All bulkheads to be put in after ceiling is laid.

CAULKING: Planking to have two threads cotton caulking, payed with paint or white lead and filled with white lead putty. Decks to have two threads, filled with Kuhl's composition or marine glue.

BITTS: Forward bitt 2 1/2" x 4" oak double to fit Size D Gypsy windlass, bolted to floor timber. Tops of bitts to be covered with brass.

WAIST: Mahogany, sided 7/8", fayed close to planksheer and well edge bolted, scuppers to be cut near low point in sheer.

RAIL CAP: Mahogany, oval (elliptical), and in section 1" x 2 1/4" scored over waist 3/16" and joints to be long hook scarfs.

HOUSE: Sides and ends of 1 3/8" hard pine or mahogany, molded as shown and through bolted to beams and carlins. Beams to be white oak, sided 1 1/4", molded 1 1/2", spaced about 12" on centers, crowned 8" in 6'9". To be dovetailed into sides. Beams to be sided 2" in way of hatches. Top to be tongued and grooved white pine 1" x 3", free from knots and sap with lower corners slightly Veed. To be covered with 10 oz. canvas laid in paint. Edge of canvas

turned over house sides and covered with half-round mahogany.

TIE RODS: Three 5/8" tie rods to be placed each side of house, bolted through carlin and shelf.

SHAFT HOLE: Shaft hole through deadwood for 1" shaft. To be lead lined.

ENGINE BED: Bearers of white oak 3" thick, bolted to floors and stringers. Floors under engine bed to be thoroughly chocked and bolted together. Joints between floors to be carefully trued up. Hull to be cemented under engine bed to form, in effect, an oil pan draining to sump at a point easily reached.

DECK JOINER WORK: There will be one hatch and one companionway constructed substantially as shown of Honduras mahogany. Tops to be not less than 1 3/8" thick. Hatches to be fitted with sufficient number of heavy fasteners, so as to be secure but easily removed. Companionway to have panelled drop slide. Sliding cover to have brass weather guards and 1/6" brass on slides. Wheel box of 5/8" mahogany sides and 7/8" mahogany top. An access hatch will be fitted in cockpit floor as shown. Alternatively, a flush-mounted brass manhole, about 18" in diameter, may be fitted.