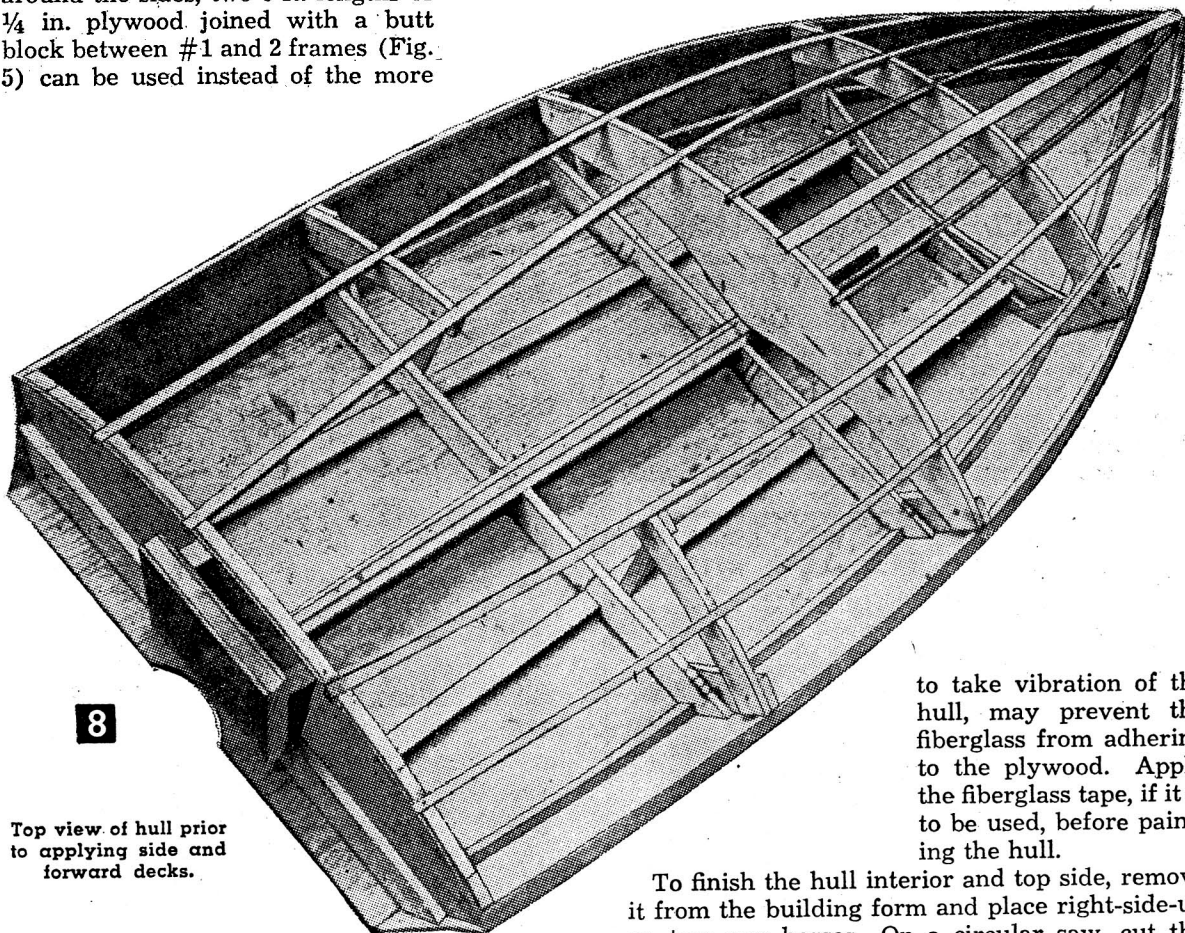
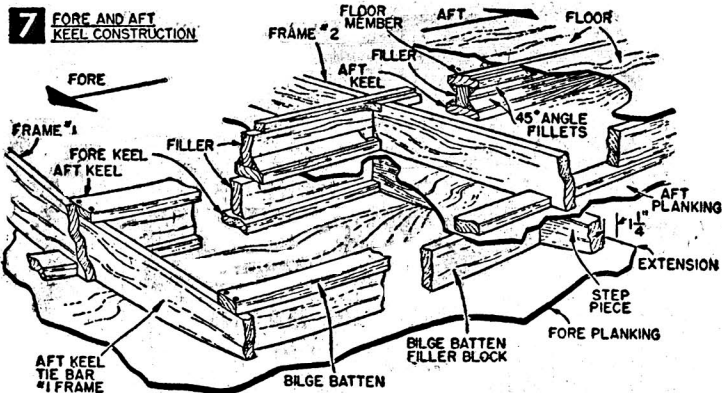


planking is clamped in place. Recut if necessary to make a tight seam. Be sure that the planking extends beyond the step piece as in Fig. 5. Mark along chines for final trimming and along frame members for spot drilling to locate screws. Then remove, trim, reassemble and fasten with glue and #6 x 1 in. *fh* screws as you did the aft planking. When the glue dries, plane the edges of the planking flush with the chines.

Since Spitfire measures a few inches over 10 ft. when measured around the sides, two 6 ft. lengths of 1/4 in. plywood joined with a butt block between #1 and 2 frames (Fig. 5) can be used instead of the more



8  
Top view of hull prior to applying side and forward decks.

expensive 12 ft. lengths of plywood. Temporarily clamp the plywood to the sides, starting at the transom and working forward. Mark, remove and trim the plywood to shape. Coat the chines and transom with Bedlast and the clamp, frames and butt block with waterproof glue. Reclamp to the frame and fasten with #6 x 1 in. *fh* screws spaced 2 in. apart, to every frame member except the clamps where 3/4 in. galv. nails are used. After installing the planking to both sides of the frame, plane the edges flush with the bottom planking. If you intend to cover chine corners, transom and slit seam in fore planking with fiberglass tape and resin, use waterproof glue instead of bedlast where planking joins transom and chines. Bedlast, which always remains elastic

to take vibration of the hull, may prevent the fiberglass from adhering to the plywood. Apply the fiberglass tape, if it is to be used, before painting the hull.

To finish the hull interior and top side, remove it from the building form and place right-side-up on two saw horses. On a circular saw, cut the two 1/4 x 3/4 in. rabbets in the floor member (Fig. 9), and fit into notches cut in the bottom frame members. From 3/4 in. thick stock make the three filler blocks between the keel and floor member (Fig. 9). Coat with glue and fasten to keel with 45° angle fillets toe nailed through fillets with 1 1/4-in. galv. nails (Fig. 9). Then place the floor member in position and fasten to the frames and fillers with #8 x 1 1/2-in. *fh* screws spaced 4 in. apart. Add fillets to underside of floor member.

The previously cut deck beams are now bolted in place. Use one 10-32 x 2-in. roundhead (*rh*) machine screw to each joint with washers on each side. Make the motor board and angle blocks as in Fig. 9. Coat 3 in. beveled area of motor board with Bedlast and fasten to exact center of outer