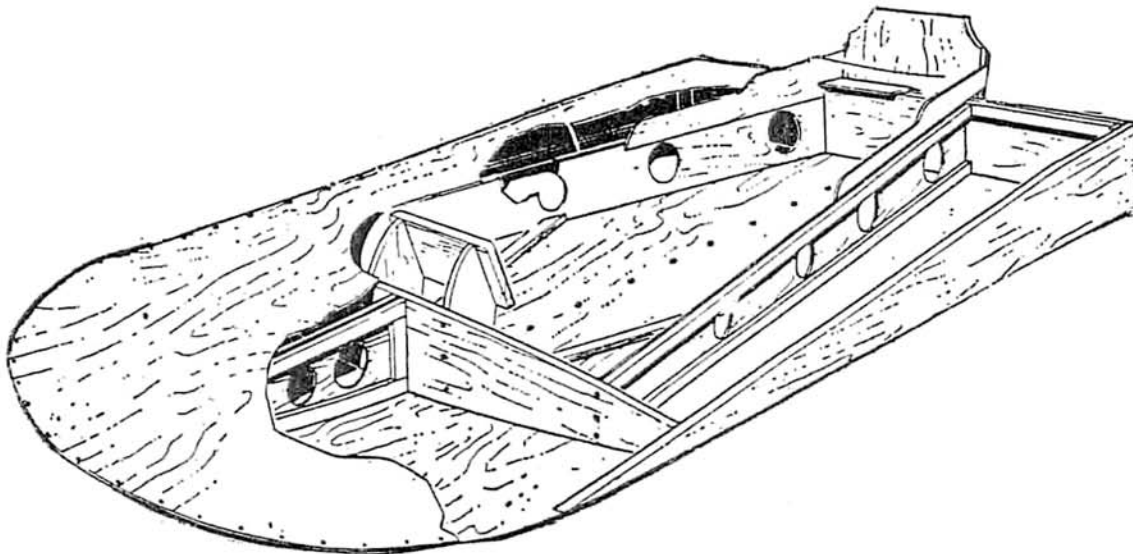


MINIMAX



Most boat for the least money is this happy little hot rod racing dish. One weekend of work, or even one day if you're experienced, will have you ready for the water for under \$20. Clamp on a small outboard, and go....

■ Minimax is exactly what the name implies—a boat requiring the minimum in time and material to build to give you the maximum in performance and water-sport fun. Actually, Minimax was built in one day at a cost of \$20. It will carry two people, take outboard motors ranging from 3 to 15 *hp*, has a watertight air compartment that will support 900 lbs. even with the cockpit completely filled with water.

As to performance, Minimax will plane a 165 lb. man up to 15 *mph* with a 3 *hp* outboard motor. With 10 *hp* and over (Fig. 1), the hull planing area diminishes until Minimax becomes air-borne and rides upon the motor's cavitation plane.

Only two pieces of 4x8 ft. ¼ in. thick plywood and ordinary lumber stock are required. Framing is held to an absolute minimum with plywood skinstressed to offer greatest strength and light weight. Complete and ready to go Minimax weighs only 68 lbs. and may be handled by one man on a car-top carrier. No building form is required because the hull is developed on the plywood

as the work progresses.

Start by marking a centerline lengthwise on a 4x8 ft. sheet of ¼ in. plywood. If you are using AC grade exterior plywood, mark the C side so that it will be on the inside of the hull. Then using a yard stick with a hole in one end for a pencil, drive a nail 24 in. from the pencil hole and mark a semicircle on what will be the fore end of the plywood bottom as in Fig. 2. Also measure 30 in. from the fore end and lay out the gore or segment. Saw out the gore first, then the 24 in. semicircle.

Now, taking the other sheet of ¼ in. plywood which will be used for the deck, again lay out a centerline and 24 in. semicircle on the C side. Also lay out the cockpit opening as in Fig. 2 and the coaming, stringer and fore strut pieces on the part to be cut out for the cockpit opening. No gore or segment is cut in the deck. Saw out the deck and other pieces and fasten ¾ x 1½ in. reinforcing strips with waterproof glue and 1 in #14 galv. *Stronghold* nails to the plywood fore strut and stringer pieces as in Fig. 2.