

HYDRO-KART

Three-Point Hydroplane Uses Dual Kart Engines

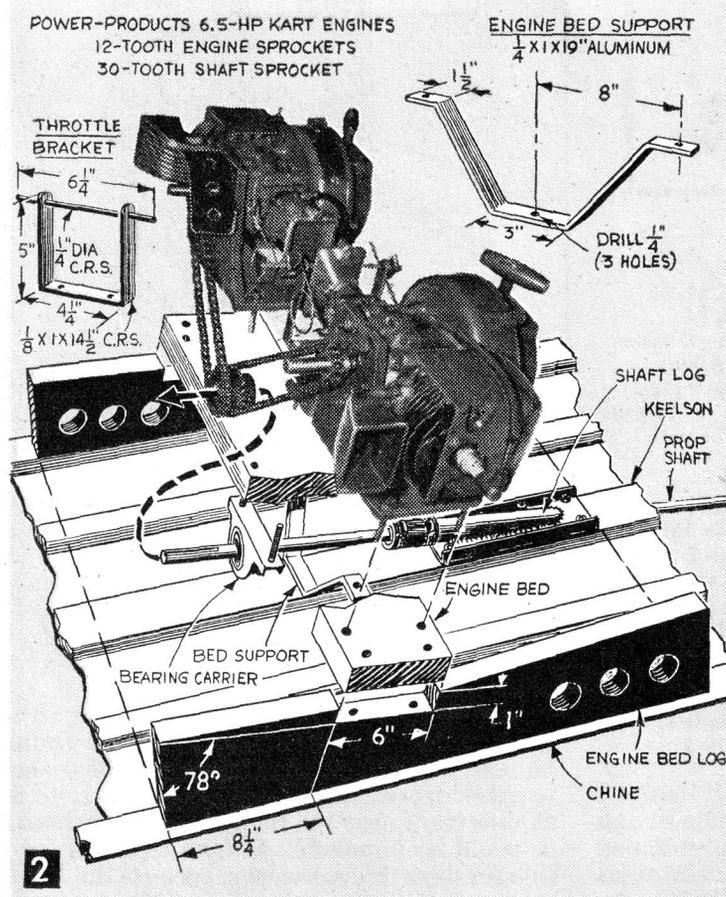
You've enjoyed karting—now try Hydro-Karting by using those high-speed air-cooled engines to drive this 50-MPH competition-type hull that you can build

By WILLIAM JACKSON and WAYNE ISON

Editor's Note: Most S&M readers will remember Wayne Ison, engineer and veteran kart driver, for his micro-midget racer and championship kart projects and will be glad to know there'll be more of them soon. And, of course, we all know Bill Jackson, whose boating projects have been appearing on the pages of S&M for close to 30 years. Now, however, we have their combined talents in a single project that is designed to provide thrills aplenty whether you're a karting or a boating fan.

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HAVE you been wondering what it would be like to run your kart engines on a small three-pointer at top speed with so little of the boat in the water the sensation is that of flying? Here's your opportunity to get in on karting fun afloat for as little as \$98 and your spare time for one week.

If your goal is competition, you'll want to keep the weight of your Hydro-Kart below 100 lbs. The best way to do this is to use 1/8-in. mahogany plywood over spruce framing with bronze or monel fastenings. For economy, however, you can use fir exterior plywood and galvanized fastenings which may put you just over the 100-lb. mark, but will not noticeably affect performance.

Unless your lumberyard stocks 1/8-in. plywood, order it in advance so you have it on hand when you are ready to plank the frame.

Your First Step when building the S&M Hydro-Kart is to make or buy full-size drawings of the bow plate (Fig. 5C) and the frames (Fig. 4). If you wish to buy these, you'll find details for ordering the complete set of full-size patterns at