

Semi-Scale 1973 Pay-n-Pak

The Winged Wonder

These are the basic assembly instructions for the Pay-n-Pak hydroplane kit.

Tools needed: Sandpaper, Xacto knife, CA Gap filling glue, Spackling compound, paint, and a bit of modeling skill since the directions are not all that detailed.

Check all of the part for burrs and seams from the 3d printing process. They can be cleaned up with the Xacto blade and/or sanding. Rough areas can be filled a bit with spackling compound and sanded.



Attach the upper and lower sections of the hull using CA glue. In order to get a smooth surface for the deck and sponsons you will likely need to apply a layer of Spackling compound, then sand with 150 grit paper to get a smooth surface. Finish sanding with 320. I find that it is easier to do that before attaching the sponsons to the main hull.

To attach the sponsons, make a mark on the sponson at the front of the main body about 4mm down from the top off the sponson. This gets the deck to drop below the level of the sponsons at the front of the boat. The rear of the sponson should be flush with the deck. Attach with CA glue. Some sanding for a smooth transition from the deck to the sponson may be required.



Don't attach the horizontal wing until the end of assembly. It gets in the way when doing the decals.

Attach the Merlin exhausts to the Merlin motor just below the head covers with CA glue.

This is probably the time now to paint everything white, then use black on the inside of the motor bay and cockpit. You might also use a bit of silver for the instrument panel. The motor is a combination of black, silver head covers and white exhaust stacks. I used Perfect Match Universal White and Perfect Match clear coat for my paint, which is available at auto parts stores. I used Tamiya acrylic black and silver paint applied with a paint brush for the non white areas. As a water based acrylic it is compatible with the Perfect Match paints.

The decals are all water slide. Cut them out leaving about 1/16 inch around the colored sections. Dip in water for 30 to 45 seconds. Carefully slide the decal off the paper and onto the boat. Remove excess water with a tissue. Most of the decals are longer than needed, and can be trimmed with an Xacto blade to the right

length. Follow the pictures above for decal placement. I started with the decals for the vertical fin and front of the cockpit since they are difficult to place.

Clear coat the model after decal placement.

Glue the horizontal tail to the uprights; glue the motor into the engine bay.

Extra bits:

Bracket and rudder, painted silver and attached to the transom. The bracket is a plate with 4 little "arms" in the corners.

Strut, driveline and prop – also painted silver, glued to the bottom of the hull. The strut is a small "T" shape, the drive line is a sender rod. The triangular prop is not pictured here, and it is really a crude representation, but attaches to the shaft and strut. If you really get carried away, drill a small angled hole in the hull so that the drive line comes out of the bottom of the boat.

Steering wheel – silver and black, attached to the instrument panel.

