

Semi-Scale 1980 Pay-n-Pak Turbine

These are the basic assembly instructions for the 1980 Turbine Pay-n-Pak hydroplane kit.

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

Check all of the part for burrs, seams and layering from the 3d printing process. They can be cleaned up with the Xacto blade and sanding. The layering can be sanded then filled a bit with spackling compound and sanded to get a smooth deck surface.



Attach the upper and lower sections of the hull using CA glue and aligning the pieces to be even at the transom

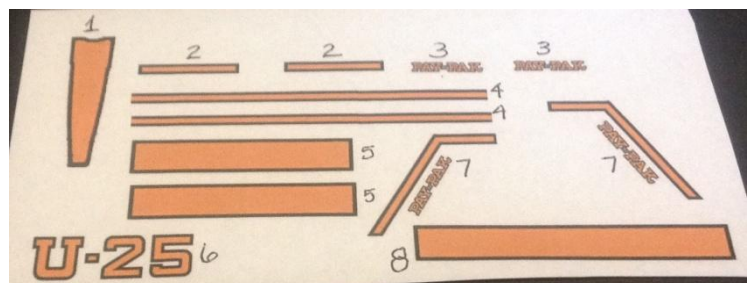
Attach the sponsons using the small tabs and holes for alignment using CA glue. The holes in the sponsons may require cleaning with an Xacto knife. Some filling or sanding for a smooth transition from the deck to the sponson may also be required.

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

This is probably the time now to paint everything white, then use black on the inside of the cockpit, the intake scoops and the inside of the turbine exhaust.. Use silver for the turbine exhaust.

The decals are all water slide. NOTE: The decals are **very** thin, so don't leave them in the water too long. Cut them out leaving about 1/16 inch around the colored sections. Dip in water for 20 to 30 seconds. Carefully slide the decal off the paper and onto the boat. Remove excess water with a tissue. Some 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 along with the number guide below.

- 1) Front nose
- 2) Short section on the side of the body in front of the name
- 3) Name for the side of the body
- 4) Long section on the side of the body
- 5) Wraps around the horizontal tail
- 6) On the horizontal tail
- 7) Vertical tail
- 8) Long strip on the top of the body behind the cockpit



Clear coat the model after decal placement.

Glue the tail pieces into the slots on the sponson. They angle out at about 10 degrees, and then attach the horizontal tail.

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.

