

Semi-Scale 1971 Miss Madison

These are the basic assembly instructions for the 1971 Miss Madison 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 and aligned at the transom. 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.

Attach the sponsons to the main hull with CA glue. The bottom of the sponson is aligned with the edge of the lower hull, which gets you the dropped sponson look. The front edge of the sponson should be even and smooth with the nose of the body.

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 Indiana logo on the tail and the Madison logo on the nose require special handling. Apply these decals before painting brown and then carefully paint around the decal on the boat. The decals will not show through brown paint.

The motor is a combination of black, yellow head covers and dark exhaust stacks. Check some online pictures for paint colors. 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, yellow and brown paint applied with a paint brush for the non white areas. .

The decals are all water slide. Cut them out leaving about 1/16 inch around the colored sections. Dip in water for 20 to 30 seconds. NOTE: The decals are **very** thin, so don't leave them in the water too long. Carefully slide the decal off the paper and onto the boat. Remove excess water with a tissue. Follow the pictures above for decal placement. Note again: Place the Madison logo and Indiana decal before painting brown.

Clear coat the model after decal placement.

Glue the motor into the engine bay, driver seat and steering wheel into the cockpit.

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.

