Here is what you'll need to build the Plywood downwind board:

Tools

- Decent Block plane like this one
- Japanese thin kerf pull saw for cutting stringers and trimming.
- Drill and drill bits
- 3 or 4 Bar 24" clamps
- Squeeze clamps. Here is a good trick if you want to make them yourself
- Sanding block. A piece of insulation foam works well.
- A scale to check your weights. Also just good to have in the shop. We like this one.
- A flat work table for gluing up
- Some weights (which can be anything) for holding panels flat
- Heat gun for gluing down the deck pad. Activates the adhesive, sticks much better.
  Not necessary but nice to have:
  -A small Trim router and bits for rounding over the deck edge.

Building Materials

- 2 sheets of 3mm poplar plywood (approx 8lbs per sheet)
- 1 1/2 gal of 2:1 marine Epoxy (not polyester)
- 3m microspheres for thickening epoxy for fillets
- 4oz fiberglass cloth approximately 5 yards
- Masking tape. We like the blue 3m tape
- Thick super glue (link) keep it in the freezer when not in use and it will last forever.
- Contractor plastic sheet for gluing the finger joints over.
- 1 1/2" chip brushes.
- Mixing sticks
- Mixing cups
- Fillet sticks (for making rounded fillets)
- Bakers Pastry bag for squeezing out thickened epoxy. Makes for quick neat work.
- 1/8" Foam Rollers for rolling out epoxy. Necessary for a light weight even coat. Buy the 7", cut them in half and use a 3" roller cage.
- 3" roller cage like this one.

Accessories:

- Leash loop (we used a piece of 6mm dyneema
- Vent plug. I used this one but made my own outer housing.
- Deck pad. This one worked great but be sure to use a heat gun to activate the glue as you lay it down.
- Board bag. This is the one we bought and it fit well and was decently priced on amazon
- Board leash. An 8' leash worked well for me attached at the back of my harness. Recommend you don't cheap out on the leash. Skinny boards are nearly impossible to chase down with a body drag.