

Cargo Proa Prototype

Building Blog



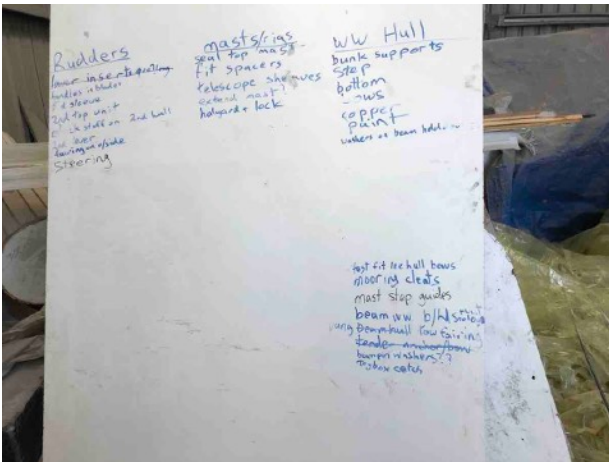
OCTOBER #1 2021

No Rassy this week, so not a lot achieved. Attached are some pics outside the workshop showing all the pieces, some wing pics and the (broad) to do list before it is packed up for Suva. Maybe November for the boat and December for me to travel.

The ww hull is upside down so I could fair the bottom and chines, some of which had some bridging in the infusion. My aversion to torture boarding is less than my need to have a smooth, fair hull below the water.



Bits and pieces



To do Brisbane

The wing pics are Friday arvo wip's, rushed so I could get home before I fell asleep (torture boarding induced exhaustion 😊). The material is not tensioned height wise, the camber inducer will be less ornate (and automatic), the cloth will be sewn, not glued and it won't wrap around the leading edge. The wing structure is low cost carbon rods (~\$AUS4/m, \$1,600 per 50 sqm/540 sq' rig) which we can easily make bigger or smaller and mass produce anywhere.

The latest wet out machine makes them easy. Each section weighs 4.5 kgs/10 lbs, 45 kgs total per rig: I think this is significantly lower than the equivalent sail, battens, track, cars, boom, traveller and fittings for a 50 sqm mainsail? There is plenty of development still required but it looks, to my ever optimistic eye, to be on the right track. Next step is to put it on a mast section and see what we can learn, then start on all the little, tricky jobs. Like raising/lowering it and the telescopic mast, sheeting it and getting it to stack neatly.

