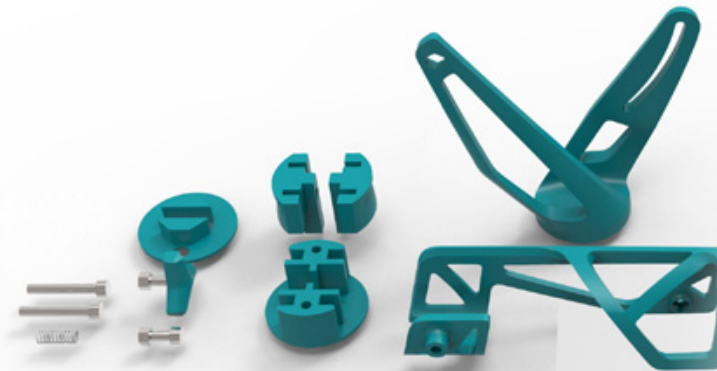


## LIGHTWEIGHT CONSTRUCTION

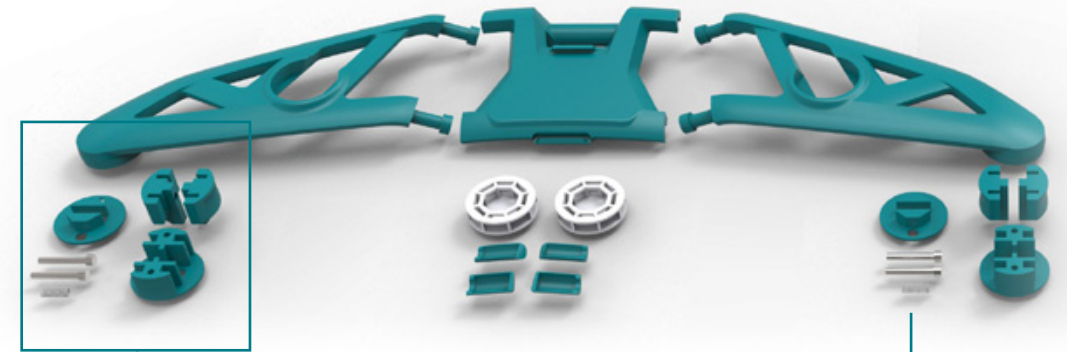


### MATERIAL LAMINATE:

Outer layer(s): Carbon Fibre 200gm  
Inner Layers: Fibreglass Strand Mat  
/ Polyurethane Foam Mat  
Wall Thickness: 3-5mm



*The hull and deck are constructed using a resin infused carbon/fibreglass wet lay-up. The finished product would be almost half the weight of the equivalent size roto-molded plastic kayak.*

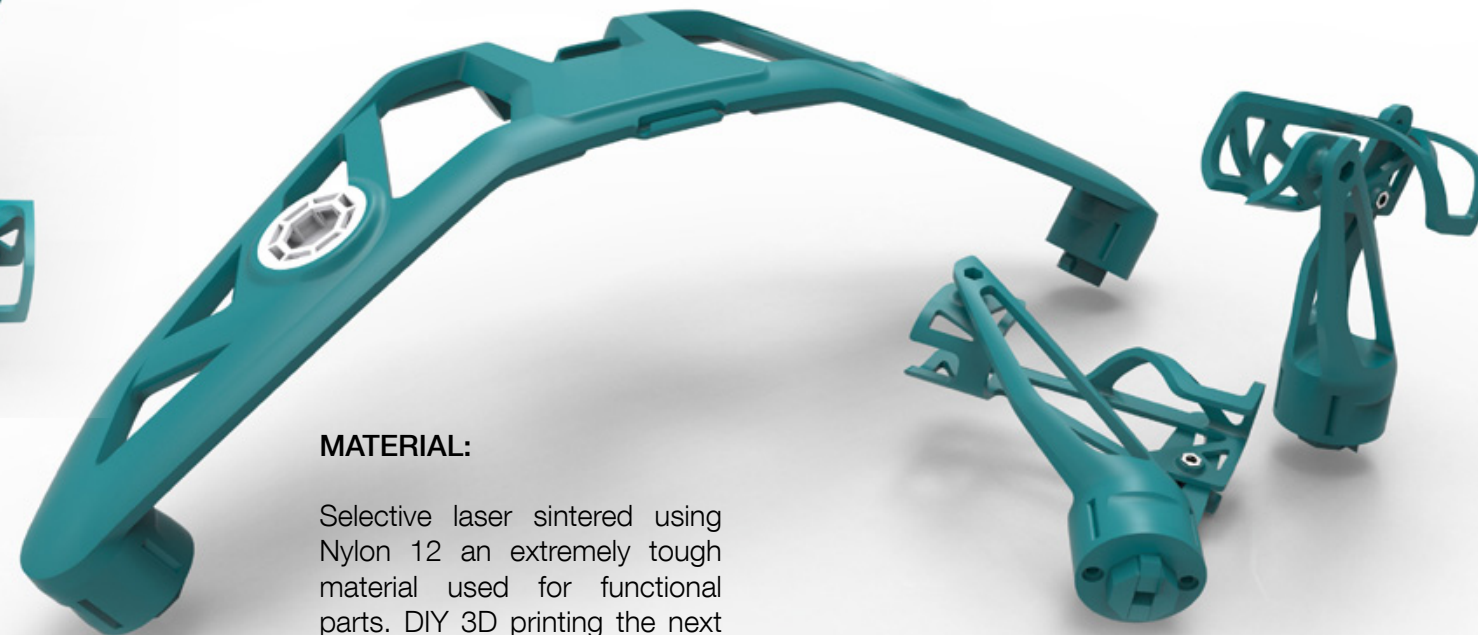


### CONNECTOR ASSEMBLY:

The connector would be manufactured and developed as the interface part between the octagon and the accessory

### OEM FASTENERS:

Metric marine stainless steel fasteners sourced for assembly



### MATERIAL:

Selective laser sintered using Nylon 12 an extremely tough material used for functional parts. DIY 3D printing the next stage in near future.