

ArduBoat USV Hull 02

Materials List:

Hull

- 1x SunDolphin Bali 6 Kayak
- 4x HDPE Cutting Boards
- 8x Bolts (For mounting Cases to the cutting boards)
- 8x Wingnuts
- 24x Machine screws (for securing HDPE mounts to the hull)
- 4x Tubes of Loctite Marine Epoxy

Thrusters

- 2x BlueRobotics T-200s (standard)

Navigation Box

- 1x 1200 Pelican Case
- 1x Pixhawk 1
- 1x APM Power Module
- 1x Quadcopter Power Distribution Board (bullet connectors)
- 2x BlueRobotics Basic ESCs
- 1x Spektrum DSMX Satellite Receiver
- 1x 3DR GPS
- 1x RFD 900+ Telemetry Radio
- 1x XT-60 Connector (Male)
- 1x Pack of 18AWG Silicone Wire
- 6x BlueRobotics Hull Penetrators
- 24x Bullet Connectors

Battery Box

- 1x 1200 Pelican Case
- 2x XT-90 Connectors
- 1x XT-90 Y-Harness
- 4x BlueRobotics Hull Penetrators
- 4x Bullet Connectors
- 3x Multistar 4S 10,000 mAh LiPo Batteries (Use whatever 4S system you want)

Sonar

- 1x Lowrance HDS-7 Gen3 Charplotter
- 1x Lowrance Totalscan Transducer