

Design Considerations:

Physical Design:

Nadovich

- Label the LEDs + Buttons
- AMS + IMD Fault Lights on either side of Phone
- PCB Behind laser cut front panel
- Connector for Button Array

Helm

- Semi-circle? Can make it more rounded rectangle

Ben

- Find E-Stop with 10amp current rating

Hardware:

- Consider wiring to E-Stop and button array
- Figure out if power will be turned off by GLV master switch
- Consider embedded display
- BRB not common return

Software:

- Communicate with Pit?

Consider Glare

Minimizing Wires (cable bunches and wires) 4/3/2 wires

1. Lafa Logo
2. Label LEDs and buttons
3. Laser cut panel in the front? 15min?
4. Estop is the key one (need to tolerate a DC current, 10A)
5. App can shut down the phone? Or a way to turn off the phone
6. Glare? Anti-reflective? Polarization sun-glasses