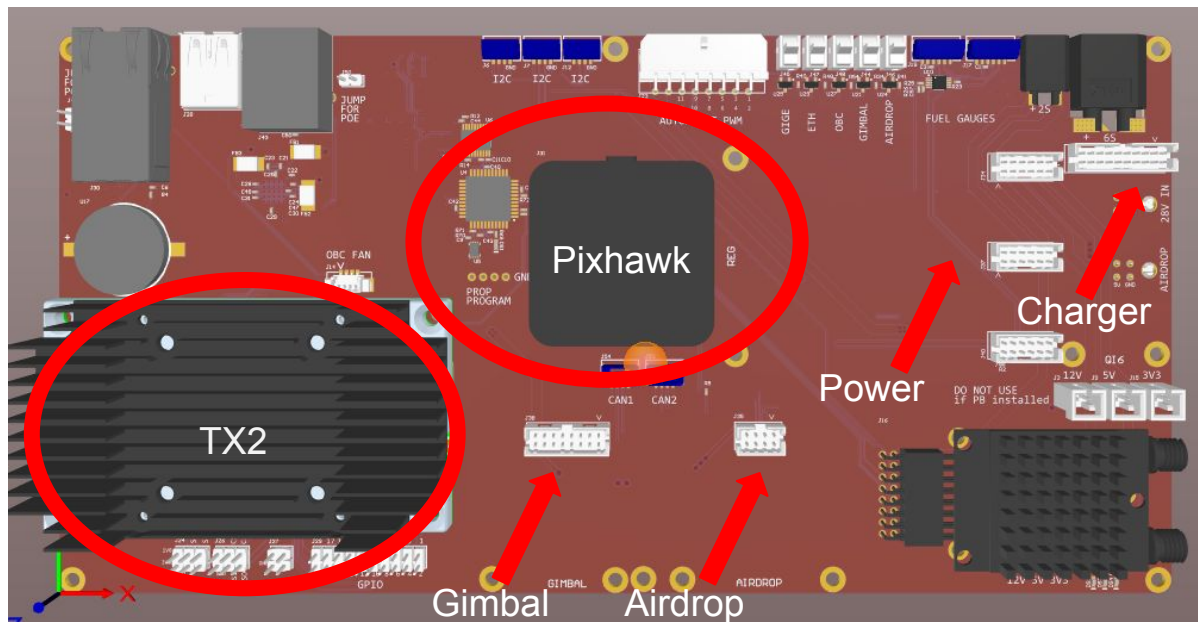


Karrier Board

Katie Bradford
2018-2019

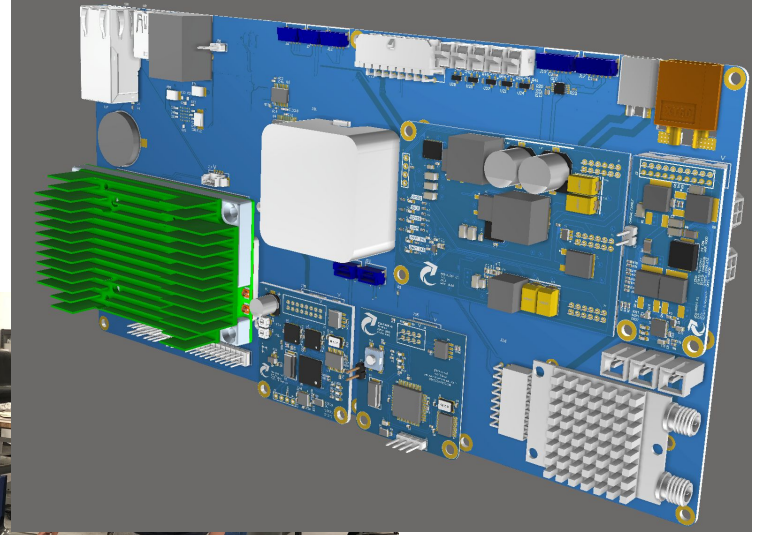
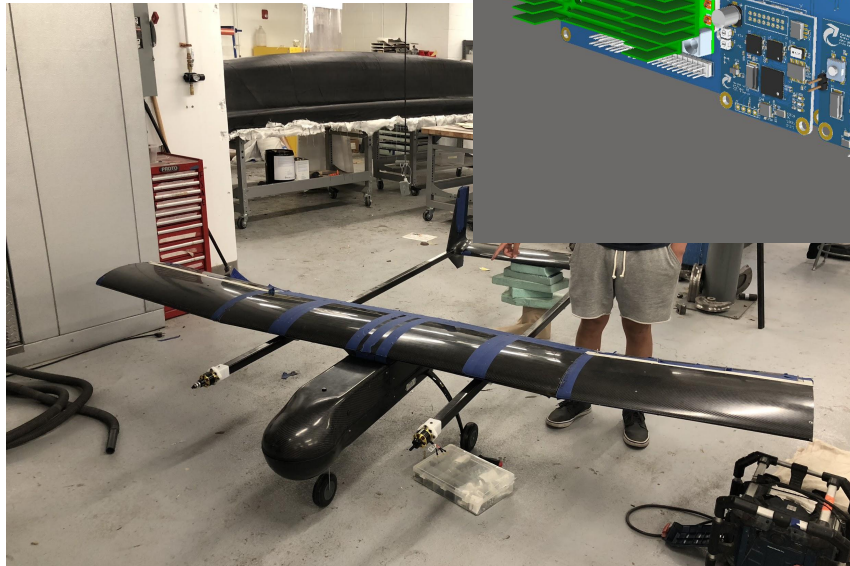
CUAir Electrical - Karrier Board - Design

- Karrier Board system connects and powers Jetson TX2, Pixhawk Cube autopilot, and CUAir's custom power distribution, battery charging, airdrop control, and gimbal control systems.



Karrier Board - Integration

- Integrated with every electrical member building daughter boards
- Integrated with mechanical team for placement and accessibility
- Integrated with software teams for hardware and peripheral needs.



Karrier Board -Testing

- Board has been manufactured and tested, and has so far been proven operational in unit testing
- Currently, subteam and myself are iterating on last year's design

