

Client Interview
24 September 2015

General Comments

- Rapid prototyping flight group
- 9th suborbital payload flying in the spring of 2016 including development from last year's group
- Improvements to power
- Working in parallel with other students teams (for cold gas system and stabilization)

What We Have Right Now

- Cold gas system that is currently being developed right now
 - Using CO2 cartridges
 - Get block diagrams

What We Will Explore

- Take a look at the current power board and understand function
- Developing Intel processor
- Are will still using the iridium modem
 - How is it mounted?
 - How are we getting rf out?
- How much can we fit on one board with the GPS receiver (OEM 615) as well
- GPS receiver
 - Unlocking challenges with other manufacturers
- Data collection and control sensors
 - Either on board or provided data lines

Action Items

- Matrix of the current power board vs the new board, lay out steps moving forward on the form factor discussed
 - Improvements
 - Get stats from John
- Using OEM GPS receiver or receiver from another manufacturer (dependent on getting it unlocked)
- Word document with team roster and photo for Mark