John Soupir, Rocket Launched UAV Quad Chart – Spring 2023

ENR 488 – Senior Design II

Accomplishments:
List any Project Accomplishments since your last Quad Chart

- Tested microcontrollers
- Wrote code for GPS module
- Wrote code for first version of telemetry dashboard
- Tested turbines
- Created Github repo for code and added Pierre

Next Steps:
What are your next steps of design & development

- Test other sensors when they arrive
- Order radio module
- Make power connector adapters
- Continue code development

Key Disappointments/Challenges:
List and disappointments or road blocks that you are encountering

- Delays in parts arriving
- Lack of communication regarding parts orders
- Camera missing from order

Dependencies:
List any dependencies (material, resource or monetary) that may be affecting your progress

- Waiting on parts to arrive

- Once turbines and other controlling electronics are ready, the plane body will need to be printed