

1 Goals for the Past Week

The following is a list of our goals for the past week, as well as descriptions of their completion and/or progress:

1. **Tune the autopilot and airspeed estimator** (*Brady, John, Andrew*)
We plan on having the airspeed sensor fixed tomorrow, and we will also ensure that the RC transmitter can toggle autopilot functionality. We now have a working autopilot interface for controller tuning, so we should be able to tune the gains in the next week.
2. **Get the path planner back to its previous glory** (*Brady, John, Andrew*)
Little progress has been made on this front, since we're focusing on getting the fundamentals of the controller working before we turn to obstacle avoidance.
3. **Parachute deployment testing and iteration** (*Jacob W., Derek, Brandon*)
This remains to be done. A 36-inch parachute was ordered, and all testing is dependent on this parachute's arriving.
4. **Finish the second airframe and have Kameron log more flight hours** (*Ryan, Tyler C., Kameron*)
Airframe #2 is close to being completed. Kameron will attempt to fly airframe #1 today. If necessary, we will incentivize Alex and Doug to assist more often with RC safety piloting.
5. **Make progress on updating last year's vision GUI system and perform network range test with camera** (*Tyler M., Jake J., Connor*)
The main hiccup right now is getting the A6000 camera driver to build on the Odroid. Perhaps it comes down to getting things to build on a non-x86 processor.

2 Goals for the Coming Week

The following is a list of our goals for the coming week, as well as details about how we plan to accomplish them:

1. **Tune the autopilot and airspeed estimator** (*Brady, John, Andrew*)
2. **Parachute deployment testing and iteration** (*Jacob W., Derek, Brandon*)
3. **Finish the second airframe** (*Ryan, Tyler C., Kameron*)
4. **Complete last year's vision GUI interop communication system and perform network range test with camera** (*Tyler M., Jake J., Connor*)

Please send us any feedback with regards to the progress we've made, as well as our plans for the coming week.