Radio Flyers

EE 41440

25 April 2012

Minutes 04-25-12

1. UART
   -Check every pin with the soldering iron
   -Normally, soldering another one on would solve whatever is wrong
   -Unless the device is set in reset?
2. If we were to demo
   -PMW works
   -Created a kill switch to stop the quadrotor
      -Channel 5 switch has to be on for the quadrotor to get any kind signal to power it
3.Accelerometer works beautifully
4. Gyroscope works
5. Get weird values for magnetometer
6. Can't get barometer yet
7. PID code
   -Should balance out yaw
   -Check reset process because it could be hold in reset
   -Can program chip over the USB
   -Put two together and figure out what is not working
   -Adapter debugger lets you stop running code to examine registers