**Nov 18 11**

**ECE Advising meeting Dr. Frank**

Time: 12:30pm-1:30pm

**-Interim Design Powerpoint**

\*Center of gravity for plane (electronics components)

     \*Camera vibrations

     \*Battery choice

     \*Autopilot module

     \*Flap servo issues

     \*Camera decision

     \*Camera resolution issues

     \*Aperture angles

     \*30 degree field of view on each side pointed straight down

     \*Pan and zoom system

     \*Auto-scan software

     \*Waypoint scanning

     \*20fps is enough for scan

     \*How mush time to see target before passed by it

     \*Copy of Solar Glider report

**-Funding**

\*funding issues

     \*FWC funding, TPD, FHP

**-Team 14 Meeting 2:10pm-3:33pm**

**-Old Business**

     \*Weight estimation

     \*Looking at training Plane: <http://www.nitroplanes.com/93a1403-1400-j3-yellow-rtf-24g.html>



**-New Business**

\*Thanksgiving break

     \*Website Bios/Pics due to Brian by monday

     \*Funding issues

**-Meeting**

\*Work on website

     \*Materials cost situation

     \*More of a customer focus in presentations

     \*What to change for autopilot controls

     \*Camera with built in Gimble

**-To Do List**

     \* ME: Center of gravity calc

     \*Ryan

          ~Aircraft Design Analysis

          ~Stability Measurements

     \*Antwon

          ~Landing Gear

          ~Thrust Calculations

          ~Motor Information

     \*Walker

          ~Spars, Wing joiners

          ~Alternate wing construction

     \*ECE: Complete electronics diagram

     \*Eric

          ~Send Alek Specs: Camera, Antenna, Txs,

          ~Communications research

          ~Ground station research

     \*Brian

          ~Send Alek Specs: Paparazzi, Paparazzi sensors, other sensors,

          ~Update Website

     \*Alek

          ~Weight of all components

          ~Servo research/ specs

          ~Complete power system

          ~Voltage regulator