Old Requirements:

1. Generate Waypoins, Flight Lines, and Survey Areas

2. Draw them on ESRI map.

3. Generate Boundaries and draw them.

4. Import/Export to the folllowing formats of XML(import optional)

PPRZ

KML(and convert to KMZ)

FPL

5.The ability to save.

6.The ability to edit waypoints(and thus fightlines and survey areas) graphically and textually.

7. Origin Point(Zoom in)

8. Area of study.

9.Zoom to area on import

10.Ground Elevation

11. Change Flight Altitude.

Mission Complete: Things needed to fly the plane..altitude, drone,.. Current s/w is dying cuz not being updated. Get data from servers to https for better security. Technologies: JAVA SDK

Tasks to do: Rescope

1. Pre mission

2. Post mission

ASD-B: New req.Permission from govt. It gives a pt that any aircraft can see us with the signal.

Server testing: All images/data get from machine. Get onto amazon cloud so that data could run super fast.

Server upkeep: Two servers are down. Need maintainace so that they r not down again.

Payload System: Start testing new AVI stuff. When there is a switch from serial to isec, if there is no proper image on the linux..it doesn’t work.

AggieCap3: It is done! Few modifications done by Lisa

Config GUI – Tasks: Working on the form validations – this week

Radios: 2 flavors of radios. One used other unused. Configure the new one.

**AAMC POST FLIGHT PROJECT REQUIREMENTS:**

Plug in SSD

Finds the data

Click on the correct data set

Puts the images on the Esri basemap

Requires camera info

Must satisfy Ian’s needs

**WHEEL CHAIR PROJECT**

Set up network..bluezone?

Can we use wireless communication to set up the network?

Send command remotely to charge the wheel chair itself.

What do u need to recognize the pads?

Color on the pad!!(refelctive/dark color?)

Do we use leds and led commands to locate the pad?