**Engineering Notebook**

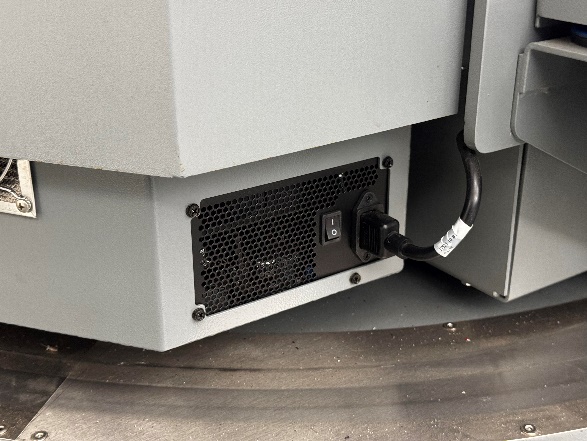
**Team 16 – Clear Path**

Cannon Newbury

**09/12/2024** - Team 16s first meeting and talk with customer, Dr. Towhidnejad. Scrumwise and Github established to start adding backlog and documentation for the project. Division of skills between team members like Scrum-Master, Software, Hardware, and documentation. Stand-up meeting to discuss the proposed objectives from customer and first steps taken.

**09/24/2024** - Teams first day in LB 131 with the flight simulator. Below is some of the information we gathered.

A red button on a black box next to a machine

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The white switch turns on the whole rig, and the smaller switch on the right side is now to turn the PC on.

A green light on a machine

Description automatically generatedA close-up of a radio antenna

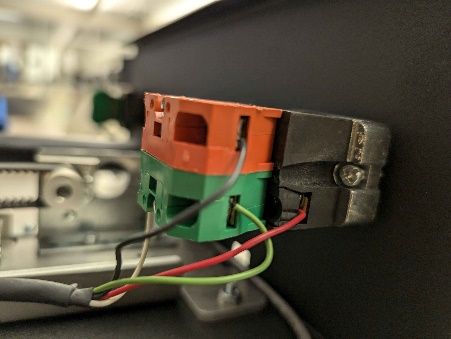
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There is a small red button below the seat on the right side, click the button one time for the green light to illuminate. Finally plug a wired keyboard into the hub on the right picture, follow the prompts on the screen and get to the home screen. From there we can use the wireless keyboard with mouse built in to navigate. We also uploaded any relevant text documents into our GitHub (<https://github.com/SadeedKhan555/ClearPath>).



We got some time in on the simulator to see the different function, and displays within X-Plane.

10/15/2024 - Replacing Emergency stop button, part was ordered a week in advance install was slowed due to hurricane and campus closure. Images for button install are below. In addition, the peer reviews were completed by team members along with the sprint review presentation.



10/22/2024 - United Briefing; No work done

10/24/24 – Team meeting with student previously in charge of flight sim to ask questions related to start-up and uploading/inserting data into XPlane. Installation of graphics drivers to flight sim computer to start running XPlane 12. Sprint 3 finished; Items on backlog rearranged to reflect future project progress. Also began linking some minor accounts together to make upkeep of the sim easier.

* Sprint objectives accomplished:
  + Meeting with student in charge of sim

10/29/24 – Finalized work on the SRS V1 with submission.

10/31/24 – Started on 4-minute presentation

11/5/24 – Continued work on presentation and practiced timing same night.

11/7/24 – 4-minute presentations

11/12/24 – Presented on ClearPath

11/14/24 – Started work on the poster with Sadeed and Michael

11/19/24 – Continues work on the poster with Sadeed and Michael. Micheal finished the poster and corrected it’s size to fit the board.

11/21/24 – Worked with Isaac on SDD V2. Ended the day by submitting the SDD V2 document to Github/Canvas.

11/26/24 – Division of work with SRS V2. Worked on section 2-4.

12/3/24 – Work on Test Plan and SRS V2 with Isaac. Mainly worked on sections 2-4 as Sadeed worked through the first sections the days before.

11/5/24 – Poster presentation in the LB Atrium and submitted Test Plan V1