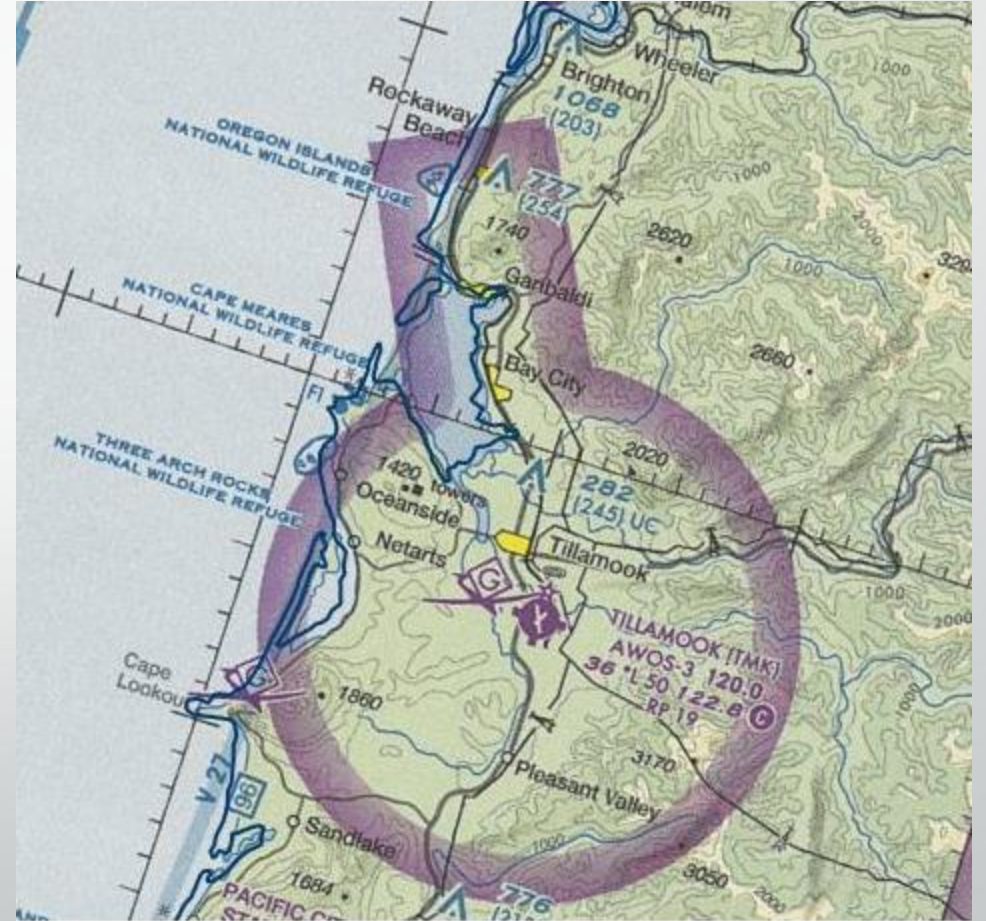




Pelican

Ignite Funded Waterproof UAS



Proven Platform

- Zephyr II
- Paparazzi Autopilot
- Android Based Camera System

A screenshot of the GCS (Ground Control Station) software interface. The main window displays a 2D map of a field with various flight paths and markers. The interface includes several panels: a top status bar with coordinates, a central map area, a left sidebar with flight data for two aircraft (TJ1 and MI2), a bottom-left 'Strips' panel, a bottom-right 'Notebook' panel with a circular gauge, and a 'Console' panel on the far right showing a log of flight events.

2D Map

Strips

Notebook

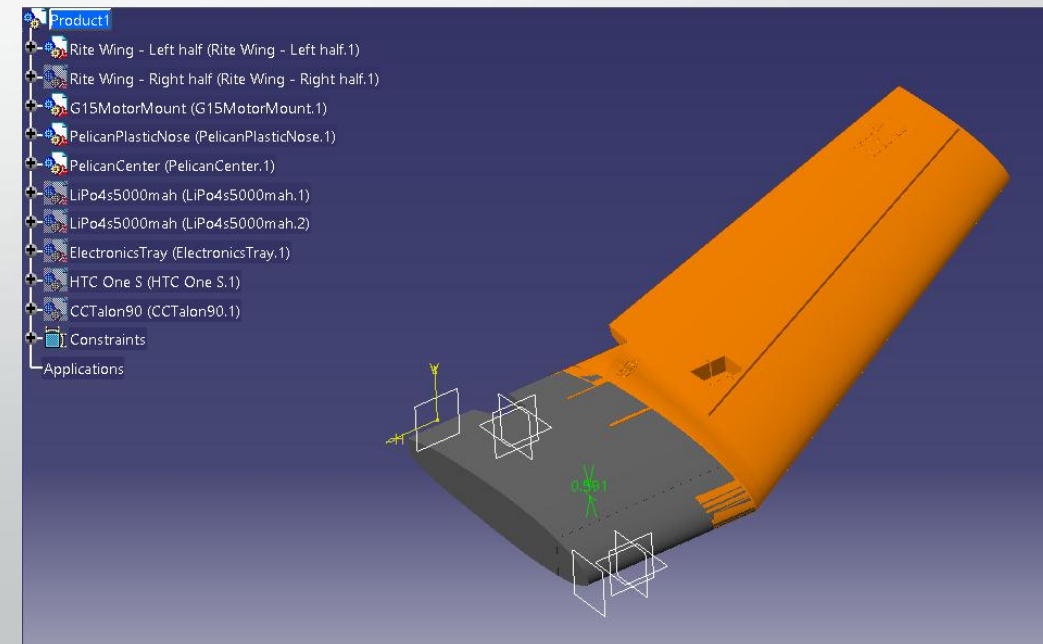
Console

Time	Status	AGL	Block	Time	Stage	ETA
00:00:35	Standby	11.6m/s	43%	00:26	00:26	N/A
00:00:28	Standby	12.1m/s	38%	00:22	00:22	N/A

Console Log:
13:46:59 TJ1, UNK
13:46:59 TJ1, mayday, kill mode
13:47:01 MI2, AUTO2
13:47:01 MI2, mayday, kill mode
13:47:02 MI2, Geo init
13:47:04 TJ1, Holding point
13:47:11 MI2, Holding point
13:47:58 TJ1, Takeoff
13:48:05 MI2, Takeoff
13:48:07 TJ1, Standby
13:48:11 MI2, Standby

Research Opportunities

- Design for Manufacturing
- Material and Component Testing
- Impact Analysis
- Unmanned System Operations
- Systems Integration and Testing







Future Opportunities

- Final Product Manufacturing
- Naval Warning Zone Operations
- Delivery and Training

