



Pelican

Ignite Funded Waterproof UAS



Proven Platform

- Zephyr II
- Paparazzi Autopilot
- Android Based Camera System



The screenshot shows 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 a top menu bar with "Nav", "Maps", and "Help". The main map area is labeled "2D Map". Below the map, there are two panels for flight data and a console.

Flight Data Panel (TJ1):

00:00:35	11.6m/s	43%	Standby
Bat	Status	AGL	Block
12.5	AUTO2	67	Time 00:26
	NONE	+0.1	Stage 00:26
			ETA N/A
Link	3D	/Target	Alt
		-6m	254m / 260m

Flight Data Panel (MI2):

00:00:28	12.1m/s	38%	Standby
Bat	Status	AGL	Block
12.5	AUTO2	62	Time 00:22
	NONE	+0.0	Stage 00:22
			ETA N/A
Link	3D	/Target	Alt
		-11m	249m / 260m

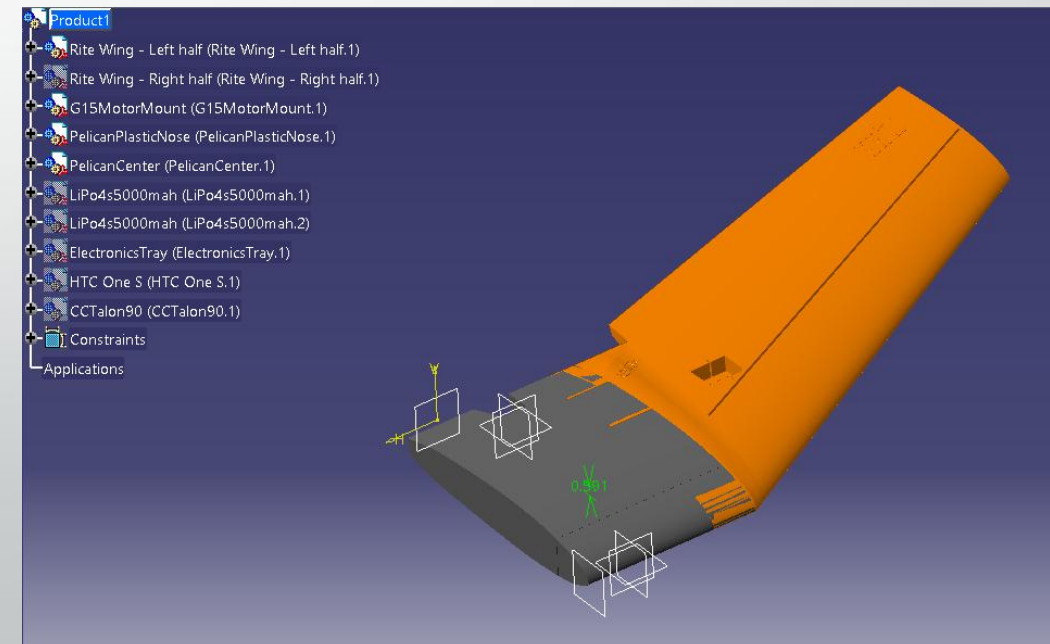
Console:

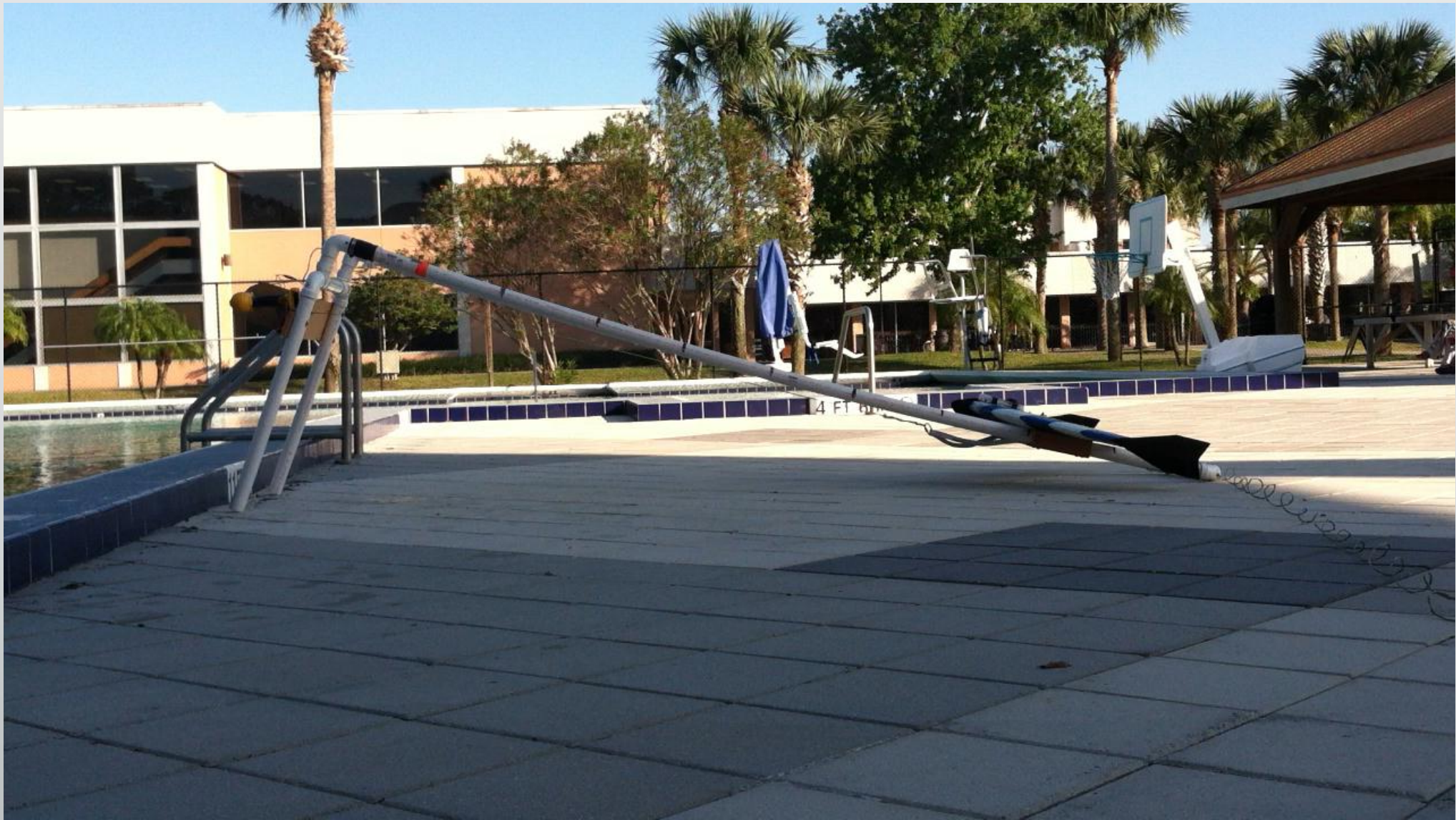
```
13:46:59 TJ1, UNK
13:46:59 TJ1, mayday, kill mode
13:47:01 MI2, AUTO2
13:47:01 MI2, mayday, kill mode
13:47:02 MI2, Geo init
13:47:04 TJ1, Holding point
13:47:11 MI2, Holding point
13:47:58 TJ1, Takeoff
13:48:05 MI2, Takeoff
13:48:07 TJ1, Standby
13:48:11 MI2, Standby
```

The interface also includes a "Notebook" section with a circular gauge and various control buttons.

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

