April 24, 2019 Payload 2 Daily Flight Report

Date: 2019-04-24
Flight Campaign ID: 2019_P2C1
Airport, FBO ID, City: Tuscaloosa Regional Airport (KTCL) - Tuscaloosa, AL

Domain: 08
Sites Flown: Transit
Days left in Domain: 17

Report Author: Cameron Chapman
Flight Crew: Cameron Chapman
Ground/GPS: Mitch Haynes, Mike Wussow
Pilots: Wesley Wyatt, David Little
Additional Personnel: None
GPS Instruments: None

Flight Hours: 1:35: + 01:48
Hours until maintenance: 59.07

Summary
Today we ferried the aircraft from D03 and arrived in D08.

Concerns
- The GPS at DELA may have data quality issues. We will investigate this concern further.

Comments
- Aircraft arrived in D08
- Abe Arrived in D08 this afternoon
- Mitch will Join P3 tomorrow
- Robb will Join P2 Friday

Flight Screenshots: None

Pictures:
Right: Controlled burns caused large plumes of smoke across the southern Georgia landscape
Above: Payload 2 arrives in D08 and will be stationed in Tuscaloosa Alabama
Below: A very festive vehicle spotted at the Airport in Tuscaloosa! ROLL TIDE!
Daily Coverage: None

Cumulative Domain Coverage

**DELA**

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**LENO**

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**N08A**

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**TALL**

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Weather Forecast
Tuscaloosa, AL

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<tr>
<th>Thu 4/25</th>
<th>Fri 4/26</th>
<th>Sat 4/27</th>
<th>Sun 4/28</th>
<th>Mon 4/29</th>
<th>Tue 4/30</th>
<th>Wed 5/1</th>
<th>Thu 5/2</th>
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<tr>
<td>74°</td>
<td>60° F</td>
<td>77°</td>
<td>49° F</td>
<td>80°</td>
<td>56° F</td>
<td>80°</td>
<td>56° F</td>
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<td>Thunderstorms</td>
<td>AM Clouds/PM Sun</td>
<td>Sunny</td>
<td>Mostly Cloudy</td>
<td>Mostly Sunny</td>
<td>Partly Cloudy</td>
<td>Mostly Cloudy</td>
<td>Scattered Thunderstorms</td>
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<td>1.26 in</td>
<td>0 in</td>
<td>0.01 in</td>
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Flight Collection Plan for 25 April 2019

**Flyority 1:**
Collection Area: Dead Lake (DELA)
Flight Plan Name: D08_DELA_R1_P1_v1.pln
On Station Time: 1010 L / 1410 UTC

**Flyority 2:**
Collection Area: Talladega National Forest (TALL)
Flight Plan Name: D08_TALL_C1_P1_v1.pln
On Station Time: 0930 L / 1430 UTC

**Flyority 3:**
Collection Area: Lenoir Landing (LENO)
Flight Plan Name: D08_LENO_R2_P1_v1.pln
On Station Time: 0930L / 1430 UTC

**Flyority 4:**
Collection Area: Nominal Runway – D08
Flight Plan Name: D08_N08A_Nominal_Runway_Test_v1.pln
Purpose: To test LiDAR range accuracies and noise levels at 100 kHz PRF.
On Station Time: N/A

**Crew:** (LiDAR) Mike Wussow  (NIS) Cameron Chapman  (Ground/GPS) Abe Morrison
Flight Collection Plan for 26 April 2019
Flyority 1 – 4  Same as previously briefed
Crew: (LiDAR) Cameron Chapman (NIS) Abe Morrison (Ground/GPS) Mike Wussow

Flight Collection Plan for 27 April 2019
Flyority 1 – 4  Same as previously briefed
Crew: (LiDAR) Abe Morrison (NIS) Mike Wussow (Ground/GPS) Cameron Chapman