**Payload 3 Daily Flight Report**

**Date:** 2021-04-19  
**Flight Campaign ID:** P3C1  
**Airport, FBO ID, City:** Tuscaloosa Regional Airport (KTCL)  
**Aircraft:** N615AR

**Domain:** 08 (Ozarks Complex)  
**Sites Flown:** None  
**Days left in Domain:** 20

**Report Author:** Abe Morrison  
**Lidar Operators:** Abe Morrison  
**Flight Hours:** 0.0  
**Spectrometer Operators:** Cameron Chapman  
**Hours until maintenance:** 72.85  
**Pilots:** Stephen Brawders, Vince Maarschalkerweerd  
**Ground Crew:** None

**Summary**
The crew arrived in D08 one day early yesterday, and preparations for flight operations were conducted today. Tomorrow the GPS base stations will be deployed to the TALL, DELA, and LENO sites.

**Concerns**
None

**Comments**
- GPS units will be deployed on Tuesday
- Vacuum pump arrived today.
- Crew rental cars were obtained today and hotel kit room was set up.
Cumulative Domain Coverage

D08|D08A (Optech Digitizer Validation Plan - Birmingham, AL)

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D08|DELA (Dead Lake)

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D08|LENO (Lenoir Landing)

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D08|N08A (D08 Nominal Runway)

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D08|TALL (Talladega National Forest)

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Weather Forecast
Tuscaloosa, AL

<table>
<thead>
<tr>
<th>Day</th>
<th>High</th>
<th>Low</th>
<th>Weather</th>
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<tbody>
<tr>
<td>Tue 4/20</td>
<td>78°</td>
<td>47°F</td>
<td>Partly Cloudy</td>
</tr>
<tr>
<td>Wed 4/21</td>
<td>84°</td>
<td>40°F</td>
<td>Partly Cloudy</td>
</tr>
<tr>
<td>Thu 4/22</td>
<td>67°</td>
<td>47°F</td>
<td>Partly Cloudy</td>
</tr>
<tr>
<td>Fri 4/23</td>
<td>71°</td>
<td>56°F</td>
<td>Cloudy</td>
</tr>
<tr>
<td>Sat 4/24</td>
<td>73°</td>
<td>52°F</td>
<td>Thunderstorms</td>
</tr>
<tr>
<td>Sun 4/25</td>
<td>74°</td>
<td>49°F</td>
<td>Partly Cloudy</td>
</tr>
<tr>
<td>Mon 4/26</td>
<td>81°</td>
<td>56°F</td>
<td>Sunny</td>
</tr>
</tbody>
</table>

Cloud Cover (%)  Chance of Precip. (%)

source: wunderground.com
Flight Collection Plan for 21 April 2021

Flyority 1
Collection Area: Talladega National Forest (TALL)
Flight Plan Name: D08_TALL_C1_P1_v2_Q780
On-station Time: 1430 UTC / 0930 L

Flyority 2
Collection Area: Dead Lake (DELA) – Priority 1 Flight Box
Flight Plan Name: D08_DELA_R1_P1_v2_Q780
On-station Time: 1430 UTC / 0930 L

Flyority 3
Collection Area: Dead Lake (DELA) – Priority 2 Flight Box
Flight Plan Name: D08_DELA_R1_P2_v2_Q780
On-station Time: 1430 UTC / 0930 L

Flyority 4
Collection Area: Lenoir Landing (LENO)
Flight Plan Name: D08_LENO_R2_P1_v2_Q780
On-station Time: 1430 UTC / 0930 L

Flight Crew: Abe, Cam