Payload 3 Daily Flight Report

Date: 2021-04-24
Flight Campaign ID: P3C1
Airport, FBO ID, City: Tuscaloosa Regional Airport (KTCL) - Tuscaloosa, AL
Aircraft: N615AR

Domain: 08 (Ozarks Complex)
Sites Flown: None
Days left in Domain: 15

Report Author: Cameron Chapman
Lidar Operators: Cameron Chapman
Spectrometer Operators: Abe Morrison
Pilots: Stephen Brawders, Vince Maarschalkerweerd

Flight Hours: 00:00
Hours until maintenance: 69.30

Summary
Rain and thunderstorms throughout the region. No flights were conducted.

Concerns
- A POS file from the LENO flight appears to be missing. The Scientist on Duty is looking into this.
- GPS 3 (LENO) is unresponsive, The crew will have to physically check the unit.

Comments
- None

Daily Coverage

Estimated Cloud Cover Key

| Green: 0-10% | Yellow: 11-50% | Red: >50% |

Flight Screenshots
- None

Pictures
- None
Cumulative Domain Coverage

D08 | DELA (Dead Lake)

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Flown: 0% (0/26)
Green: 0% (0/26)
Yellow: 0% (0/26)
Red: 0% (0/26)

D08 | LENO (Lenoir Landing)

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Flown: 73% (19/26)
Green: 65% (17/26)
Yellow: 8% (2/26)
Red: 0% (0/26)

D08 | TALL (Talladega National Forest)

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Flown: 0% (0/26)
Green: 0% (0/26)
Yellow: 0% (0/26)
Red: 0% (0/26)

Weather Forecast

Tuscaloosa, AL (TALL)

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<tr>
<td>77°F</td>
<td>50°F</td>
<td>83°F</td>
<td>58°F</td>
<td>86°F</td>
<td>62°F</td>
<td>86°F</td>
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Partly Cloudy | Mostly Sunny | Partly Cloudy | Mostly Cloudy | Scattered Thunderstorms | Showers | Partly Cloudy |

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

Demopolis, AL (DELA)

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<td>76°F</td>
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<td>55°F</td>
<td>87°F</td>
<td>61°F</td>
<td>86°F</td>
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Partly Cloudy | Mostly Sunny | Partly Cloudy | AM Clouds/PM Sun | PM Showers | Showers | Partly Cloudy |

Cloud Cover (%) | Chance of Precip. (%)
### Flight Collection Plan for 25 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:** Cam, Abe