Payload 3 Daily Flight Report

Date: 2021-04-23
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: 16

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

Flight Hours: 0.0
Hours until maintenance: 69.30
GPS Instruments: None

Summary
With a solid overcast around the whole region, no flights were conducted today. The crew today started collecting GPS ground control points in the TALL flight box. More GPS collections will be done on subsequent bad weather days.

Concerns
-The database will not generate daily reports on “No Fly” days.
-Lost communication with GPS 03 LENO today. The file from that GPS during yesterdays flight there did upload successfully before the communication failure. The crew will investigate and fix the issue.

Comments
-Completed 9 of 20 GPS ground control points in the TALL flight box.

Pictures

Cameron Chapman helping to set up GPS ground control point at TALL site DFIR. Pic by Abe M.
Cumulative Domain Coverage

D08|DELA (Dead Lake )

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 |

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

D08|LENO (Lenoir Landing )

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 |

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

D08|TALL (Talladega National Forest )

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 |

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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<td>79°</td>
<td>52°F</td>
<td>78°</td>
<td>51°F</td>
<td>84°</td>
<td>59°F</td>
<td>87°</td>
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- Scattered
- Thunderstorms
- 0.19 in
- 0 in
- 0 in
- 0 in
- 0 in
- 0 in
- 0 in
- 0.04 in
- 0.51 in
- 0.24 in
- Cloud Cover (%) Chance of Precip. (%)

source: wunderground.com

Demopolis, AL (DELA)

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<td>80°</td>
<td>54°F</td>
<td>76°</td>
<td>50°F</td>
<td>84°</td>
<td>57°F</td>
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- Thunderstorms
- Sunny
- 0.31 in
- 0 in
- 0 in
- 0 in
- 0 in
- 0.04 in
- 0.34 in
- 0.26 in

source: wunderground.com
Flight Collection Plan for 24 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