Payload 1 Daily Flight Report

Date: 2021-09-16
Flight Campaign ID: P1C2
Airport, FBO ID, City: Ocala International Airport (KOCF) - Ocala, FL
Aircraft: N331AR

Domain: 03 (Southeast)
Sites Flown: None
Days left in Domain: 18

Report Author: Mitch Haynes
Lidar Operators: Mitch Haynes
Spectrometer Operators: Elissa Barris
Pilots: Justin Eddington, Nick Koukoutsakis

Flight Hours: 00:00
Hours until maintenance: 32.00

Summary
Another day of early cumulus clouds growing into larger convective activity and afternoon precipitation. No flights attempted.

Concerns
None

Comments
Twin Otter had the bad inverter on the aircraft swapped out today, but an unknown electrical issue is keeping the aircraft on one good inverter. This issue is not expected to interfere with any flights while they continue to track down a solution.

Cumulative Domain Coverage

D03|DSNY (Disney Wilderness Preserve)

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Flown: 0% (0/36)
Green: 0% (0/36)
Yellow: 0% (0/36)
Red: 0% (0/36)

D03|JERC_P1 (Jones Ecological Research Center Priority 1)

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Flown: 96% (25/26)
Green: 42% (11/26)
Yellow: 35% (9/26)
Red: 19% (5/26)

D03|JERC_P2 (Jones Ecological Research Center Priority 2)

| 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 |
| 47 | 48 | 49 | 50 | 51 |
Flown: 96% (24/25)
Green: 0% (0/25)
Yellow: 0% (0/25)
Red: 96% (24/25)

D03|N03B (D03 Nominal Runway South)

Flown: 100% (2/2)
Green: 0% (0/2)
Yellow: 0% (0/2)
Red: 100% (2/2)

D03|OSBS_P1 (Ordway-Swisher Biological Station Priority 1)

Flown: 100% (27/27)
Green: 0% (0/27)
Yellow: 7% (2/27)
Red: 93% (25/27)

D03|OSBS_P2 (Ordway-Swisher Biological Station Priority 2)

Flown: 69% (11/16)
Green: 0% (0/16)
Yellow: 0% (0/16)
Red: 69% (11/16)

Weather Forecast
Gainesville, FL (OSBS)

<table>
<thead>
<tr>
<th>Fri 9/17</th>
<th>Sat 9/18</th>
<th>Sun 9/19</th>
<th>Mon 9/20</th>
<th>Tue 9/21</th>
<th>Wed 9/22</th>
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<tbody>
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<td>86°</td>
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Kissimmee, FL (DSNY)

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Flight Collection Plan for 17 September 2021

Flyority 1 (Re-fly if Green; Any Conditions: Re-fly Lines 2, 5, and 7)
Collection Area: Ordway-Swisher Biological Station (OSBS) P1
Flight Plan Name: D03_OSBS_C1_P1_P2_v3_PRM.xml
On-Station Time: 1430 UTC / 1030 L

Flyority 2
Collection Area: Disney Wilderness Preserve (DSNY)
Flight Plan Name: D03_DSNY_R1_P1_v3_PRM.xml
On-Station Time: 1420 UTC / 1020 L

Flyority 3
Collection Area: Jones Ecological Research Center (JERC) P1 – Only if Green
Flight Plan Name: D03_JERC_R2_P1_P2_v4_PRM.xml
On-Station Time: 1440 UTC / 1040 L

Flyority 4
Collection Area: Ordway-Swisher Biological Station (OSBS) P2
Flight Plan Name: D03_OSBS_C1_P1_P2_v3_PRM.xml
On-Station Time: 1430 UTC / 1030 L

Flyority 5
Collection Area: Jones Ecological Research Center (JERC) P2 – Only if Green
Flight Plan Name: D03_JERC_R2_P1_P2_v4_PRM.xml
On-Station Time: 1440 UTC / 1040 L

Crew: Elissa, Mitch