Payload 3 Daily Flight Report

Date: 2022-06-26
Flight Campaign ID: P3C1
Airport, FBO ID, City: Rhinelander-Oneida County Airport (KRHI) - Rhinelander, WI
Aircraft: N70AR

Domain: 05 (Great Lakes)
Sites Flown: None
Days left in Domain: 4

Report Author: John
Lidar Operators: John
Flight Hours: 00:00
Spectrometer Operators: Abe
Hours until maintenance: 39.28
Ground: Elissa
Pilots: Nick, Brent

Summary: Payload is now back to nominal conditions, uploaded the new flight plan for CDRC.

Concerns: None.

Comments: Reset the Cabin Sensor and Display system again, appears to be operating normally.

Cumulative Domain Coverage

Estimated Cloud Cover Key

<table>
<thead>
<tr>
<th>Green:</th>
<th>Yellow:</th>
<th>Red:</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-10%</td>
<td>11-50%</td>
<td>&gt;50%</td>
</tr>
</tbody>
</table>

D05|CHEQ (Chequamegon-Nicolet National Forest)

| Flown: 100% (16/16) | Green: 100% (16/16) | Yellow: 0% (0/16) | Red: 0% (0/16) |

D05|LIRO (Little Rock Lake)

| Flown: 100% (7/7) | Green: 43% (3/7) | Yellow: 57% (4/7) | Red: 0% (0/7) |
**D05|STEI_TREE_P1** (Steigerwaldt Land Services and Treehaven Priority 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: 100% (25/25)
Green: 100% (25/25)
Yellow: 0% (0/25)
Red: 0% (0/25)

**D05|STEI_TREE_P2** (Steigerwaldt Land Services and Treehaven Priority 2)

```
| 27| 28| 29| 30| 31| 32| 33| 34| 35| 36| 37| 38| 39| 40| 41| 42| 43| 44|
```

Flown: 100% (18/18)
Green: 100% (18/18)
Yellow: 0% (0/18)
Red: 0% (0/18)

**D05|UNDE** (University of Notre Dame Environmental Research Center)

```
| 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| 27| 28| 29|   |   |   |   |   |   |   |   |   |   |   |   |   |
```

Flown: 100% (28/28)
Green: 100% (28/28)
Yellow: 0% (0/28)
Red: 0% (0/28)

**Weather Forecast**

**Rhinelander, WI (KRHI)**

<table>
<thead>
<tr>
<th>Mon 6/27</th>
<th>Tue 6/28</th>
<th>Wed 6/29</th>
<th>Thu 6/30</th>
<th>Fri 7/1</th>
<th>Sat 7/2</th>
<th>Sun 7/3</th>
</tr>
</thead>
<tbody>
<tr>
<td>**73°</td>
<td>54°F**</td>
<td>**72°</td>
<td>45°F**</td>
<td>**76°</td>
<td>64°F**</td>
<td>**78°</td>
</tr>
<tr>
<td>Sunny</td>
<td>Mostly Cloudy</td>
<td>PM Thunderstorms</td>
<td>Scattered Thunderstorms</td>
<td>0 in</td>
<td>0.41 in</td>
<td>0 in</td>
</tr>
</tbody>
</table>

**St. Cloud, MN (CDRC)**

<table>
<thead>
<tr>
<th>Mon 6/27</th>
<th>Tue 6/28</th>
<th>Wed 6/29</th>
<th>Thu 6/30</th>
<th>Fri 7/1</th>
<th>Sat 7/2</th>
<th>Sun 7/3</th>
</tr>
</thead>
<tbody>
<tr>
<td>**82°</td>
<td>62°F**</td>
<td>**82°</td>
<td>55°F**</td>
<td>**89°</td>
<td>74°F**</td>
<td>**87°</td>
</tr>
<tr>
<td>Mostly Sunny</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Isolated Thunderstorms</td>
<td>0.02 in</td>
<td>0 in</td>
<td>0 in</td>
</tr>
</tbody>
</table>

source: wunderground.com
Flight Collection Plan for 27 June 2022:
Conduct the Cedar Creek Assignable Asset flight box.

Crew: John (Lidar), Abe (NIS)