Payload 1 Daily Flight Report

Date: 2023-06-16
Flight Campaign ID: P1C1
Airport, FBO ID, City: Winchester Regional Airport (KOKV) - Winchester, VA
Aircraft: N331AR

Domain: 02 (Mid-Atlantic)
Sites Flown: None
Days left in Domain: 2

Report Author: Elissa
Lidar Operators: Elissa  Flight Hours: 00:00
Spectrometer Operators: Mitch  Hours until maintenance: 0.00
Pilots: Justin, Cullen

Summary
The replacement part sent in by Twin Otter today did not resolve the issue with the fuel pressure circuit breaker. A TOIL mechanic is currently in transit and will arrive late tonight to begin work on the plane. Depending on those repairs, the next potential collection opportunity will be tomorrow afternoon or Sunday morning.

Concerns
None.

Comments
Due to upcoming weather and scheduled plane maintenance in Grand Junction, our departure date from the domain has been tentatively moved up to Monday 6/19.

Cumulative Domain Coverage

Estimated Cloud Cover Key

<table>
<thead>
<tr>
<th>Green: 0-10%</th>
<th>Yellow: 11-50%</th>
<th>Red: &gt;50%</th>
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D02| BLAN (Blandy Experimental Farm)

| 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 | 30 | 31 | 32 | 33 |

Flown: 0% (0/32)
Green: 0% (0/32)
Yellow: 0% (0/32)
Red: 0% (0/32)
D02|N02B (D02 Nominal Runway)

Flown: 100% (1/1)
Green: 0% (0/1)
Yellow: 0% (0/1)
Red: 100% (1/1)

D02|SCBI (Smithsonian Conservation Biology Institute)

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Red: 0% (0/31)

D02|SERC (Smithsonian Ecological Research Center)

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Red: 0% (0/25)

D07|MLBS (Mountain Lake Biological Station)

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Flown: 100% (33/33)
Green: 97% (32/33)
Yellow: 3% (1/33)
Red: 0% (0/33)

Weather Forecast

Front Royal, VA (SCBI)

<table>
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<tr>
<th>Sat 6/17</th>
<th>Sun 6/18</th>
<th>Mon 6/19</th>
<th>Tue 6/20</th>
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<tbody>
<tr>
<td>81°</td>
<td>52°F</td>
<td>85°</td>
<td>54°F</td>
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- Sunny
- Mostly Sunny
- Mostly Cloudy

- 0 in
- 0 in
- 0 in
- 0 in
- 0.06 in
Flight Collection Plan for 17 June 2023

No flights planned until fuel pressure switch is replaced.

Crew: Mitch (Lidar), Elissa (NIS)