Payload 1 Daily Flight Report

Date: 2022-05-12
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: 22

Report Author: Cameron
Lidar Operators: Cameron
Spectrometer Operators: Elissa
Pilots: Magnus, Justin
Flight Hours: 00:00
Hours until maintenance: 86.03

Summary
The crew coordinated with the lab today and conducted diagnostic troubleshooting to determine the cause of the problem. We removed and inspected several components from the NIS rack. Replacement components have been shipped and will be installed & tested upon arrival.

Concerns
- Potential issue with the NIS PDU.

Comments
- Support equipment arrived from D11.
- Big thanks to Elissa for her amazing technical & analytical skills!

Daily Coverage

Estimated Cloud Cover Key

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

Flight Screenshots: None

Pictures: None

Cumulative Domain Coverage

| D02 BLAN (Blandy Experimental Farm) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | 27 | 28 | 29 | 30 | 31 | 32 | 33 |

Flown: 0% (0/33)
Green: 0% (0/33)
Yellow: 0% (0/33)  
Red: 0% (0/33)  
D02|N02A (D02 Nominal Runway)  
1  
Flown: 0% (0/1)  
Green: 0% (0/1)  
Yellow: 0% (0/1)  
Red: 0% (0/1)  

D02|N02B (D02 Nominal Runway)  
1  
Flown: 0% (0/1)  
Green: 0% (0/1)  
Yellow: 0% (0/1)  
Red: 0% (0/1)  

D02|SCBI (Smithsonian Conservation Biology Institute)  
1  
Flown: 0% (0/1)  
Green: 0% (0/1)  
Yellow: 0% (0/1)  
Red: 0% (0/1)  

D02|SERC (Smithsonian Ecological Research Center)  
1  
Flown: 0% (0/1)  
Green: 0% (0/1)  
Yellow: 0% (0/1)  
Red: 0% (0/1)  

Winchester, VA

<table>
<thead>
<tr>
<th></th>
<th>Fri 5/13</th>
<th>Sat 5/14</th>
<th>Sun 5/15</th>
<th>Mon 5/16</th>
<th>Tue 5/17</th>
<th>Wed 5/18</th>
<th>Thu 5/19</th>
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<tbody>
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<td></td>
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<tr>
<td></td>
<td>Rain/Thunder</td>
<td>Scattered</td>
<td>PM</td>
<td>Scattered</td>
<td>Mostly Sunny</td>
<td>Partly Cloudy</td>
<td>PM</td>
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<td>0.2 in</td>
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Flight Collection Plan for 13 May 2022

Troubleshoot NIS system – no flights planned.

**Crew:** Elissa and Cam