Payload 1 Daily Flight Report

Date: 2023-07-19
Flight Campaign ID: P1C1
Airport, FBO ID, City: Fairbanks International Airport (PAFA) - Fairbanks, AK
Aircraft: N331AR

Domain: 19 (Taiga)
Sites Flown: None
Days left in Domain: 33

Report Author: Cameron
Lidar Operators: Cameron
Spectrometer Operators: Abe
Pilots: Jeff, Vince

Flight Hours: 00:00
Hours until maintenance: 67.50

Summary
Overcast skies and intermittent rain showers kept the plane grounded today. No flights were conducted.

Concerns
- None

Comments
- The crew replaced the two RCX C-Link boxes in hopes of resolving the NIS Frame-grabber issue.

Daily Coverage
Estimated Cloud Cover Key

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

Pictures: Abe replacing the RCX C-Link boxes
Cumulative Domain Coverage

D19|BONA (Caribou Creek and Poker Flats Watershed)

| 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 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 |

Flown: 0% (0/46)
Green: 0% (0/46)
Yellow: 0% (0/46)
Red: 0% (0/46)

D19|DEJU_P1 (Delta Junction)

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
</tr>
</thead>
</table>

Flown: 0% (0/10)
Green: 0% (0/10)
Yellow: 0% (0/10)
Red: 0% (0/10)

D19|DEJU_P2 (Delta Junction)

<table>
<thead>
<tr>
<th>11</th>
<th>12</th>
<th>13</th>
<th>14</th>
<th>15</th>
<th>16</th>
<th>17</th>
<th>18</th>
<th>19</th>
<th>20</th>
<th>21</th>
</tr>
</thead>
</table>

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

D19|HEAL (Healy)

| 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)

Weather Forecast

Delta Junction, AK (DEJU)

<table>
<thead>
<tr>
<th>Thu 7/20</th>
<th>Fri 7/21</th>
<th>Sat 7/22</th>
<th>Sun 7/23</th>
<th>Mon 7/24</th>
<th>Tue 7/25</th>
<th>Wed 7/26</th>
</tr>
</thead>
<tbody>
<tr>
<td>75°</td>
<td>53°F</td>
<td>80°</td>
<td>58°F</td>
<td>85°</td>
<td>60°F</td>
<td>82°</td>
</tr>
</tbody>
</table>

- Mostly Sunny
- Mostly Sunny
- Partly Cloudy
- Partly Cloudy
- PM
- Partly Cloudy
- AM Showers

- 0 in
- 0 in
- 0 in
- 0 in
- 0.16 in
- 0.12 in
- 0.17 in
Flight Collection Plan for 20 July 2023

Flyority 1
Collection Area: Delta Junction (DEJU) – Priority Flight Box 1
Flight Plan Name: D19_DEJU_R1_P1_P2_v5_PRM.xml
On-Station Time: 10:20 L / 18:20 UTC

Flyority 2
Collection Area: Delta Junction (DEJU) – Priority Flight Box 2
Flight Plan Name: D19_DEJU_R1_P1_P2_v5_PRM.xml
On-Station Time: 10:20 L / 18:20 UTC

Flyority 3
Collection Area: Caribou Creek – Poker Flats Watershed (BONA)
Flight Plan Name: D19_BONA_C1_P1_v1_PRM.xml
On-Station Time: 10:30 L / 18:30 UTC

Flyority 4
Collection Area: Healy (HEAL)
Flight Plan Name: D19_HEAL_R3_P1_v1_PRM.xml
On-Station Time: 10:30 L / 18:30 UTC

Crew: Abraham (Lidar), Cameron (NIS)