August 15, 2019 Payload 2 Daily Flight Report

**Date:** 2019-08-15  
**Flight Campaign ID:** 2019_P2C1  
**Airport, FBO ID, City:** Fairbanks International Airport (PAFA) - Fairbanks, AK

**Domain:** 19  
**Sites Flown:** None  
**Days left in Domain:** 5

**Report Author:** Robb Walker  
**Flight Crew:** Robb Walker, Michael Wussow  
**Flight Hours:** 00:00  
**Ground/GPS:** None  
**Hours until maintenance:** 31.22  
**Pilots:** Paul Muth, Micah Hoogeveen  
**Additional Personnel:** None  
**GPS Instruments:** None

**Summary**  
Rain and low clouds continue to dominate the skies over Alaska interior. No flights conducted today.

**Concerns**  
None

**Comments**  
None

**Pictures**

Rain and low clouds at HEAL (Tower Cam)
### Cumulative Domain Coverage

**BONA**

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Flown: 100% (46/46)
Green: 0% (0/46)
Yellow: 0% (0/46)
Red: 102% (47/46)

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**DEJU**

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Flown: 66% (21/32)
Green: 0% (0/32)
Yellow: 0% (0/32)
Red: 69% (22/32)

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**HEAL**

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Flown: 70% (23/33)
Green: 0% (0/33)
Yellow: 0% (0/33)
Red: 70% (23/33)

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**N19A**

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

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### Weather Forecast

**Fairbanks, AK**

<table>
<thead>
<tr>
<th>Fri 8/16</th>
<th>Sat 8/17</th>
<th>Sun 8/18</th>
<th>Mon 8/19</th>
<th>Tue 8/20</th>
<th>Wed 8/21</th>
<th>Thu 8/22</th>
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<tbody>
<tr>
<td>54°</td>
<td>41° F</td>
<td>56°</td>
<td>36° F</td>
<td>55°</td>
<td>34° F</td>
<td>56°</td>
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<tr>
<td>Showers</td>
<td>Partly Cloudy</td>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
<td>Partly Cloudy</td>
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**Cloud Cover (%)**

**Chance of Precip. (%)**
Flight Collection Plan for 16 August 2018

**Flyority 1:**
Collection Area: Caribou Creek-Poker Flats Watershed (BONA)
Flight Plan Name: D19_BONA_C1_P1_730max_v2.pln
On-station Time: 20:00 UTC / 12:00 L (35deg solar angle)
*Only if green conditions exist

**Flyority 2:**
Collection Area: Delta Junction (DEJU)
Flight Plan Name: D19_DEJU_R1_P1_730max_v3.pln
On-station Time: 19:40 UTC / 11:40 L (35deg solar angle)
*Lines 1-12
Flyority 3:
Collection Area: Healy (HEAL)
Flight Plan Name: D19_HEAL_R3_P1_730max_v1.pln
On-station Time: 19:50 UTC / 11:50 L (35deg solar angle)
*Lines 1-11

Flyority 4:
Collection Area: Nominal Runway – D19
Flight Plan Name: D19_N19A_Nominal_Runway_Test_v1.pln
On-station time: N/A
Crew: Michael Wussow (Lidar), Robb Walker (NIS)

Flight Collection Plan for 17 August 2019
Flyority 1-4: Same as previously briefed
Crew: Robb Walker (Lidar), Michael Wussow (NIS)