June 27, 2018 Payload 2 Daily Flight Report

Date: 2018-06-27
Flight Campaign ID: 2018_P2C1
Airport, FBO ID, City: Fairbanks International Airport (PAFA) - Fairbanks, AK

Domain: 19
Sites Flown: HEAL (Healy)
Days left in Domain: 6

Report Author: Ivana Vu
Flight Crew: Ivana Vu, Abe Morrison
Ground/GPS: David Gambino
Pilots: Gian Carey, Hans Germann
Additional Personnel: None
GPS Instruments: C-FAI1, U-GRNX

Flight Hours: 02:49
Hours until maintenance: 100.23

Summary
Although BONA site was overcast throughout the day, twelve lines were collected under green sky conditions at HEAL.

Concerns
None

Comments
Robb Walker departed D19 today and David Gambino departs tomorrow

Flight Screenshots
### Pictures

View of Denali from HEAL site

Chena River and tributary near Fairbanks

### Daily Coverage

<table>
<thead>
<tr>
<th>D19</th>
<th>HEAL</th>
<th>Line</th>
<th>SpecG</th>
<th>SpecY</th>
<th>SpecR</th>
<th>NIS</th>
<th>Lidar</th>
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Flown: 13
## Cumulative Domain Coverage

### BONA

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<tr>
<td>Flown:</td>
<td>26% (12/46)</td>
<td>Green:0% (0/46)</td>
<td>Yellow:0% (0/46)</td>
<td>Red:28% (13/46)</td>
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<td>Flown:</td>
<td>0% (0/32)</td>
<td>Green:0% (0/32)</td>
<td>Yellow:0% (0/32)</td>
<td>Red:0% (0/32)</td>
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### HEAL

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<td>Flown:</td>
<td>39% (13/33)</td>
<td>Green:36% (12/33)</td>
<td>Yellow:3% (1/33)</td>
<td>Red:21% (7/33)</td>
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### N19A

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<td>Flown:100% (1/1)</td>
<td>Green:0% (0/1)</td>
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## Weather Forecast

**Fairbanks, AK**

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<tr>
<th>Thu 6/28</th>
<th>Fri 6/29</th>
<th>Sat 6/30</th>
<th>Sun 7/1</th>
<th>Mon 7/2</th>
<th>Tue 7/3</th>
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<tr>
<td>68°</td>
<td>53°</td>
<td>68°</td>
<td>52°</td>
<td>68°</td>
<td>54°</td>
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- Mostly Cloudy  
- Rain  
- Showers  
- Showers  
- Partly Cloudy  
- Mostly Sunny  

- 0.01 in  
- 0.25 in  
- 0.32 in  
- 0.06 in  
- 0 in  
- 0.04 in  

- Cloud Cover (%)  
- Chance of Precip. (%)
Flight Collection Plan for 28 June 2018

Flyority 1:
Collection Area: Caribou Creek – Poker Flats Watershed (BONA)
Flight Plan Name: D19_BONA_C1_P1_730max_v2.pln
On-station Time: 1810 UTC / 1010 L

Flyority 2:
Collection Area: Healy (HEAL)
Flight Plan Name: D19_HEAL_R3_P1_730max_v1.pln
On-station Time: 1810 UTC / 1010 L
Crew: Abe Morrison (Lidar), Ivana Vu (NIS)

Flight Collection Plan for 29 June 2018

Flyority 1: Same as previous day
Crew: Ivana Vu (Lidar), Abe Morrison (NIS)