August 3, 2018 Payload 2 Daily Flight Report

Date: 2018-08-03
Flight Campaign ID: 2018_P2C1
Airport, FBO ID, City: Fairbanks International Airport (PAFA) - Fairbanks, AK

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

Report Author: Ivana Vu
Flight Crew: Heather Rogers, Ivana Vu
Flight Hours: 00:00
Ground/GPS: Mitch Haynes
Hours until maintenance: 57.78
Pilots: Mike Francis, Hans Germann
Additional Personnel: None
GPS Instruments: None

Summary
Low overcast clouds and rain in the vicinity prevented flights today.

Concerns
- HQ is continuing to troubleshoot the Hotel Kit memory issue which results in a black screen and users being locked out while QAQC is running.
- QAQC completed on all flights; Disk Set 4 still needs to be tested in-flight once HQ verifies data.

Comments
None

Cumulative Domain Coverage
BONA

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<tbody>
<tr>
<td>Flown: 26% (12/46)</td>
<td>Flown: 0% (0/46)</td>
<td>Flown: 0% (0/46)</td>
<td>Flown: 28% (13/46)</td>
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<td>Green: 0% (0/46)</td>
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<td>Red: 28% (13/46)</td>
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DEJU

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<tr>
<td>Flown: 84% (27/32)</td>
<td>Flown: 44% (14/32)</td>
<td>Flown: 0% (0/32)</td>
<td>Flown: 44% (14/32)</td>
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<td>Green: 44% (14/32)</td>
<td>Yellow: 0% (0/32)</td>
<td>Red: 44% (14/32)</td>
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HEAL

| 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: 100% (33/33)
Green: 36% (12/33)
Yellow: 67% (22/33)
Red: 21% (7/33)

N19A

| 1 |

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

Weather Forecast
Fairbanks, AK (FBO, BONA)

<table>
<thead>
<tr>
<th>Sat 8/4</th>
<th>Sun 8/5</th>
<th>Mon 8/6</th>
<th>Tue 8/7</th>
<th>Wed 8/8</th>
<th>Thu 8/9</th>
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<tbody>
<tr>
<td>69°</td>
<td>52° F</td>
<td>60°</td>
<td>53° F</td>
<td>59°</td>
<td>51° F</td>
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Cloudy | Rain | Showers | Rain | AM Showers | AM Showers |

0.12 in | 0.83 in | 0.37 in | 0.5 in | 0.09 in | 0.01 in |

Delta Junction, AK (DEJU)

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<th>Sat 8/4</th>
<th>Sun 8/5</th>
<th>Mon 8/6</th>
<th>Tue 8/7</th>
<th>Wed 8/8</th>
<th>Thu 8/9</th>
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</thead>
<tbody>
<tr>
<td>66°</td>
<td>55° F</td>
<td>65°</td>
<td>54° F</td>
<td>60°</td>
<td>53° F</td>
</tr>
</tbody>
</table>

Cloudy | Showers | Showers | Showers | Showers | AM Showers |

0.02 in | 0.61 in | 0.29 in | 0.2 in | 0.29 in | 0.06 in |
Flight Collection Plan for 04 August 2018

Flyority 1:
Collection Area: Delta Junction (DEJU), if sky conditions are green
Flight Plan Name: D19_DEJU_R1_P1_730max_v2.pln
On-station Time: 1850 UTC / 1050 L

Flyority 2:
Collection Area: Caribou Creek – Poker Flats Watershed (BONA)
Flight Plan Name: D19_BONA_C1_P1_730max_v2.pln
On-station Time: 1910 UTC / 1110 L

Flyority 3:
Collection Area: Healy (HEAL), if sky conditions are green
Flight Plan Name: D19_HEAL_R3_P1_730max_v1.pln
On-station Time: 1910 UTC / 1110 L
Crew: Mitch Haynes (Lidar), Ivana Vu (NIS), Heather Rogers (Ground/GPS)

Flight Collection Plan for 05 August 2018
Flyority: Same as previous day
Crew: Heather Rogers (Lidar), Mitch Haynes (NIS), Ivana Vu (Ground/GPS)