April 11, 2019 Payload 3 Daily Flight Report

Date: 2019-04-11
Flight Campaign ID: 2019_P3C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO

Domain: 00
Sites Flown: None
Days left in Domain: 7

Report Author: Robb Walker
Flight Crew: None
Ground/GPS: Matt Devoe, John Adler, Robb Walker
Pilots: Mike Francis, Mark Solper
Additional Personnel: None
GPS Instruments: None

Flight Hours: 00:00
Hours until maintenance: 112.07

Summary
No calibration flights today due to cloud conditions and snow fall. Forecast tomorrow doesn’t indicate conditions needed for Radiometric or NIS offset, so training flight planned for Friday.

Concerns
None

Comments
None

Pictures

Sky conditions over KBDU
## Cumulative Domain Coverage

### B10D_1600m

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- **Flown:** 100% (3/3)
- **Green:** 100% (3/3)
- **Yellow:** 0% (0/3)
- **Red:** 100% (3/3)

### B10D_1000m

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- **Flown:** 100% (8/8)
- **Green:** 100% (8/8)
- **Yellow:** 0% (0/8)
- **Red:** 0% (0/8)

### B10D_500m

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- **Flown:** 100% (9/9)
- **Green:** 100% (9/9)
- **Yellow:** 0% (0/9)
- **Red:** 0% (0/9)

### H10C

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- **Flown:** 200% (4/2)
- **Green:** 0% (0/2)
- **Yellow:** 0% (0/2)
- **Red:** 450% (9/2)

### N10D

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 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 |

- **Flown:** 85% (22/26)
- **Green:** 0% (0/26)
- **Yellow:** 0% (0/26)
- **Red:** 85% (22/26)

### O10B

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- **Flown:** 0% (0/2)
- **Green:** 0% (0/2)
- **Yellow:** 0% (0/2)
- **Red:** 0% (0/2)

### R10C

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- **Flown:** 100% (5/5)
- **Green:** 0% (0/5)
- **Yellow:** 0% (0/5)
- **Red:** 100% (5/5)
Weather Forecast
Boulder, CO

<table>
<thead>
<tr>
<th>Fri 4/12</th>
<th>Sat 4/13</th>
<th>Sun 4/14</th>
<th>Mon 4/15</th>
<th>Tue 4/16</th>
<th>Wed 4/17</th>
<th>Thu 4/18</th>
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<tbody>
<tr>
<td>41°</td>
<td>27° F</td>
<td>45°</td>
<td>30° F</td>
<td>62°</td>
<td>40° F</td>
<td>68°</td>
</tr>
<tr>
<td>Mostly Cloudy</td>
<td>Partly Cloudy</td>
<td>Mostly Cloudy</td>
<td>Partly Cloudy</td>
<td>Showers</td>
<td>PM Showers</td>
<td>AM Snow Showers</td>
</tr>
</tbody>
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Flight Collection Plan for 11-12 April 2019

**Flyority 1**
Collection Area: Radiometric Calibration – Table Mountain
Flight Plan Name: D10_R10C_Rad_Cal_TBMT_v1_Q780.rpp
On-station Time: 1050 L / 1650 UTC

**Flyority 2**
Collection Area: NIS Offset Flight
Flight Plan Name: D10_O10B_NIS_Offset_v2_Q780.rpp
On-station Time: 1020 L / 1620 UTC

**Flyority 3**
Collection Area: Boulder City Nominal Science Flight (Training)
Flight Plan Name: D10_V10C_East_v7_Q780

**Crew:** Bridget Hass, John Adler, Robb Walker and Matt DeVoe