Payload 2 Daily Flight Report

Date: 2020-06-09
Flight Campaign ID: P2C1
Airport, FBO ID, City: Rocky Mountain Metropolitan Airport (KBJC) - Broomfield, CO

Domain: 00 (Training & Calibration)
Sites Flown: None
Days left in Domain: 2

Report Author: Michael Wussow
Lidar Operators: Michael Wussow
Flight Hours: 00:00
Spectrometer Operators: Matthew DeVoe
Hours until maintenance: 101.97
Pilots: Stephen Brawders, Will Matthews
GPS Instruments: None
Ground Crew: None

Summary
No flights were attempted due a wet morning, low clouds and forecasted high-winds. Shippable mission support items were sent to Bismarck today in preparation for Friday’s departure. The crew for D09 has been finalized at Robb Walker and Mike Wussow.

Concerns
None

Comments
None

Daily Coverage
None
Cumulative Domain Coverage

<table>
<thead>
<tr>
<th>Green: 0-10%</th>
<th>Yellow: 11-50%</th>
<th>Red: &gt;50%</th>
</tr>
</thead>
</table>

D00|B10B (Complete Greeley Boresight Geocalibration - 1500m, 1000m, 500m)

Flown: 100% (20/20)
Green: 0% (0/20)
Yellow: 70% (14/20)
Red: 0% (0/20)

D00|H10B (NEON Headquarters Lidar Test - modified cross-track)

Flown: 100% (4/4)
Green: 50% (2/4)
Yellow: 50% (2/4)
Red: 0% (0/4)

D00|N10C (Nominal Runway at KBDU - Optech)

Flown: 100% (14/14)
Green: 0% (0/14)
Yellow: 0% (0/14)
Red: 100% (14/14)

D00|O10A (NIS Offset)

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

D00|R10A (Table Mountain Radiometric Calibration)

Flown: 100% (5/5)
Green: 100% (5/5)
Yellow: 0% (0/5)
Red: 0% (0/5)

D00|W10B (Wiggle Timing Test)

Flown: 100% (2/2)
Green: 0% (0/2)
Yellow: 0% (0/2)
Red: 100% (2/2)
**Weather Forecast**

**Boulder, CO**

<table>
<thead>
<tr>
<th></th>
<th>Wed 6/10</th>
<th>Thu 6/11</th>
<th>Fri 6/12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Temp</strong></td>
<td>76°F</td>
<td>80°F</td>
<td>86°F</td>
</tr>
<tr>
<td><strong>Condition</strong></td>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
</tr>
<tr>
<td><strong>Precipitation</strong></td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
</tr>
</tbody>
</table>

**D09 (Bismarck, ND)**

<table>
<thead>
<tr>
<th></th>
<th>Fri 6/12</th>
<th>Sat 6/13</th>
<th>Sun 6/14</th>
<th>Mon 6/15</th>
<th>Tue 6/16</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Temp</strong></td>
<td>83°F</td>
<td>85°F</td>
<td>82°F</td>
<td>83°F</td>
<td>86°F</td>
</tr>
<tr>
<td><strong>Condition</strong></td>
<td>Mostly Sunny</td>
<td>Partly Cloudy/Wind</td>
<td>Mostly Cloudy/Wind</td>
<td>Partly Cloudy</td>
<td>Mostly Sunny</td>
</tr>
<tr>
<td><strong>Precipitation</strong></td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
</tr>
</tbody>
</table>

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**Flight Collection Plan for 09-11 June 2020**

**Flyority 1**

Collection Area: NIS Offset Flight  
Flight Plan Name: D10_O10A_NIS_Offset_v1.pln  
On-station Time: 0850 – 1730 Local / 1450 – 2300 UTC

**Flyority 2**

Collection Area: Boulder City Nominal – Auto-Exposure Testing  
Flight Plan Name: D10_V10C_Boulder_City_v6.pln  
On-station Time: 0850 – 1730 Local / 1450 – 2300 UTC  
Lines Remaining: Section 2 – Lines 9-13, Section 4 – Lines 25-28, Section 5 – Lines 17-19

**Crew**

6/10: Ivana (Lidar), John (NIS)  
6/11: Matt (Lidar), Ivana (NIS)

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**Flight Collection Plan for 12 June 2020**

6/12: Robb (Lidar), Mike (NIS)  
Transit to D09 – Bismarck, ND