Date: 2020-06-10
Flight Campaign ID: P2C1
Airport, FBO ID, City: Rocky Mountain Metropolitan Airport (KBJC) - Broomfield, CO

Domain: 00 (Training & Calibration)
Sites Flown: O10A (NIS Offset), V10C (Boulder City Nominal)
Days left in Domain: 1

Report Author: Ivana Vu
Lidar Operators: Ivana Vu
Spectrometer Operators: John Adler
Pilots: Stephen Brawders, Will Matthews
Ground Crew: Matt Devoe

Flight Hours: 02:15, 00:24, 00:21, 00:23, 00:24
Hours until maintenance: 98.18

Summary
Crew conducted a camera test flight as well as the NIS Offset calibration. All training and calibration flights have been now been completed, and the plane will be packed tomorrow in preparation for the transit to D09 on Friday.

Concerns
None

Comments
None

Daily Coverage
Estimated Cloud Cover Key

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

D00|V10C

<table>
<thead>
<tr>
<th>Line #</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
<th>13</th>
<th>17</th>
<th>18</th>
<th>19</th>
<th>25</th>
<th>26</th>
<th>27</th>
<th>28</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lidar</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Spectrometer</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Camera</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Cloud Cover</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

Total number of lines flown: 12

D00|O10A

<table>
<thead>
<tr>
<th>Line #</th>
<th>1</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lidar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spectrometer</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Camera</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Cloud Cover</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total number of lines flown: 2
Cumulative Domain Coverage

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

- Flown: 100% (20/20)
- Green: 0% (0/20)
- Yellow: 10% (2/20)
- 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: 100% (2/2)
Green: 100% (2/2)
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>Thu 6/11</th>
<th>Fri 6/12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
</tr>
<tr>
<td>81°</td>
<td>56°F</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Thu 6/11</th>
<th>Fri 6/12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunny</td>
<td>Partly Cloudy/Wind</td>
</tr>
<tr>
<td>84°</td>
<td>58°F</td>
</tr>
</tbody>
</table>

Cloud Cover (%) Chance of Precip. (%)

Flight Collection Plan for 11 June 2020
No flights scheduled

Flight Collection Plan for 12 June 2020
Robb Walker, Michael Wussow
Transit to D09 – Bismarck, ND