Payload 2 Daily Flight Report

Date: 2020-06-06  
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: 5

Report Author: Matt DeVoe  
Lidar Operators: Matt DeVoe  
Spectrometer Operators: John Adler  
Pilots: Will Matthews, Stephen Brawders  
Ground Crew: None

Flight Hours: 0  
Hours until maintenance: 104.03  
GPS Instruments: 06 – FBO_KBDU, NGN-KBDU

Summary
High wind and cloud conditions not suitable for training or calibration activities.

Concerns
- Database PDF logs and Daily Report are still not generating, but are being worked.
- Service Now RAID and Mission Extraction forms cannot be submitted for Payload-2 and is being investigated.

Comments
- Testing of the Auto-Exposure mode for Payload 2’s camera was done coincidentally with the V10C re-certification flight. Testing will be completed in 11 more lines.

Weather Forecast

<table>
<thead>
<tr>
<th></th>
<th>Sat 6/6</th>
<th>Sun 6/7</th>
<th>Mon 6/8</th>
<th>Tue 6/9</th>
<th>Wed 6/10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weather</td>
<td>82°</td>
<td>89°</td>
<td>75°</td>
<td>68°</td>
<td>79°</td>
</tr>
<tr>
<td>Thunders</td>
<td>Isolated</td>
<td>Mostly Sunny</td>
<td>PM</td>
<td>Partly Cloudy</td>
<td>Mostly Sunny</td>
</tr>
<tr>
<td>Precip.</td>
<td>0.02 in</td>
<td>0 in</td>
<td>0.16 in</td>
<td>0 in</td>
<td>0 in</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Cloud Cover (%)</th>
<th>Chance of Precip. (%)</th>
</tr>
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Flight Collection Plan for 07-08 June 2020

Flyority 1
Collection Area: Radiometric Calibration at Table Mountain
Flight Plan Name: D10_R10A_Radiometric_Calibration_Table_Mountain_v1.pln
On-station Time: 0950 – 1600 Local / 1550 – 2210 UTC

Flyority 2
Collection Area: NIS Offset Flight
Flight Plan Name: D10_O10A_NIS_Offset_v1.pln
On-station Time: 0850 – 1730 Local / 1450 – 2300 UTC

Flyority 3
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
6/7: Robb Walker (Lidar), John Adler (NIS), Ivana Vu (Certifier)
6/8: Ivana (Lidar), John Adler (NIS)