April 17th, 2018 Payload 2 Daily Flight Report

Flight Campaign ID: 2018_P2C1
Airport, FBO ID, City: Boulder Muni, KBDU, Boulder

Domain: 00
Sites Flown: none
Days left in Domain: 16

Report Author: Abe Morrison
Flight Crew: n/a
Ground/GPS Crew: n/a
Pilots: n/a
Additional Personnel: n/a

GPS Instruments: none
Flight Hours: 0.0
Hours until aircraft maintenance: ~121.6

Summary: The payload continued to cool today and is almost at operating temp. It should be done later tonight.

Concerns: None.

Comments:
--Good weather is forecast for tomorrow and several calibration flights are planned. The current plan is to fly the Nominal Runway flight first, then as the sun rises to the proper solar angel we will attempt to fly the Table Mtn flight. Once the Table Mtn Flight is complete we will fly directly to Greeley to get the boresight flight completed.
Weather Forecast

Boulder, CO

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</thead>
<tbody>
<tr>
<td>Temp</td>
<td>58°</td>
<td>64°</td>
<td>55°</td>
<td>55°</td>
<td>65°</td>
<td>67°</td>
<td>58°</td>
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<tr>
<td>Cond</td>
<td>Sunny</td>
<td>Partly Cloudy</td>
<td>PM Rain</td>
<td>AM Showers</td>
<td>Mostly Sunny</td>
<td>Partly Cloudy</td>
<td>PM Showers</td>
</tr>
<tr>
<td>Precip</td>
<td>0 in</td>
<td>0 in</td>
<td>0.74 in</td>
<td>0.02 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0.12 in</td>
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</tbody>
</table>

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

Flight Collection Plan for 18 April 2018

Flyority 1
Collection Area: Nominal Runway
Flight Plan Name: D10_N10C_Nominal_Runway_Test_v8.pln
Crew
Trainer: Matt DeVoe, Lidar: John Adler, NIS: Robb Walker, Ground: Nick Marusich

Flyority 2
Collection Area: Table Mountain Radiometric Calibration
Flight Plan Name: D10_R10A_Radiometric_Calibration_Table_Mountain_v1.pln
Crew
Trainer: Matt DeVoe, Lidar: Abe Morrison, NIS: Nick Marusich, Ground: Robb Walker

Flyority 3
Collection Area: Boresight Calibration – Geo-calibration – Greeley, CO
Flight Plan Name: D10_B10B_Greeley_Boresight_Geocalibration_Plan_v8.pln
Crew
Trainer: Matt DeVoe, Lidar: Abe Morrison, NIS: Nick Marusich, Ground: Robb Walker