2017_P1C1 Daily Report

Flight Campaign ID: 2017_P1C1
FBO ID & City: Boulder Municipal Airport (KBDU) - Boulder, CO
Domain: 10
Sites Flown: Calibration R10B
Days left in Domain: 16
Flight Hours: 00:16; 01:12
Hours until maintenance: 92.23

Date: 2017-06-29
Report Author: Ivana Vu
Pilots: Jared Kadis, Justin Eddington
Flight Crew: Ivana Vu, Doug Cavender
Ground/GPS: Matt DeVoe, Nick Marusich
Additional Personnel: Nathan Leisso, David Hulslander

GPS Instruments:
12 - KBDU

Summary:
Completed two cycles of R10B (Radiometric Calibration) in conjunction with field tarp deployments at Boulder Municipal Airport.

Issues/Concerns:
- NIS OBC bulb has arrived and will be replaced today
- Payload experienced AXE power issues which will be addressed after radiometric calibration flights tomorrow

Comments:
- Completed R10B (green/<10% cloud cover): 1st cycle under relaxed 30-degree sun angle and 2nd within 45-degree sun angle
- Cameron Chapman departs D09 for Denver today
NIS/Lidar Screenshot

Domain Coverage

<table>
<thead>
<tr>
<th>D00</th>
<th>Calibration R10B</th>
<th>Line</th>
<th>SpecG</th>
<th>SpecY</th>
<th>SpecR</th>
<th>NIS</th>
<th>Lidar</th>
<th>Camera</th>
<th>Cumulative</th>
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Weather Forecast

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<tr>
<th>Thu 06/29</th>
<th>Fri 06/30</th>
<th>Sat 07/01</th>
<th>Sun 07/02</th>
<th>Mon 07/03</th>
<th>Tue 07/04</th>
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<tbody>
<tr>
<td>86°</td>
<td>54°</td>
<td>73°</td>
<td>54°</td>
<td>85°</td>
<td>58°</td>
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<tr>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Clear</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Clear</td>
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0% | 25% | 50% | 75% | 100% |

Cloud Cover (%) | Chance of Precip. (%)
Flight Collection Plan for 30 June 2017

Flight Plan: Radiometric Calibration at Boulder Airport
Crew: Doug Cavender, Ivana Vu, Cam Chapman
On Station: 0830L

Flight Collection Plan for 01 July 2017

Pilot Down Day – No flight activities planned

Flight Collection Plan for 02 July 2017

TBD