Date: 2023-03-20
Flight Campaign ID: P1C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO
Aircraft: N331AR

Domain: 00 (Training & Calibration)
Sites Flown: None
Days left in Domain: 14

Report Author: Cameron
Lidar Operators: Cameron          Flight Hours: 00:00
Spectrometer Operators: Mitch     Hours until maintenance: 125.00
Pilots: Justin, Vince
Ground Crew: Matt

Summary
The aircraft arrived last night to avoid potential weather over the Rocky Mountains. The flight ops install crew, consisting of Matt, Cam and Mitch arrived at the PIF this morning and completed install in a timley fashion. The payload is currently cooling and should be ready for potential flights Thursday morning.

Concerns
None

Comments
In person Flight Ops training is scheduled for Tuesday and Wednesday this week.

Daily Coverage

Estimated Cloud Cover Key

| Green: 0-10% | Yellow: 11-50% | Red: >50% |

Flight Screenshots: None

Pictures: None

Cumulative Domain Coverage

D00|B10D_1000m (Greeley Boresight Geocalibration - 1000m - Riegl)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

Flown: 0% (0/8)
Green: 0% (0/8)
Yellow: 0% (0/8)
Red: 0% (0/8)
D00|B10D_1600m (Greeley Boresight Geocalibration - 1600m - Riegl)
[1 2 3]
Flown: 0% (0/3)
Green: 0% (0/3)
Yellow: 0% (0/3)
Red: 0% (0/3)

D00|B10D_500m (Greeley Boresight Geocalibration - 600m - Riegl)
[1 2 3 4 5 6 7 8 9]
Flown: 0% (0/9)
Green: 0% (0/9)
Yellow: 0% (0/9)
Red: 0% (0/9)

D00|B10F (Complete Greeley Boresight Geocalibration - 1500m, 1000m, 550m - Galaxy)
[1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20]
Flown: 0% (0/20)
Green: 0% (0/20)
Yellow: 0% (0/20)
Red: 0% (0/20)

D00|H10D (NEON Headquarters Lidar Validation - Galaxy)
[1 2 3 4]
Flown: 0% (0/4)
Green: 0% (0/4)
Yellow: 0% (0/4)
Red: 0% (0/4)

D00|N10F (Nominal Runway at KBDU - Galaxy)
[1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37]
Flown: 0% (0/37)
Green: 0% (0/37)
Yellow: 0% (0/37)
Red: 0% (0/37)

D00|O10C (NIS Offset - Galaxy)
[1 2]
Flown: 0% (0/2)
Green: 0% (0/2)
Yellow: 0% (0/2)
Red: 0% (0/2)

D00|R10E (Table Mountain Radiometric Calibration - Galaxy)
[1 2 3 4 5]
Flown: 0% (0/5)
Green: 0% (0/5)
Yellow: 0% (0/5)
Red: 0% (0/5)

D00|R10F (Boulder Airport Radiometric Calibration - Galaxy)
[1 2 3 4 5]
Flown: 0% (0/5)
Green: 0% (0/5)
Yellow: 0% (0/5)
Red: 0% (0/5)
D00|V10F (Boulder City Nominal - Galaxy)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| Flown: 0% (0/29)
Green: 0% (0/29)
Yellow: 0% (0/29)
Red: 0% (0/29)

D00|W10D (Wiggle Timing Test - Galaxy)

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

Weather Forecast
Boulder, CO

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<tbody>
<tr>
<td>55°</td>
<td>31°F</td>
<td>56°</td>
<td>32°F</td>
<td>51°</td>
<td>29°F</td>
<td>51°</td>
</tr>
<tr>
<td>Partly Cloudy</td>
<td>Rain/Snow Showers</td>
<td>Mostly Sunny</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Snow Showers</td>
<td>Partly Cloudy</td>
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<tr>
<th>Cloud Cover (%)</th>
<th>Chance of Precip. (%)</th>
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<td>source: wunderground.com</td>
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Flight Collection Plan for 21 – 22 March 2023
Pumping and cooling