Payload 1 Daily Flight Report

Date: 2023-04-05
Flight Campaign ID: P1C1
Airport, FBO ID, City: Lake Havasu City Airport (KHII) - Lake Havasu, AZ, Fresno Yosemite International Airport (KFAT) - Fresno, CA
Aircraft: N331AR

Domain: 00 (Training & Calibration)
Sites Flown: Transit
Days left in Domain: 0

Report Author: Abe
Lidar Operators: Abe
Flight Hours: 02:14:00, 02:17:00
Spectrometer Operators: Hours until maintenance: 102.97
Pilots: Justin, Will
Ground Crew: Mitch

Summary
The crew began the transit back to boulder early this morning. The weather in the boulder area was not conducive to a safe approach, so it was decided to stay the night in Albuquerque NM. The Otter should arrive in boulder tomorrow morning around 10:00 local time.

Concerns
None

Comments
None

Cumulative Domain Coverage

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: 100% (20/20)
Green: 0% (0/20)
Yellow: 75% (15/20)
Red: 25% (5/20)

D00|H10D (NEON Headquarters Lidar Validation - Galaxy)

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Flown: 100% (4/4)
Green: 0% (0/4)
Yellow: 0% (0/4)
Red: 100% (4/4)
D00|N10F (Nominal Runway at KBDU - Galaxy)

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- Flown: 100% (37/37)
- Green: 14% (5/37)
- Yellow: 86% (32/37)
- 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|V10F ()

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- Flown: 14% (4/29)
- Green: 0% (0/29)
- Yellow: 14% (4/29)
- Red: 0% (0/29)

D00|W10D (Wiggle Timing Test - Galaxy)

| 1 | 2 |

- Flown: 100% (2/2)
- Green: 0% (0/2)
- Yellow: 0% (0/2)
- Red: 100% (2/2)

Weather Forecast

<table>
<thead>
<tr>
<th>Source</th>
<th>Location</th>
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<tbody>
<tr>
<td>Wunderground.com</td>
<td>Albuquerque NM</td>
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<tr>
<th>Thu 4/6</th>
<th>Fri 4/7</th>
<th>Sat 4/8</th>
<th>Sun 4/9</th>
<th>Mon 4/10</th>
<th>Tue 4/11</th>
<th>Wed 4/12</th>
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<tr>
<td>65°</td>
<td>50°</td>
<td>64°</td>
<td>66°</td>
<td>74°</td>
<td>80°</td>
<td>77°</td>
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<td>37°F</td>
<td>28°F</td>
<td>38°F</td>
<td>39°F</td>
<td>43°F</td>
<td>49°F</td>
<td>47°F</td>
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- Sunny
- Mostly Sunny
- Mostly Cloudy
- Partly Cloudy
- Sunny
- Mostly Sunny
- Partly Cloudy

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<tr>
<th>Cloud Cover (%)</th>
<th>Chance of Precip. (%)</th>
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source: wunderground.com
Flight Collection Plan for 6 April 2023

Continue transit to Boulder CO

Crew: Abe