August 16, 2018 Payload 3 Daily Flight Report

Date: 2018-08-16
Flight Campaign ID: 2018_P3C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO

Domain: 13
Sites Flown: None
Days left in Domain: 1

Report Author: Cameron Chapman
Flight Crew: None
Ground/GPS: Cameron Chapman
Pilots: Grant Frost, Stephen Brawders
Additional Personnel: GPS Instruments

Summary
Aircraft and payload troubleshooting continued today. The payload will begin cooling this afternoon in preparation for the transit on Saturday.

Concerns
None

Comments
-- Transit to D14 is planned for this Saturday the 18th.
-- Mitch Haynes departed for D14 and will begin deploying GPS units tomorrow.

Cumulative Domain Coverage

MOAB

|   | 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|

Flown: 100% (29/29)
Green: 100% (29/29)
Yellow: 0% (0/29)
Red: 0% (0/29)

NIWO

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Flown: 100% (52/52)
Green: 81% (42/52)
Yellow: 60% (31/52)
Red: 0% (0/52)

WLOU

|   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|
| 21| 22| 23| 24| 25| 26| 27| 28| 29| 30| 31| 32| 33| 34|
| 41| 42| 43| 44| 45| 46| 47| 48| 49| 50| 51| 52|

Flown: 0% (0/14)
Green: 0% (0/14)
Yellow: 0% (0/14)
Red: 0% (0/14)
Aircraft maintenance in conjunction with payload troubleshooting
Weather Forecast
Boulder CO

<table>
<thead>
<tr>
<th>Fri 8/17</th>
<th>Sat 8/18</th>
<th>Sun 8/19</th>
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<tbody>
<tr>
<td>86°</td>
<td>59° F</td>
<td>83°</td>
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Partly Cloudy

Tucson, AZ

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<tr>
<th>Fri 8/17</th>
<th>Sat 8/18</th>
<th>Sun 8/19</th>
<th>Mon 8/20</th>
<th>Tue 8/21</th>
<th>Wed 8/22</th>
<th>Thu 8/23</th>
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<th>Sat 8/25</th>
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<tr>
<td>98°</td>
<td>78° F</td>
<td>100°</td>
<td>77° F</td>
<td>104°</td>
<td>77° F</td>
<td>103°</td>
<td>78° F</td>
<td>102°</td>
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Partly Cloudy, Mostly Sunny

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

Flight Collection Plan for 17 August 2018
No flights planned until transit to D14 on the 18th