April 29, 2019 Payload 3 Daily Flight Report

Date: 2019-04-29
Flight Campaign ID: 2019_P3C1
Airport, FBO ID, City: Wichita Falls Municipal Airport (KSPS) - Wichita Falls, TX

Domain: 11
Sites Flown: None
Days left in Domain: 2

Report Author: Ivana Vu
Flight Crew: Mitch Haynes, Ivana Vu, Elissa Barris

Ground/GPS: None
Hours until maintenance: 88.05

Pilots: Chad Evans, Jeff Quintanilla
Additional Personnel: None
GPS Instruments: None

Summary
Verification of D11 data is complete and crew will depart Wichita Falls early. Based on weather forecasts, the aircraft will not be able to land in Boulder under VFR conditions until after Wednesday. The current plan is to arrive midday Thursday to complete the remaining calibration flights and then transit to D15 (Salt Lake City, UT) on Saturday as originally scheduled.

Concerns
None

Comments
- Connectivity issue at OAES tower has been resolved and GPS data should upload this evening
- Hotel Kit 3 shipped to Boulder
- Vacuum pump shipped to D15
- Congratulations to Tristan and Andrea for welcoming their new baby boy!!

Cumulative Domain Coverage

<table>
<thead>
<tr>
<th>CLBJ</th>
<th>Flown</th>
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Flown: 100% (29/29)
Green: 114% (33/29)
Yellow: 17% (5/29)
Red: 24% (7/29)

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<tr>
<th>OAES</th>
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Flown: 97% (35/36)
Green: 103% (37/36)
Yellow: 3% (1/36)
Red: 0% (0/36)
**Weather Forecast**

**Wichita Falls, TX**

<table>
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<tr>
<th>Tue 4/30</th>
<th>Wed 5/1</th>
<th>Thu 5/2</th>
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<tr>
<td>72°</td>
<td>67° F</td>
<td>79°</td>
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Thunderstorms 0.39 in
Scattered Thunderstorms 0.13 in
Cloudy 0.2 in

**Boulder, CO**

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<tr>
<th>Tue 4/30</th>
<th>Wed 5/1</th>
<th>Thu 5/2</th>
<th>Fri 5/3</th>
<th>Sat 5/4</th>
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<tbody>
<tr>
<td>50°</td>
<td>37° F</td>
<td>50°</td>
<td>33° F</td>
<td>62°</td>
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PM Showers 0.07 in
Showers 0.09 in
Sunny 0 in
Sunny 0 in
Sunny 0 in

Cloud Cover (%)  Blue Chance of Precip. (%)  Purple Chance of Snow (%)

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**Flight Collection Plan for 30 April – 1 May 2019**

Final preparations for transit while waiting for weather to clear in Boulder

**Flight Collection Plan for 2 May 2019**

**Morning**
Transit from D11 to Boulder
Crew: Mitch Haynes

**Afternoon, if the weather permits**
Radiometric Calibration at Table Mountain
NIS Offset
Crew: Mitch Haynes, Ivana Vu

**Flight Collection Plan for 3 May 2019**
Radiometric Calibration at Table Mountain
NIS Offset
Crew: Mitch Haynes, Ivana Vu

**Flight Collection Plan for 4 May 2019**
Transit from Boulder to D15 (Salt Lake City, UT)
Crew: Ivana Vu