Payload 1 Daily Flight Report

Date: 2021-07-08
Flight Campaign ID: P1C2
Airport, FBO ID, City: Fresno Yosemite International Airport (KFAT) - Fresno, CA
Aircraft: N331AR

Domain: 17 (Pacific Southwest)
Sites Flown: None
Days left in Domain: 9

Report Author: Cameron Chapman
Lidar Operators: Cameron Chapman
Spectrometer Operators: Mitch Haynes
Pilots: Justin Eddington, Nick Koukoutsakis

Flight Hours: 00:00
Hours until maintenance: 119.62

Summary
No Flights today due to pre-planned administrative activities. Normal flight operations will resume tomorrow.

Concerns
None

Comments
None

Daily Coverage

Estimated Cloud Cover Key

<table>
<thead>
<tr>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-10%</td>
<td>11-50%</td>
<td>&gt;50%</td>
</tr>
</tbody>
</table>

Flight Screenshots: None

Pictures: None

Cumulative Domain Coverage

D17|N17A (D17 Nominal Runway )

Flown: 0% (0/1)
Green: 0% (0/1)
Yellow: 0% (0/1)
Red: 0% (0/1)
D17 SOAP_P1 (Soaproot Saddle Priority 1)

Flown: 0% (0/47)
Green: 0% (0/47)
Yellow: 0% (0/47)
Red: 0% (0/47)

D17 TEAK_P1 (Teakettle Priority 1)

Flown: 0% (0/40)
Green: 0% (0/40)
Yellow: 0% (0/40)
Red: 0% (0/40)

Weather Forecast
Shaver Lake, CA

<table>
<thead>
<tr>
<th>Fri 7/9</th>
<th>Sat 7/10</th>
<th>Sun 7/11</th>
<th>Mon 7/12</th>
<th>Tue 7/13</th>
<th>Wed 7/14</th>
<th>Thu 7/15</th>
</tr>
</thead>
<tbody>
<tr>
<td>92°</td>
<td>169°F</td>
<td>Sunny 0 in</td>
<td>94°</td>
<td>68°F</td>
<td>Sunny 0 in</td>
<td>95°</td>
</tr>
</tbody>
</table>

Flight Collection Plan for July 09 2021
Flyority 1
Collection Area: Soaproot Saddle (SOAP) – Variable Altitude Plan
Flight Plan Name: D17_SOAP_R1_P1_P2_P3_v7_PRM_Var_Alt.xml
On-Station Time: 1620 – 2340 UTC / 0920 – 1640 L

Flyority 2
Collection Teakettle (TEAK) – Priority 1 Flight Box – Variable Altitude Plan
Flight Plan Name: D17_TEAK_R2_P1_P2_P3_v6_PRM_Var_Alt.xml
On-Station Time: 1620 – 2340 UTC / 0920 – 1640 L

Flyority 3
Collection Area: To test LiDAR range accuracies and noise levels at 400 kHz PRF.
Flight Plan Name: D17_N17A_Nominal_Runway_Test_v2_PRM.xml
On-Station Time: N/A

Crew: Mitch, Cam