Date: 2021-07-07
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: 10

Report Author: Mitch Haynes
Lidar Operators: Mitch Haynes
Spectrometer Operators: Cameron Chapman
Pilots: Justin Eddington, Nick Koukoutsakis
Flight Hours: 00:00
Hours until maintenance: 119.62
GPS Instruments: N/A

Summary
Crew mobilized to the airport this morning in anticipation of collecting green coverage; however high bands of cirrus clouds moved in from the coast over our flight boxes preventing any attempt at a clear sky collect. The crew opted to hold off on flights knowing that if the forecast holds true, we have many more days of clear skies ahead of us.

Concerns
None

Comments
Tomorrow is a scheduled no fly day due to administrative purposes.

Cumulative Domain Coverage
D17|N17A (D17 Nominal Runway )

1
Flown: 0% (0/1)
Green: 0% (0/1)
Yellow: 0% (0/1)
Red: 0% (0/1)

D17|SOAP_P1 (Soaproot Saddle Priority 1)

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 38 39 40
41 42 43 44 45 46 47
Flown: 0% (0/47)
Green: 0% (0/47)
Yellow: 0% (0/47)
Red: 0% (0/47)

D17|TEAK_P1 (Teakettle Priority 1 )

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 38 39 40
Flown: 0% (0/40)
Green: 0% (0/40)
Weather Forecast
Shaver Lake, CA

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<table>
<thead>
<tr>
<th>Thu 7/8</th>
<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>
</tr>
</thead>
<tbody>
<tr>
<td>88°F</td>
<td>66°F</td>
<td>91°F</td>
<td>65°F</td>
<td>92°F</td>
<td>66°F</td>
<td>93°F</td>
</tr>
</tbody>
</table>

Sunny 0 in Sunny 0 in Sunny 0 in Sunny 0 in Sunny 0 in Sunny 0 in Sunny 0 in Sunny 0 in Sunny 0 in
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source: wunderground.com

Flight Collection Plan for July 08 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: Cam, Mitch