Date: 2021-07-02
Flight Campaign ID: P1C2
Airport, FBO ID, City: Asheville Regional Airport (KAVL) - Fletcher, NC
Aircraft: N331AR

Domain: 17 (Pacific Southwest)
Sites Flown: None
Days left in Domain: 0

Report Author: Cameron Chapman
Lidar Operators: Cameron Chapman
Flight Hours: 00:00
Spectrometer Operators: None
Hours until maintenance: 39.20
Pilots: Paul Nunemann, Nick Koukoutsakis
GPS Instruments: None

Summary
Maintenance on the aircraft was completed this afternoon. We will continue the transit to D17 tomorrow.

Concerns
- wildfires burning in our SOAP flight box appear to be somewhat contained but still producing a lot of smoke. We will continue to monitor.

Comments
- None

Daily Coverage

Estimated Cloud Cover Key

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

Flight Screenshots: None

Pictures: None

Cumulative Domain Coverage

<table>
<thead>
<tr>
<th>D17 SOAP_P1 (Soaproot Saddle Priority 1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>21</td>
</tr>
</tbody>
</table>

Flown: 0% (0/37)
Green: 0% (0/37)
Yellow: 0% (0/37)
Red: 0% (0/37)
Weather Forecast
Grand Junction, CO

Flown: 0% (0/10)
Green: 0% (0/10)
Yellow: 0% (0/10)
Red: 0% (0/10)

Flown: 0% (0/12)
Green: 0% (0/12)
Yellow: 0% (0/12)
Red: 0% (0/12)

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

Flown: 0% (0/23)
Green: 0% (0/23)
Yellow: 0% (0/23)
Red: 0% (0/23)

Flown: 0% (0/19)
Green: 0% (0/19)
Yellow: 0% (0/19)
Red: 0% (0/19)

Fresno, CA

source: wunderground.com
Flight Collection Plan for July 03 - 05 2021
Transit > Cooling and Pumping
Crew: Cam

Flight Collection Plan for July 06 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: Soaproot Saddle (SOAP) – Priority 1 Flight Box – Fixed Altitude Plan
Flight Plan Name: D17_SOAP_R1_P1_P2_P3_v5_PRM
On-Station Time: 1620 – 2340 UTC / 0920 – 1640 L

Flyority 4
Collection Area: Soaproot Saddle (SOAP) – Priority 2 Flight Box – Fixed Altitude Plan
Flight Plan Name: D17_SOAP_R1_P1_P2_P3_v5_PRM
On-Station Time: 1620 – 2340 UTC / 0920 – 1640 L

Flyority 5
Collection Area: Soaproot Saddle (SOAP) – Priority 3 Flight Box – Fixed Altitude Plan
Flight Plan Name: D17_SOAP_R1_P1_P2_P3_v5.pln
On-Station Time: 1620 – 2340 UTC / 0920 – 1640 L

Flyority 6
Collection Area: Teakettle (TEAK) – Priority 1 Flight Box – Fixed Altitude Plan
Flight Plan Name: D17_TEAK_R2_P1_P2_P3_v4_PRM.xml
On-Station Time: 1620 – 2340 UTC / 0920 – 1640 L

Flyority 7
Collection Area: Teakettle (TEAK) – Priority 2 Flight Box – Fixed Altitude Plan
Flight Plan Name: D17_TEAK_R2_P1_P2_P3_v4_PRM.xml
On-Station Time: 1620 – 2340 UTC / 0920 – 1640 L

Flyority 8
Collection Area: Teakettle (TEAK) – Priority 3 Flight Box – Fixed Altitude Plan
Flight Plan Name: D17_TEAK_R2_P1_P2_P3_v4.pln
On-Station Time: 1620 – 2340 UTC / 0920 – 1640 L

Flyority 9
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