Payload 1 Daily Flight Report

Date: 2021-07-29
Flight Campaign ID: P1C2
Airport, FBO ID, City: Centennial Airport (KAPA) – Denver, CO, Hays Regional Airport (KHYS) – Hays, KS, Midwest National Air Center (KGPH) – Excelsior Springs, MO, Spirit of St. Louis Airport (KSUS) – Chesterfield, MO
Aircraft: N331AR

Domain: 00 (Transit)
Sites Flown: Transit (KAPA -> KHYS -> KGPH -> KSUS)

Report Author: Mitch Haynes
Lidar Operators: Mitch Haynes
Spectrometer Operators: Hours until maintenance: 71.60
Pilots: Justin Eddington, Nick Koukoutsakis
GPS Instruments: NA
Ground Crew: Abe Morrison

Summary
Little bit of a shorter day 2 of the transit to D02 after yesterday’s long haul to Colorado. Fought some slight head winds and ended up splitting the distance to Winchester and over nighting in St Louis. Crew expects to arrive in Winchester tomorrow afternoon to begin pumping and cooling the system.

Concerns
None

Comments
Abe Morrison confirmed hangar in Winchester, VA in good standing and prepared for our arrival.

Photos: Sunset Otter shot at Spirit of St. Louis Airport.
**Weather Forecast**

St. Louis, MO

<table>
<thead>
<tr>
<th>Date</th>
<th>High/Low</th>
<th>Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fri 7/30</td>
<td>86°/67°F</td>
<td>Mostly Cloudy</td>
</tr>
</tbody>
</table>

Winchester, VA

<table>
<thead>
<tr>
<th>Date</th>
<th>High/Low</th>
<th>Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fri 7/30</td>
<td>83°/56°F</td>
<td>Partly Cloudy</td>
</tr>
<tr>
<td>Sat 7/31</td>
<td>79°/59°F</td>
<td>Partly Cloudy</td>
</tr>
<tr>
<td>Sun 8/1</td>
<td>83°/59°F</td>
<td>Partly Cloudy</td>
</tr>
<tr>
<td>Mon 8/2</td>
<td>81°/61°F</td>
<td>Mostly Sunny</td>
</tr>
<tr>
<td>Tue 8/3</td>
<td>76°/60°F</td>
<td>Showers</td>
</tr>
<tr>
<td>Wed 8/4</td>
<td>79°/61°F</td>
<td>Mostly Cloudy</td>
</tr>
<tr>
<td>Thu 8/5</td>
<td>77°/62°F</td>
<td>Isolated Thunderstorms</td>
</tr>
</tbody>
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0.09 in

0.02 in

0.09 in

*source: wunderground.com*

**Flight Collection Plan for July 30 2021**

Continue transit to D02 – Winchester, VA

Crew: Mitch