Payload 1 Daily Flight Report

Date: 2021-07-28  
Flight Campaign ID: P1C2  
Airport, FBO ID, City: Portland-Hillsborough Airport (KHIO) – Hillsboro, OR, Magic Valley Regional Airport (KTWF) – Twin Falls, ID, Laramie Regional Airport (KLAR) – Laramie, WY, Centennial Airport (KAPA) – Denver, CO  
Aircraft: N331AR

Domain: 00 (Transit)  
Sites Flown: Transit (KHIO -> KTWF -> KLAR -> KAPA)

Report Author: Mitch Haynes  
Lidar Operators: Mitch Haynes  
Spectrometer Operators: Justin Eddington, Nick Koukoutsakis  
Pilots: Justin Eddington, Nick Koukoutsakis  
Ground Crew: Abe Morrison  
Flight Hours: 02:56, 02:53, 00:54  
Hours until maintenance: 76.48

Summary
Payload 1 departed Hillsboro this morning, starting the multiday transit to Virginia and D02. After dancing around several large thunderstorm systems, the crew eventually made it the whole way back to the Front Range of Colorado.

Concerns
None

Comments
Abe Morrison arrived in Winchester, VA ahead of the plane.

Weather Forecast

<table>
<thead>
<tr>
<th>Location</th>
<th>Thu 7/29</th>
<th>Thu 7/29</th>
<th>Fri 7/30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Denver, CO</td>
<td>97°</td>
<td>68°F</td>
<td>Mostly Sunny</td>
</tr>
<tr>
<td>St. Louis, MO</td>
<td>100°</td>
<td>73°F</td>
<td>Partly Cloudy</td>
</tr>
<tr>
<td>Winchester, VA</td>
<td>86°</td>
<td>67°F</td>
<td>Partly Cloudy</td>
</tr>
</tbody>
</table>

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<tr>
<th>Location</th>
<th>Thu 7/29</th>
<th>Fri 7/30</th>
<th>Sat 7/31</th>
</tr>
</thead>
<tbody>
<tr>
<td>St. Louis, MO</td>
<td>82°</td>
<td>54°F</td>
<td>Partly Cloudy</td>
</tr>
<tr>
<td>Winchester, VA</td>
<td>81°</td>
<td>60°F</td>
<td>Partly Cloudy</td>
</tr>
</tbody>
</table>

source: wunderground.com

Flight Collection Plan for July 29 2021
Continue transit to D02 – Winchester, VA  
Crew: Mitch