Payload 3 Daily Flight Report

Date: 2022-06-04  
Flight Campaign ID: P3C1  
Airport, FBO ID, City: Asheville Regional Airport (KAVL) - Fletcher, NC, Purdue University Airport (KLAF) - Lafayette, Indiana, Rhinelander-Oneida County Airport (KRHI) – Rhinelander, WI  
Aircraft: N70AR  

Domain: D07 – D05  
Sites Flown: Transit  
Days left in Domain: 33  

Report Author: Mike  
Lidar Operators: Mike  
Flight Hours: 02:39, 02:34  
Spectrometer Operators: None  
Hours until maintenance: 59.4  
Pilots: Nick, Robbie  
Ground Crew: John  

Summary  
Payload 3 departed D07 today to get ahead of a weather system moving through the upper Midwest. The forecast in Oak Ridge showed potential for clear skies, but high cirrus throughout the area in the morning combined with unfavorable weather after today pushed the crew to make the transit a day ahead of schedule. The system was able to be left on for the transit and the FBO was able to accommodate our early arrival.

Concerns  
None.

Comments  
- The spring round of D07 collections has concluded. AOP will return in the fall.
- Tomorrow will be a crew swap and mission prep day with Elissa arriving and Pilots Robbie swapping with Brent.

Photos  

The pilots took advantage of a VFR corridor through Chicago airspace, which took us along Lake Michigan.
Weather Forecast
Rhineland, WI

<table>
<thead>
<tr>
<th>Date</th>
<th>High</th>
<th>Low</th>
<th>Conditions</th>
<th>Precipitation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sun 6/5</td>
<td>69°</td>
<td>51°F</td>
<td>Mostly Cloudy</td>
<td>0.27 in</td>
</tr>
<tr>
<td>Mon 6/6</td>
<td>63°</td>
<td>45°F</td>
<td>AM Showers</td>
<td>0.07 in</td>
</tr>
<tr>
<td>Tue 6/7</td>
<td>71°</td>
<td>49°F</td>
<td>Partly Cloudy</td>
<td>0 in</td>
</tr>
<tr>
<td>Wed 6/8</td>
<td>67°</td>
<td>48°F</td>
<td>Showers</td>
<td>0.09 in</td>
</tr>
<tr>
<td>Thu 6/9</td>
<td>72°</td>
<td>47°F</td>
<td>Partly Cloudy</td>
<td>0 in</td>
</tr>
<tr>
<td>Fri 6/10</td>
<td>71°</td>
<td>48°F</td>
<td>Partly Cloudy</td>
<td>0 in</td>
</tr>
<tr>
<td>Sat 6/11</td>
<td>70°</td>
<td>50°F</td>
<td>Partly Cloudy</td>
<td>0 in</td>
</tr>
</tbody>
</table>

source: wunderground.com

Flight Collection Plan for 5 June 2022

No flights planned: crew swap and mission prep day.

Crew: Mike and Elissa