Date: 2024-04-27
Flight Campaign ID: P3C1
Airport, FBO ID, City: Denton Enterprise Airport (KDTO) - Denton, TX, Key Field (KMEI) - Meridian, MS Ocala International Airport (KOCF) – Ocala, FL
Aircraft: N821AR

Domain: 00 (Training & Calibration)
Sites Flown: Transit ()

Report Author: Cameron
Lidar Operators: Cameron  Flight Hours: 03:05:00, 02:53:00
Spectrometer Operators: Hours until maintenance: 89.23
Pilots: Justin, Manning
Ground Crew: Mitch

Summary
We completed the transit to Ocala, FL today which will function as our base of operation for D03.

Concerns
- None

Comments
- Since we arrived a day earlier than expected, our hangar space isn’t available. It will however be ready tomorrow afternoon. Thus, we will start the pumping and cooling process at that time.
- We will build another power adapter for OCF to give the FBO more hangar flexibility for our payload.

Daily Coverage

Estimated Cloud Cover Key

| Green: 0-10% | Yellow: 11-50% | Red: >50% |

Solar Angle Less Than 40 degrees

| Line # |
Top: We spent much of the day high above the clouds after departing Denton, TX.
Bottom: Flying the Florida coastline Southeast of Tallahassee.
Weather Forecast

Newton, GA (JERC)

<table>
<thead>
<tr>
<th>Date</th>
<th>Weather</th>
<th>High</th>
<th>Low</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sun 4/28</td>
<td>Partly Cloudy</td>
<td>84°</td>
<td>61°F</td>
</tr>
<tr>
<td>Mon 4/29</td>
<td>Mostly Sunny</td>
<td>86°</td>
<td>62°F</td>
</tr>
<tr>
<td>Tue 4/30</td>
<td>Partly Cloudy</td>
<td>88°</td>
<td>65°F</td>
</tr>
<tr>
<td>Wed 5/1</td>
<td>Mostly Sunny</td>
<td>89°</td>
<td>64°F</td>
</tr>
<tr>
<td>Thu 5/2</td>
<td>Partly Cloudy</td>
<td>90°</td>
<td>66°F</td>
</tr>
<tr>
<td>Fri 5/3</td>
<td>Mostly Sunny</td>
<td>89°</td>
<td>67°F</td>
</tr>
<tr>
<td>Sat 5/4</td>
<td>Partly Cloudy</td>
<td>89°</td>
<td>66°F</td>
</tr>
</tbody>
</table>

Cloud Cover (%) | Chance of Precip. (%)

source: wunderground.com

Flight Collection Plan for April 28 -29 2024

Pumping and cooling

Crew: Mitch, Cam