Date: 2022-07-29
Flight Campaign ID: P3C1
Airport, FBO ID, City: Bismarck, ND (KBIS) > Sioux Falls, SD (KFSD) > Rochelle, IL (KRPJ) > Mansfield, OH (KMFQ)
Aircraft: N70AR

Domain: Transiting to D01
Sites Flown: FLARE Project
Days left in Domain: n/a

Report Author: John
Lidar Operators: John
Spectrometer Operators: n/a
Pilots: Brent, Justin

Flight Hours: 2.6, 2.5, 2.1
Hours until maintenance: 84.9
GPS Instruments: SDHU, SDWE, MNHD, SFSD, BSMK, NDAS

Summary
Completed the FLARE collection on the first leg, then continued transition to D01.

Concerns
None.

Comments
NIS was turned off after the FLARE collection. Crew was able to manually collect over the FLARE site.

Screen Shots

NIS Screenshot
Weather Forecast
Gardiner, MA

<table>
<thead>
<tr>
<th></th>
<th>Sat 7/30</th>
<th>Sun 7/31</th>
<th>Mon 8/1</th>
<th>Tue 8/2</th>
<th>Wed 8/3</th>
<th>Thu 8/4</th>
<th>Fri 8/5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temp</td>
<td>81°F</td>
<td>84°F</td>
<td>85°F</td>
<td>86°F</td>
<td>86°F</td>
<td>94°F</td>
<td>91°F</td>
</tr>
<tr>
<td>Cond</td>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Sunny</td>
<td>Partly Cloudy</td>
<td>PM Thunderstorms</td>
</tr>
<tr>
<td>Precip</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0.06 in</td>
</tr>
</tbody>
</table>

Bartlett, NH

<table>
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<tr>
<th></th>
<th>Sat 7/30</th>
<th>Sun 7/31</th>
<th>Mon 8/1</th>
<th>Tue 8/2</th>
<th>Wed 8/3</th>
<th>Thu 8/4</th>
<th>Fri 8/5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temp</td>
<td>77°F</td>
<td>84°F</td>
<td>86°F</td>
<td>83°F</td>
<td>83°F</td>
<td>91°F</td>
<td>87°F</td>
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<tr>
<td>Cond</td>
<td>Partly Cloudy/Wind</td>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
<td>Scattered Thunderstorms</td>
<td>Mostly Sunny</td>
<td>Partly Cloudy</td>
<td>Isolated Thunderstorms</td>
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<tr>
<td>Precip</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0.06 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0.12 in</td>
</tr>
</tbody>
</table>

source: wunderground.com

Flight Collection Plan for July 30th 2022
Continue transit towards D01.

Crew: John