Date: 2022-07-31
Flight Campaign ID: P3C1
Airport, FBO ID, City: Nashua Airport (KASH) - Nashua, NH
Aircraft: N70AR

Domain: 01 (Northeast)
Sites Flown: None
Days left in Domain: 26

Report Author: Mitch
Lidar Operators: Mitch
Flight Hours: 00:00
Spectrometer Operators: John
Hours until maintenance: 81.27
Pilots: Justin, Magnus

Summary
After some rearranging and shuffling of planes in the Nashua Hangar this morning, crew was able to commence pumping and cooling of system.

Concerns
None

Comments
None

Cumulative Domain Coverage

D01|BART (Bartlett Experimental Forest)

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Flown: 0% (0/36)
Green: 0% (0/36)
Yellow: 0% (0/36)
Red: 0% (0/36)

D01|HARV_P1 (Harvard Forest Priority 1)

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Flown: 0% (0/29)
Green: 0% (0/29)
Yellow: 0% (0/29)
Red: 0% (0/29)

D01|HARV_P2 (Harvard Forest Priority 2)

| 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 |

Flown: 0% (0/8)
Green: 0% (0/8)
Yellow: 0% (0/8)
Red: 0% (0/8)
D01|HOPB (Hop Brook)

Flown: 0% (0/10)
Green: 0% (0/10)
Yellow: 0% (0/10)
Red: 0% (0/10)

D01|R01A (FLARE Radiometric Calibration Flight Plan - New Hampshire)

Flown: 100% (0/2)
Green: 0% (0/2)
Yellow: 0% (0/2)
Red: 0% (0/2)

Weather Forecast

Petersham, MA (HARV)

<table>
<thead>
<tr>
<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>
<th>Sat 8/6</th>
<th>Sun 8/7</th>
</tr>
</thead>
<tbody>
<tr>
<td>70°</td>
<td>65°F</td>
<td>84°</td>
<td>59°F</td>
<td>86°</td>
<td>64°F</td>
<td>94°</td>
</tr>
</tbody>
</table>

Partly Cloudy | Partly Cloudy | Sunny | Mostly Sunny | Scattered | Isolated | Scattered |

Cloud Cover (%):

- 0 in

Chance of Precip. (%): 0 in

Bartlett, NH (BART)

<table>
<thead>
<tr>
<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>
<th>Sat 8/6</th>
<th>Sun 8/7</th>
</tr>
</thead>
<tbody>
<tr>
<td>84°</td>
<td>63°F</td>
<td>83°</td>
<td>59°F</td>
<td>84°</td>
<td>63°F</td>
<td>93°</td>
</tr>
</tbody>
</table>

Mostly Sunny | Partly Cloudy/Wind | Mostly Sunny | Isolated | Scattered | AM Clouds/PM | PM |

Cloud Cover (%):

- 0 in

Chance of Precip. (%): 0 in

Flight Collection Plan for 01 August 2022

Flyority 1:
Collection Area: Harvard Forest – Priority 1 (HARV_P1)
Flight Plan Name: D01_HARV_C1_P1_v3_Q780
On-station Time: 1330 UTC / 0930 L
Flyority 2:
Collection Area: Bartlett Experimental Forest (BART)
Flight Plan Name: D01_BART_R1_P1_v1_Q780
On-station Time: 1330 UTC / 0930 L

Flyority 3:
Collection Area: Hop Brook (HOPB)
Flight Plan Name: D01_HOPB_A1_P1_v1_Q780
On-station Time: 1330 UTC / 0930 L

Flyority 4:
Collection Area: Harvard Forest – Priority 2 (HARV_P2)
Flight Plan Name: D01_HARV_C1_P2_v3_Q780
On-station Time: 1330 UTC / 0930 L

Flyority 5:
Collection Area: FLARE Radiometric Calibration Flight Plan – New Hampshire
Flight Plan Name: D01_R01A_FLARE_1000m_v2_Q780
On-station Time: 1330 UTC / 0930 L

Crew: John, Mitch