Flight Campaign ID: 2017_P1C1
FBO ID & City: Nashua (KASH) - Nashua, NH
Domain: 01
Sites Flown: none
Days left in Domain: 4
Flight Hours: 00:30
Hours until maintenance: 22.48

Date: 2017-08-20
Report Author: David Gambino
Pilots: Justin Eddington, Randy Schneider
Flight Crew: David Gambino, Ivana Vu
Ground/GPS: Cameron Chapman
Additional Personnel:

GPS Instruments:
n/a

Summary: Weather reports in vicinity of HARV were promising this morning, but a co-altitude layer moved in quickly over the area and prevented collection.

Issues/Concerns:
- Continuing to trigger camera manually to avoid image corruption

Comments:
- There will be no flights tomorrow due to the solar eclipse
Pictures:

~4k feet layer over collection areas
### Weather Forecast

**Petersham, MA**

<table>
<thead>
<tr>
<th>Mon 08/21</th>
<th>Tue 08/22</th>
<th>Wed 08/23</th>
<th>Thu 08/24</th>
<th>Fri 08/25</th>
</tr>
</thead>
<tbody>
<tr>
<td>83°</td>
<td>64°</td>
<td>85°</td>
<td>67°</td>
<td>77°</td>
</tr>
<tr>
<td>Clear</td>
<td>Partly Cloudy</td>
<td>Chance of a Thunderstorm</td>
<td>Clear</td>
<td>Clear</td>
</tr>
</tbody>
</table>

### Bartlett, NH

<table>
<thead>
<tr>
<th>Mon 08/21</th>
<th>Tue 08/22</th>
<th>Wed 08/23</th>
<th>Thu 08/24</th>
<th>Fri 08/25</th>
</tr>
</thead>
<tbody>
<tr>
<td>84°</td>
<td>66°</td>
<td>86°</td>
<td>68°</td>
<td>78°</td>
</tr>
<tr>
<td>Clear</td>
<td>Partly Cloudy</td>
<td>Chance of Rain</td>
<td>Partly Cloudy</td>
<td>Clear</td>
</tr>
</tbody>
</table>

Legend:
- **Cloud Cover (%)**
- **Chance of Precip. (%)**
Flight Collection Plan for 21 August 2017:

No flight activities planned due to solar eclipse

Flight Collection Plan for 22 August 2017:

Flyority 1: Collection Area: Harvard Forest (HARV) – Only If green
Flight Plan Name: D01_HARV_C1_P1_v1.pln
On Station: 9:40 Local/ 13:40 UTC

Flyority 2: Collection Area: Bartlett Experimental Forest (BART) – If green (1-36), else (1-16 & 34-36)
Flight Plan Name: D01_BART_R1_P1_v1.pln
On Station: 9:40 Local/ 13:40 UTC

Flyority 3: Collection Area: Hop Brook (HOPB)
Flight Plan Name: D01_HOPB_C1_P2_v1.pln
On Station: 9:40 Local/ 13:40 UTC

Crew:
Lidar: Ivana Vu
NIS: David Gambino
Ground / GPS: Cameron Chapman