**Flight Campaign ID:** 2017_P1C1  
**FBO ID & City:** Asheville Regional Airport (KAVL) - Asheville, NC  
**Domain:** 07  
**Sites Flown:** None  
**Days left in Domain:** 4  
**Flight Hours:** 00:00  
**Hours until maintenance:** 47.58  
**Date:** 2017-10-22  
**Report Author:** Ivana Vu  
**Pilots:** Justin Eddington, Stephen Brawder  
**Flight Crew:** Ivana Vu, Abe Morrison  
**Ground/GPS:** Cameron Chapman  
**Additional Personnel:** None

**GPS Instruments:** None

**Summary:**
Despite promising forecasts, low clouds over the Smokies prevented flights today.

**Issues/Concerns:**
- Several lines from Flight 2017101914 may need to be re-flown due to dropped satellite/IMU gap issues that occurred in the middle of the flight. Thanks Bridget, Tristan and Kurt for investigating!
- Ongoing camera banding issue
- AXE should be inspected after flight season to reinforce loose connections

**Comments:** None
Weather Forecast
Gatlinburg, TN

<table>
<thead>
<tr>
<th>Date</th>
<th>Temperature</th>
<th>Weather Condition</th>
<th>Precipitation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sun 10/22</td>
<td>76°</td>
<td>61° F</td>
<td>Sunny</td>
</tr>
<tr>
<td>Mon 10/23</td>
<td>65°</td>
<td>45° F</td>
<td>Rain</td>
</tr>
<tr>
<td>Tue 10/24</td>
<td>59°</td>
<td>35° F</td>
<td>Mostly Sunny</td>
</tr>
<tr>
<td>Wed 10/25</td>
<td>52°</td>
<td>33° F</td>
<td>Mostly Cloudy</td>
</tr>
<tr>
<td>Thu 10/26</td>
<td>63°</td>
<td>40° F</td>
<td>Sunny</td>
</tr>
<tr>
<td>Fri 10/27</td>
<td>71°</td>
<td>44° F</td>
<td>Sunny</td>
</tr>
</tbody>
</table>

Flight Collection Plan for October 23rd 2017:

Flyority 1
Collection Area: Great Smoky Mountains National Park (GRSM) Priority 2 Flight Plan
Flight Plan Name: D07_GRSM_R1_P2_v1_650AGLmaxB.pln
Lines: 1-28
On Station Time: 1040 Local / 1440 UTC (30°)

Crew
Lidar: Abe Morrison, NIS: Ivana Vu, Ground/GPS: Cameron Chapman

Flight Collection Plan for October 24th 2017:

Flyority 1
Collection Area: Great Smoky Mountains National Park (GRSM) Priority 2 Flight Plan
Flight Plan Name: D07_GRSM_R1_P2_v1_650AGLmaxB.pln
Lines: 1-28
On Station Time: 1040 Local / 1440 UTC (30°)

Crew
Lidar: Ivana Vu, NIS: Abe Morrison, Ground/GPS: Cameron Chapman