Flight Campaign ID: 2017_P1C1
FBO ID & City: Asheville Regional Airport (KAVL) – Asheville, NC
Domain: 07
Sites Flown: GRSM, N07A
Days left in Domain: 21
Flight Hours: 03:15
Hours until maintenance: 65.78
Date: 2017-10-05
Report Author: Ivana Vu
Pilots: Grant Frost, Ben Wooten
Flight Crew: Abe Morrison, Ivana Vu
Ground/GPS: None
Additional Personnel: None

Summary:
Low clouds over Great Smoky Mountains National Park (GRSM_P1) eventually dissipated and allowed for green data collection until the end of the allowable solar angle. Crew completed airshed priority lines at GRSM as well as the nominal runway calibration.

Issues/Concerns:
Camera manually triggered due to ongoing banding issue

Comments:
- Completed lines 51-66 at GRSM_P1 (Green: <10% cloud cover)
- Completed N07A
- Heather Rogers arrived in D07 and David Gambino departed D03
The extremely old Smoky Mountains
Left: Burn scars from the 2016 fire surround Gatlinburg
Below: High winds had caused the fire to jump ridges
Weather Forecast
Gatlinburg, TN

<table>
<thead>
<tr>
<th>Thu 10/5</th>
<th>Fri 10/6</th>
<th>Sat 10/7</th>
<th>Sun 10/8</th>
<th>Mon 10/9</th>
<th>Tue 10/10</th>
</tr>
</thead>
<tbody>
<tr>
<td>-5 ° C</td>
<td>68 ° F</td>
<td>85 ° F</td>
<td>79 ° F</td>
<td>82 ° F</td>
<td>83 ° F</td>
</tr>
<tr>
<td>Mostly Clear</td>
<td>Mostly Sunny</td>
<td>Partly Cloudy</td>
<td>Rain/Thunder</td>
<td>Thundershowers</td>
<td>Scattered Thunderstorms</td>
</tr>
<tr>
<td>0 in</td>
<td>0 in</td>
<td>0.37 in</td>
<td>0.62 in</td>
<td>0.62 in</td>
<td>0.48 in</td>
</tr>
</tbody>
</table>

Flight Collection Plan for October 6th 2017:
Flyority 1
Collection Area: Great Smoky Mountains National Park (GRSM) Priority 1 Flight Plan, Lines 1-50 & 67-105
Flight Plan Name: D07_GRSM_R1_P1_v1_650AGLmaxB.pln
On Station Time: 1130 Local / 1530 UTC
Flyority 2
Collection Area: Great Smoky Mountains National Park (GRSM) Priority 2 Flight Plan
Flight Plan Name: D07_GRSM_R1_P2_v1_650AGLmaxB.pln
On Station Time: 1130 Local / 1530 UTC
Crew
Lidar: Abe Morrison, NIS: Heather Rogers, Ground/GPS: Ivana Vu

Flight Collection Plan for October 7th 2017:
Crew
Lidar: Heather Rogers, NIS: Ivana Vu, Ground/GPS: Abe Morrison