Date: 2022-09-13  
Flight Campaign ID: P1C1  
Airport, FBO ID, City: Olive Branch Airport (KOLV) - Olive Branch, MS / Asheville Regional Airport (KAVL) - Asheville, NC  
Aircraft: N331AR

Domain: 00,07 (Transit)  
Sites Flown: Transit ()  
Days left in Domain: 28

Report Author: Cameron  
Lidar Operators: Cameron  
Flight Hours: 02:32  
Spectrometer Operators: N/A  
Hours until maintenance: 114.97  
Pilots: Magnus, Steven  
Ground Crew: Mike

Summary
The crew completed the transit to D07 this afternoon. We began the pumping process and should be ready to start cooling late tonight. We are on track to begin data collection Thursday evening or Friday morning.

Concerns
- None

Comments
- We are in coordination with the AOP lab and Optech to update the digitizer’s firmware tomorrow.

Daily Coverage
Estimated Cloud Cover Key

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Picture:
The Otter arriving in D7.
Cumulative Domain Coverage

**D07|GRSM_P1 (Great Smoky Mountains National Park Priority 1)**

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**D07|GRSM_P2 (Great Smoky Mountains National Park Priority 2)**

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**D07|MLBS (Mountain Lake Biological Station)**

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**D07|N07A (D07 Nominal Runway)**

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**Weather Forecast**

Gatlinburg, TN (GRSM)

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<th>Fri 9/16</th>
<th>Sat 9/17</th>
<th>Sun 9/18</th>
<th>Mon 9/19</th>
<th>Tue 9/20</th>
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No significant changes in weather forecast.
Flight Collection Plan for 14-15 September 2022

Payload pumping and cooling.

Flight Collection Plan for 16 September 2022

Flyority 1
Collection Area: Great Smokey Mountains National Park (GRSM) – Priority 1 Flight Box – Variable Altitude Plan
Flight Plan Name: D07_GRSM_R1_P1_P2_v5_PRM_Var_Alt.xml
40° On-station Time: 14:50 UTC / 10:50L

Flyority 2
Collection Area: Great Smokey Mountains National Park (GRSM) – Priority 2 Flight Box – Variable Altitude Plan
Flight Plan Name: D07_GRSM_R1_P1_P2_v5_PRM_Var_Alt.xml
40° On-station Time: 14:50 UTC / 10:50L

Flyority 3
Collection Area: Mountain Lake Biological Station (MLBS)
Flight Plan Name: D07_MLBS_R1_P1_v6_PRM.xml
40° On-station Time: 14:40 UTC /10:40L

Flyority 4
Collection Area: Nominal Runway – D07
Flight Plan Name: D07_N07A_Nominal_Runway_Test_v2_PRM.xml
40° On-station Time: N/A