Date: 2018-05-17
Flight Campaign ID: 2018_P3C1
Airport, FBO ID, City: Asheville Regional Airport (KAVL) - Fletcher, NC

Domain: 07
Sites Flown: None
Days left in Domain: 30

Report Author: Cameron Chapman
Flight Crew: Cameron Chapman, Abe Morrison
Flight Hours: 00:00
Ground/GPS: Ivana Vu, John Adler
Hours until maintenance: 125.00
Pilots: Mike Francis, Paul Muth
Additional Personnel: none
GPS Instruments: 09 - FBO_KAVL, 07- AOP_MLBS, C-TN16, TDOT-TN1A

Summary: Aircraft maintenance was completed today and the payload is currently pumping down. When the chamber reaches the correct pressure, we will begin the cooling process. Additionally, the camera was re-integrated into the payload and tested for functionally. Tomorrow is a scheduled crew rotation day and no flight activity is planned.

Concerns: None.

Comments:
- The camera was re-integrated
- John and Ivana will rotate out tomorrow – Robb and Abe in
- Flight Patches arrived! 😊
- Abe will deploy a GPS at GRSM tomorrow

Flight Screenshots: None

Pictures: None

Daily Coverage: n/a

Cumulative Domain Coverage

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Yellow: 0% (0/106)
Red: 0% (0/106)
### GRSM_P2

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- Green: 0% (0/68)
- Yellow: 0% (0/68)
- Red: 0% (0/68)

### MLBS

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- Flown: 0% (0/34)
- Green: 0% (0/34)
- Yellow: 0% (0/34)
- Red: 0% (0/34)

### ORNL

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- Flown: 0% (0/61)
- Green: 25% (15/61)
- Yellow: 61% (37/61)
- Red: 18% (11/61)
Weather Forecast:

Asheville, NC (GRSM)

Oak Ridge, TN (ORNL)

Blacksburg, VA (MLBS)
Flight Collection Plan for 18 May 2018
Crew Rotation Day

Flight Collection Plan for 19 May 2018:

Flyority 1:
Collection Area: Oak Ridge National Laboratory (ORNL) if Green conditions.
Flight Plan Name: D07_ORNL_C1_P1_v10_east_Q780 / D07_ORNL_C1_P1_v10_west_Q780
On-station Time: 1400 UTC / 1000 L
Crew: Cameron Chapman (lidar), Robb Walker (nis), Abe Morrison (ground)

Flyority 2:
Collection Area: Great Smoky Mountains National Park – Priority 1 Flight Box (GRSM_P1)
Flight Plan Name: D07_GRSM_R2_P1_v2_Q780
On-station Time: 1400 UTC / 1000 L

Flyority 3:
Collection Area: Great Smoky Mountains National Park – Priority 2 Flight Box (GRSM_P2)
Flight Plan Name: D07_GRSM_R2_P2_v2_east_Q780 / D07_GRSM_R2_P2_v2_west_Q780
On-station Time: 1400 UTC / 1000 L

Starting 25 May 2018
Flyority 1:
Collection Area: Mountain Lake Biological Station (MLBS)
Flight Plan Name: D07_MLBS_R1_P1_v6_Q780
On-station Time: 1340 UTC / 0940 L