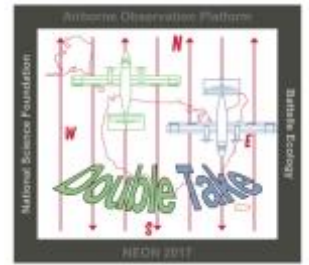




2017_P1C1 Daily Report



Flight Campaign ID: 2017_P1C1

FBO ID & City: Asheville Regional Airport (KAVL) - Asheville, NC

Domain: 07

Sites Flown: None

Days left in Domain: 8

Flight Hours: 00:00

Hours until maintenance: 56.40

Date: 2017-10-18

Report Author: Cameron Chapman

Pilots: Stephen Brawder, Justin Eddington

Flight Crew: Mitch Haynes, Cameron Chapman

Ground/GPS: Heather Rogers

Additional Personnel:

GPS Instruments:

03 - GRSM, 11 - FBO-KAVL

Summary:

The flight crew decided to hold off on flights today due to high clouds visible over the GRSM flight box (corroborated by webcams and on site personnel) which would have precluded the chance for a green data collect during our sun angle.

Issues/Concerns:

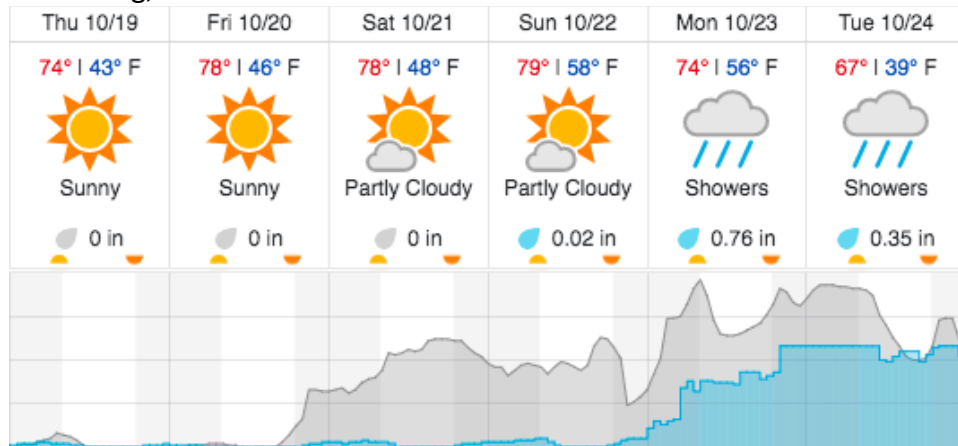
- Ongoing camera banding issue
- Axe should be inspected after flight season to reinforce loose connections

Comments:

- Battery was swapped out from GPS 3 at GRSM
- Updated solar angle times have been provided. Flight crew remains confident that the rest of the priority 1 flight box (lines 72-105) can be collected under nominal green conditions within the original 40° solar angle. Updated 35° and 30° solar angles will only be used should the crew feel the priority 2 box cannot be completed under green conditions within the 40° restraint.

Weather Forecast

Gatlinburg, TN



Flight Collection Plan for October 19th 2017:

Flyority 1

Collection Area: Great Smoky Mountains National Park (GRSM) Priority 1 Flight Plan, Lines 14-23, 30-33 & 67-105

Flight Plan Name: D07_GRSM_R1_P1_v1_650AGLmaxB.pln

On Station Time: 1140 Local / 1540 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: 1140 Local / 1540 UTC

Crew

Lidar: Mitch Haynes, NIS: Heather Rogers, Ground/GPS: Cameron Chapman

Flight Collection Plan for October 20th 2017:

Flyority 1

Collection Area: Great Smoky Mountains National Park (GRSM) Priority 1 Flight Plan, -105

Flight Plan Name: D07_GRSM_R1_P1_v1_650AGLmaxB.pln

On Station Time: 1140 Local / 1540 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: 1140 Local / 1540 UTC

Crew

Lidar: Heather Rogers, NIS: Cameron Chapman, Ground/GPS: Mitch Haynes