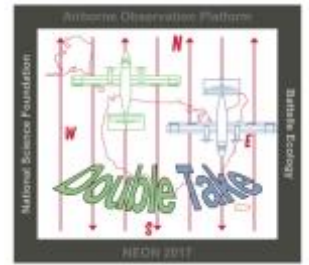




## 2017\_P1C1 Daily Report



**Flight Campaign ID:** 2017\_P1C1

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

**Domain:** 07

**Sites Flown:** GRSM

**Days left in Domain:** 7

**Flight Hours:** 04:31

**Hours until maintenance:** 51.88

**Date:** 2017-10-19

**Report Author:** Mitch Haynes

**Pilots:** Justin Eddington, Stephen Brawder

**Flight Crew:** Mitch Haynes, Heather Rogers

**Ground/GPS:**

**Additional Personnel:**

### **GPS Instruments:**

03 - GRSM, 11 - FBO-KAVL

### **Summary:**

Clear skies over the Smokies allowed the flight team to collect lines 72-97 of the GRSM Priority 1 flight box under nominal green conditions within 40° sun angle. The team also completed lines 58-68 of the GRSM Priority 2 flight box green conditions within the 30-40° sun angles.

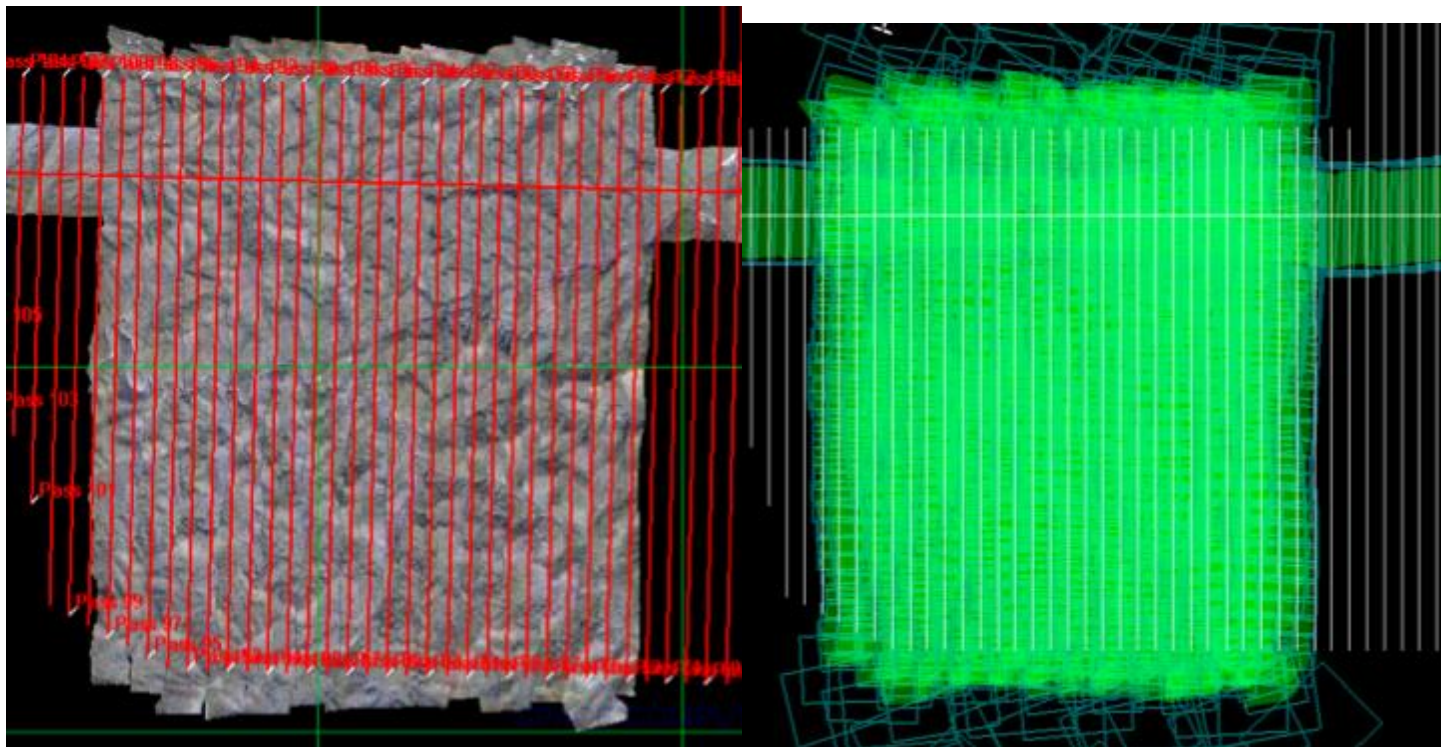
### **Issues/Concerns:**

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

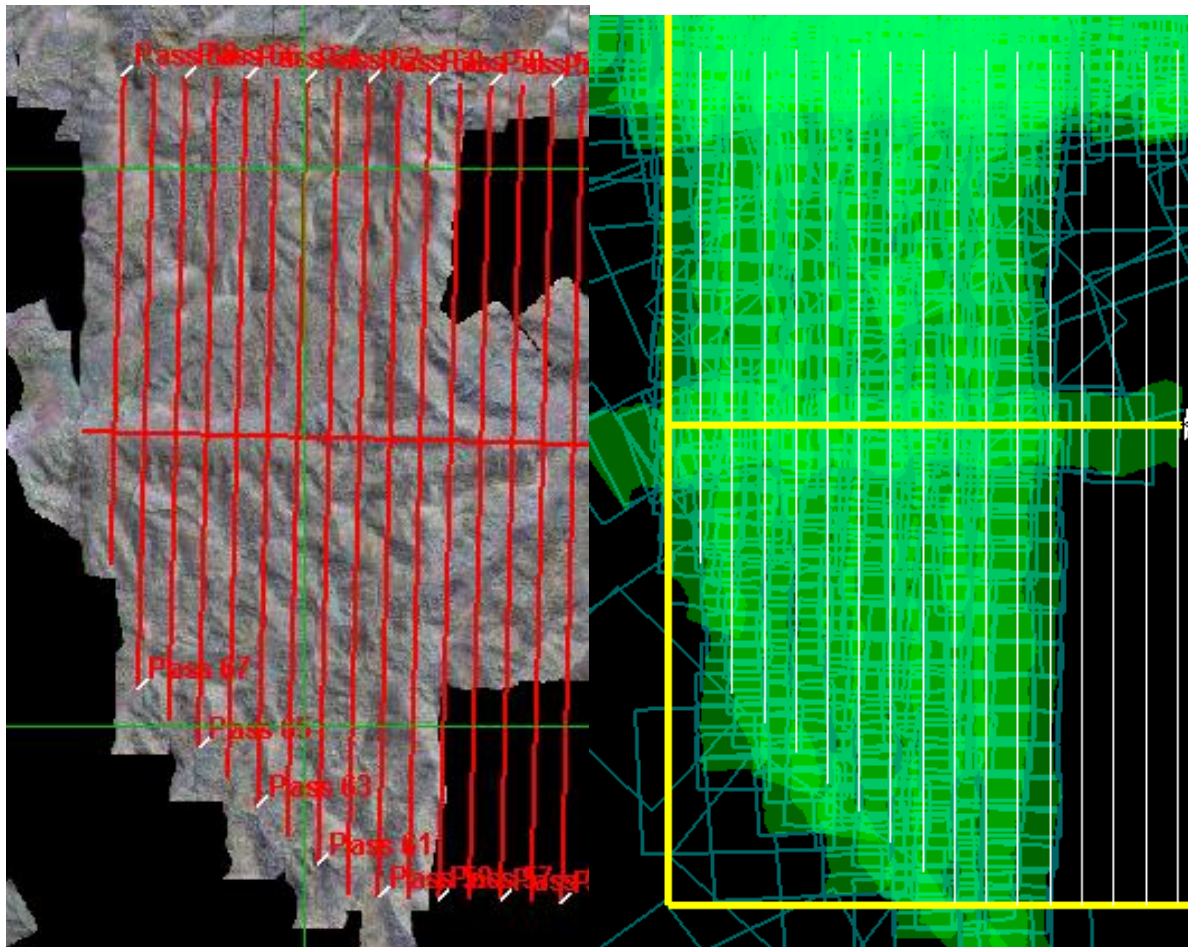
### **Comments:**

- RAID 2017\_P1C1\_24 was shipped to the Denver Data Center

## NIS/Lidar Screenshot



**Above:** GRSM Priority 1 lines **Below:** GRSM Priority 2 lines



Domain Coverage

D07 GRSM	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	32							NLC
	58							NLC
	59							NLC
	60							NLC
	61							NLC
	62							NLC
	63							NLC
	64							NLC
	65							NLC
	66							NLC
	67							NLC
	68							NLC
	72							NLC
	73							NLC
	74							NLC
	75							NLC
	76							NLC
	77							NLC
	78							NLC
	79							NLC
	80							NLC
	81							NLC
	82							NLC
	83							NLC
	84							NLC
	85							NLC
	86							NLC
	87							NLC
	88							NLC
	89							NLC
	90							NLC
	91							NLC
	92							NLC
	93							NLC
	94							NLC
	95							NLC
	96							NLC
	97							NLC
	106							NLC
Completed:	(39/39)							37.50%

**Pictures:** Courtesy of Heather Rogers

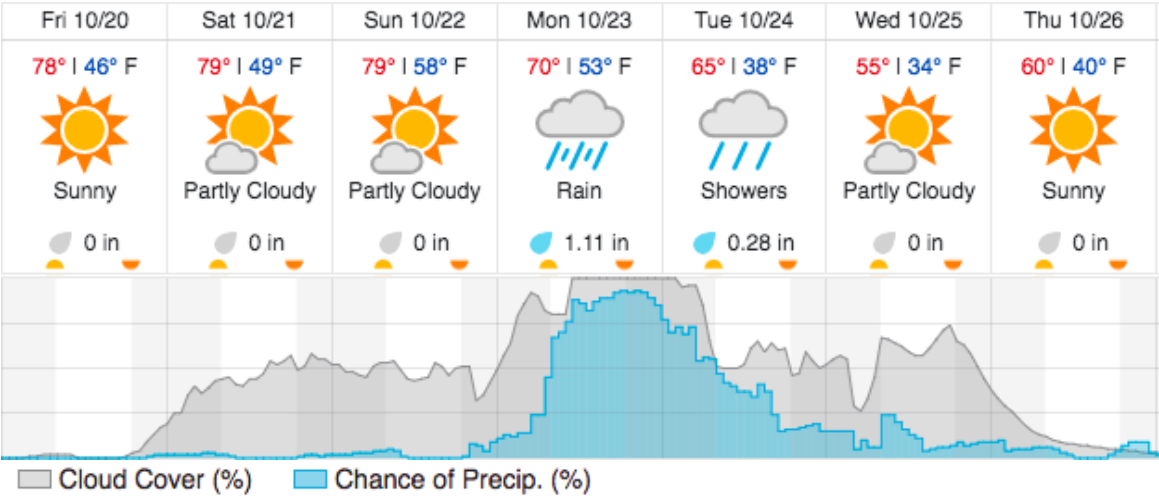


**Above:** Sky conditions (CLEAR!) above GRSM. **Below:** Another view of the fire scar from last November/December.



**Weather Forecast**

Gatlinburg, TN



**Flight Collection Plan for October 20th 2017:**

**Flyority 1**

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

Flight Plan Name: D07\_GRSM\_R1\_P1\_v1\_650AGLmaxB.pln

Lines: 98-105

On Station Time: 1200 Local / 1600 UTC (40°)

**Flyority 2**

Collection Area: Great Smoky Mountains National Park (GRSM) Priority 2 Flight Plan

Flight Plan Name: D07\_GRSM\_R1\_P2\_v1\_650AGLmaxB.pln

Lines: 1-57

On Station Time: 1040 Local / 1440 UTC (30°)

**Crew**

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

**Flight Collection Plan for October 21th 2017:**

**Crew Rotation Day – No Flights Scheduled**

Out: Heather Rogers & Mitch Haynes

In: Abe Morrison & Ivana Vu