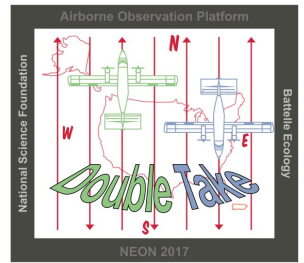




## 2017 P1C1 Daily Report



**Flight Campaign ID:** 2017\_P1C1

**FBO ID & City:** Kissimmee (KISM) - Kissimmee, FL

**Domain:** 03

**Sites Flown:** OSBS, DSNY

**Days left in Domain:** 8

**Flight Hours:** 04:42

**Hours until maintenance:** 80.08

**Date:** 2017-09-26

**Report Author:** Cameron Chapman

**Pilots:** Ben Wooten, Grant Frost

**Flight Crew:** Cameron Chapman, David Gambino

**Ground/GPS:** Mitch Haynes

**Additional Personnel:**

### **GPS Instruments:**

05 - OSBS, 01 - FBO - KISM, 09 - DSNY

### **Summary:**

The forecast again appeared promising for collections to occur over OSBS however upon arriving on site a small layer of building cumulus clouds was observed directly over the collection box, which made acquisition difficult. We attempted to collect however we experienced several eye-safe laser shutoffs due to the clouds. The decision was made to transit to the DSNY site. We were able to collect lines 14-31 and line 1 (cross-strip) in mixed yellow/red conditions.

### **Issues/Concerns:**

- Ongoing camera banding issue.

### **Comments:**

- Completed lines 14-31 / Complete coverage of Airshed
- Doug Cavender and Eben deployed a drone over OSBS

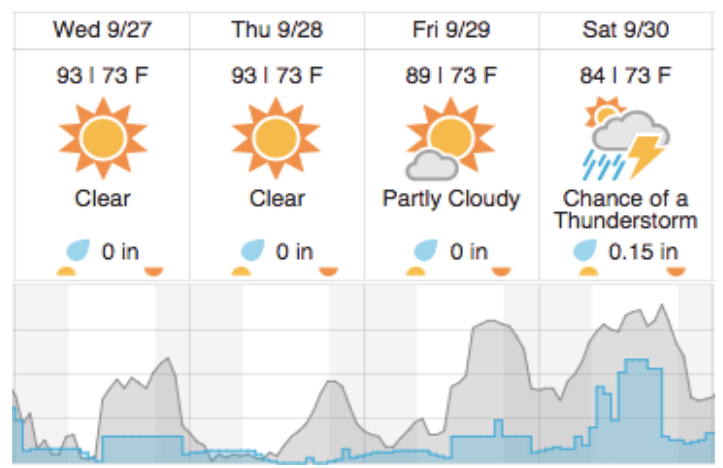
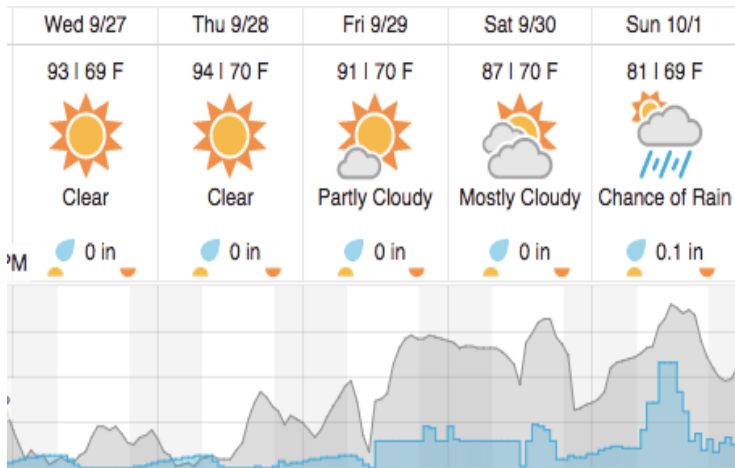
**2017092613 flight coverage: DSNY & OSBS**

D03   DSNY	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	14							NLC
	15							NLC
	16							NLC
	17							NLC
	18							NLC
	19							NLC
	20							NLC
	21							NLC
	22							NLC
	23							NLC
	24							NLC
	25							NLC
	26							NLC
	27							NLC
	28							NLC
	29							NLC
	30							NLC
	31							NLC
Completed:	(0/18)							0.00%
D03   OSBS	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	11				X			LC
Completed:	(0/1)							0.00%

**Weather Forecast**

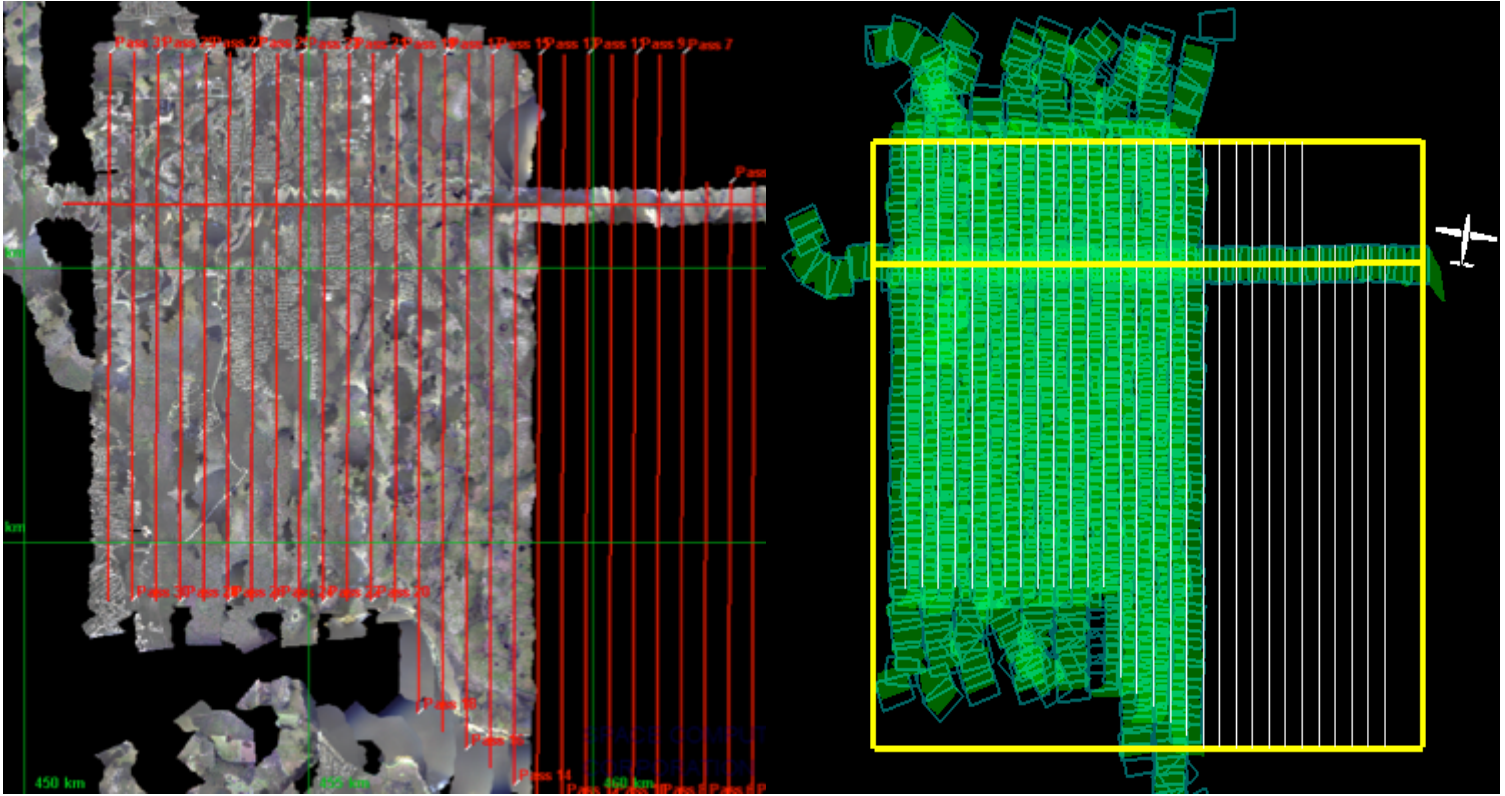
Gainesville, FL (OSBS)

Kissimmee FL (DSNY)



☐ Cloud Cover (%)    ☐ Chance of Precip. (%)

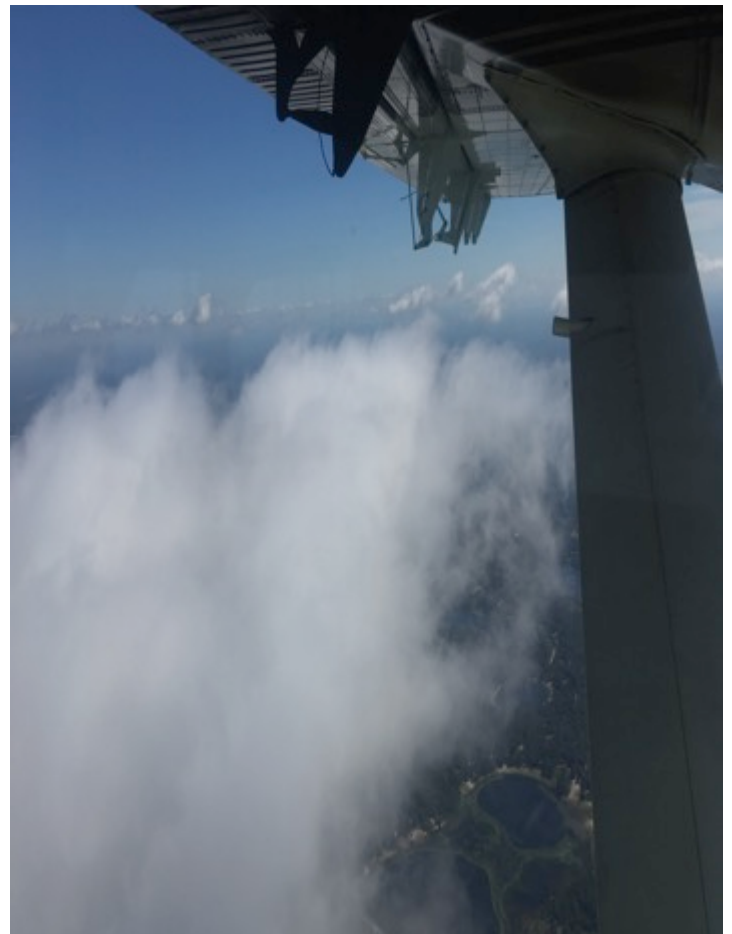
## DSNY NIS/Lidar Screenshot



## Pictures: Below

(R) David Gambino evaluates the sky conditions at OSBS

(L) Clouds building over OSBS





Doug C and Eben at OSBS With Drone



## **Flight Collection Plan for September 27<sup>th</sup> 2017**

### **Flyority 1**

Collection Area: Ordway-Swisher Biological Station (OSBS) Priority 1 Flight Plan  
Flight Plan Name: D03\_OSBS\_C1\_P1\_v2B.pln  
On Station Time: 1030 Local / 1430 UTC

### **Flyority 2**

Collection Area: Disney Wilderness Preserve (DSNY) Lines 1-13 (*If Green 1-31*)  
Flight Plan Name: D03\_DSNY\_R1\_P1\_v2B.pln  
On Station Time: 1030 Local / 1430 UTC

### **Flyority 3**

Collection Area: Ordway-Swisher Biological Station (OSBS) Priority 2 Flight Plan  
Flight Plan Name: D03\_OSBS\_C1\_P2\_v2B.pln  
On Station Time: 1030 Local / 1430 UTC

### **Crew**

Lidar: David Gambino, NIS: Mitch Haynes, Ground/GPS: Cameron Chapman

## **Flight Collection Plan for September 28<sup>th</sup> 2017**

### **Flyority 1**

Collection Area: Ordway-Swisher Biological Station (OSBS) Priority 1 Flight Plan  
Flight Plan Name: D03\_OSBS\_C1\_P1\_v2B.pln  
On Station Time: 1030 Local / 1430 UTC

### **Flyority 2**

Collection Area: Disney Wilderness Preserve (DSNY) Lines 1-13 (*If Green 1-31*)  
Flight Plan Name: D03\_DSNY\_R1\_P1\_v2B.pln  
On Station Time: 1030 Local / 1430 UTC

### **Flyority 3**

Collection Area: Ordway-Swisher Biological Station (OSBS) Priority 2 Flight Plan  
Flight Plan Name: D03\_OSBS\_C1\_P2\_v2B.pln  
On Station Time: 1030 Local / 1430 UTC

### **Crew**

Lidar: Mitch Haynes, NIS: Cameron Chapman, Ground/GPS: David Gambino