



April 16, 2019 Payload 2 Daily Flight Report



Date: 2019-04-16

Flight Campaign ID: 2019_P2C1

Airport, FBO ID, City: Gainesville Regional Airport (KGNV) - Gainesville, FL

Domain: 03

Sites Flown: DSNY (Disney Wilderness Preserve), OSBS_P1 (Ordway-Swisher Biological Station Priority 1), N03B (Nominal Runway)

Days left in Domain: 7

Report Author: Cameron Chapman

Flight Crew: Cameron Chapman, Abe Morrison

Ground/GPS: Michael Wussow

Pilots: Justin Eddington, Wesley Wyatt

Additional Personnel:

GPS Instruments: C-GNVL, FDOT-FLCC, 00 - AOP_OSBS

Flight Hours: 03:25 - 01:18 (4.43)

Hours until maintenance: 65.58

Summary

Another beautiful day in Florida allowed for the completion of the DSNY flight box!! This is the first time the AOP has collected DSNY cloud free! In addition, we collected 6 lines at OSBS before the clouds and heavy smoke from the many fires drifted into our area.

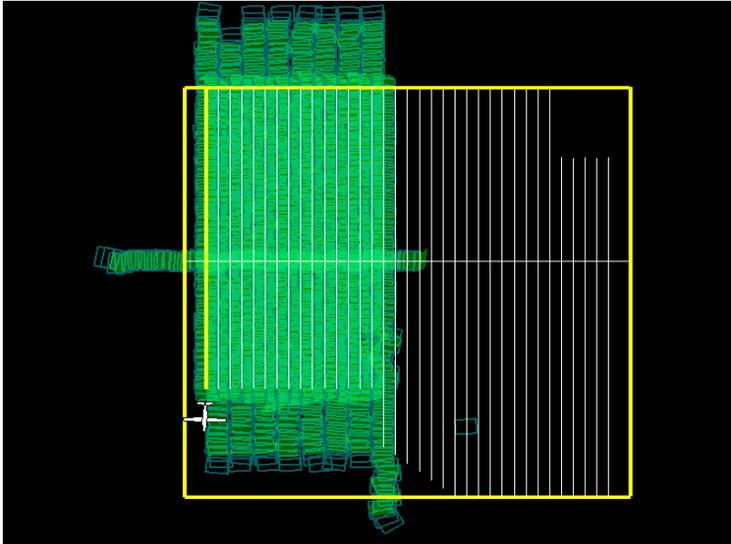
Concerns

- Flight Database "hours until maintenance" tracking about 10 more than actual
- Fires burning around Florida near flight boxes could cause issues if they persist

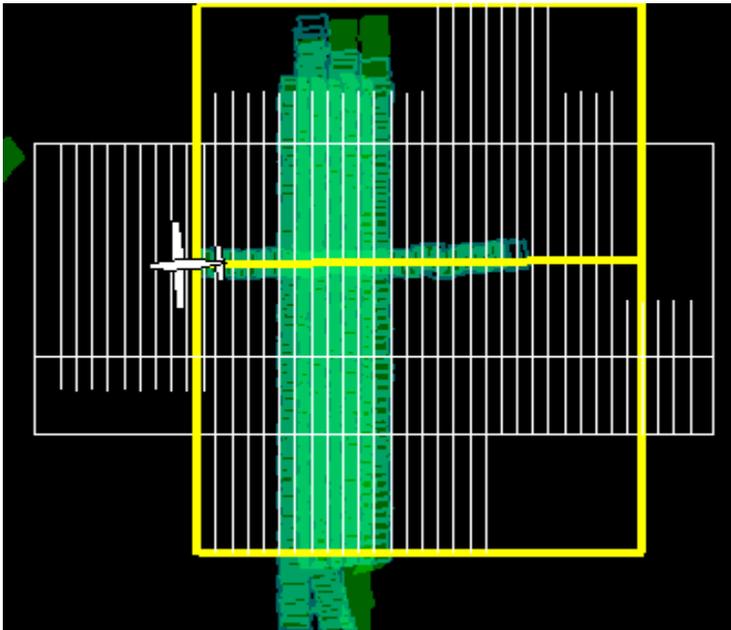
Comments

- Completed Lines 21 – 36 at DSNY
- Completed Lines 17 – 22 at OSBS_P1
- Completed D03 Nominal Runway

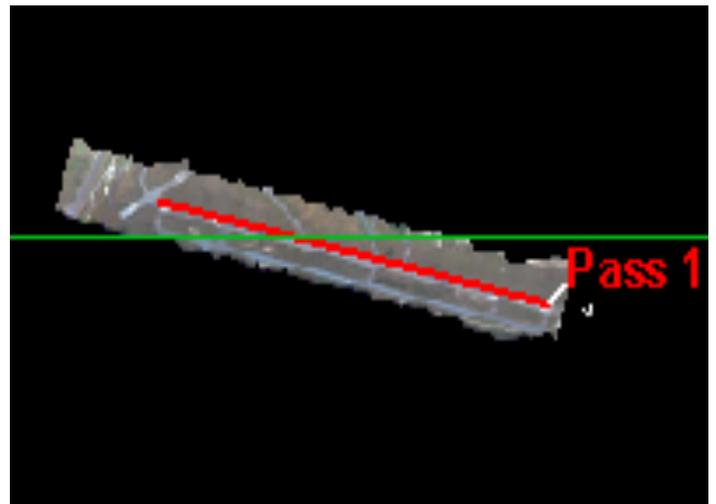
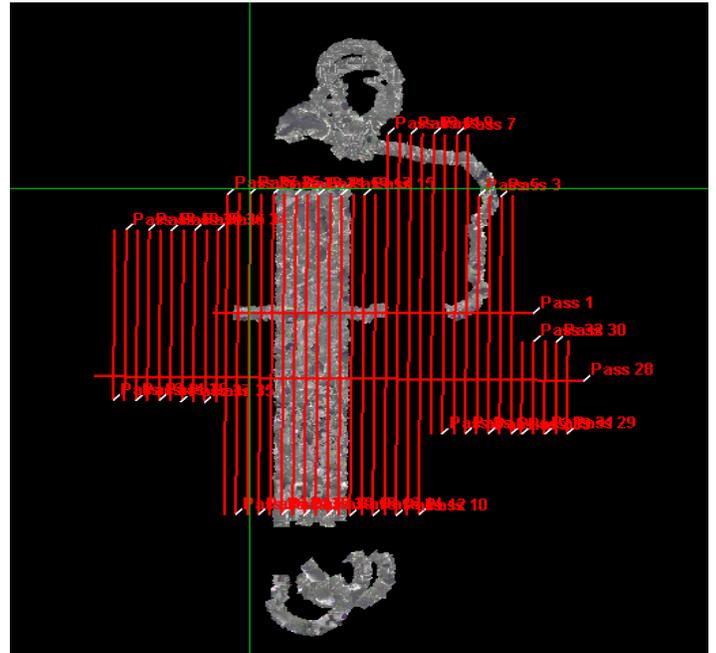
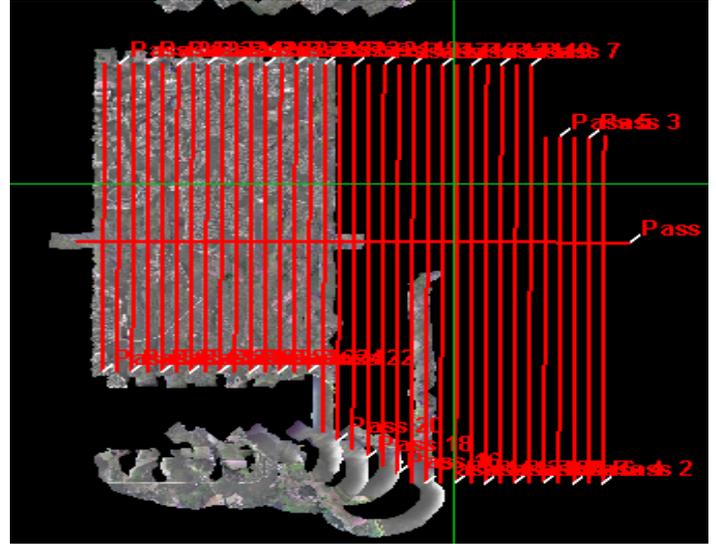
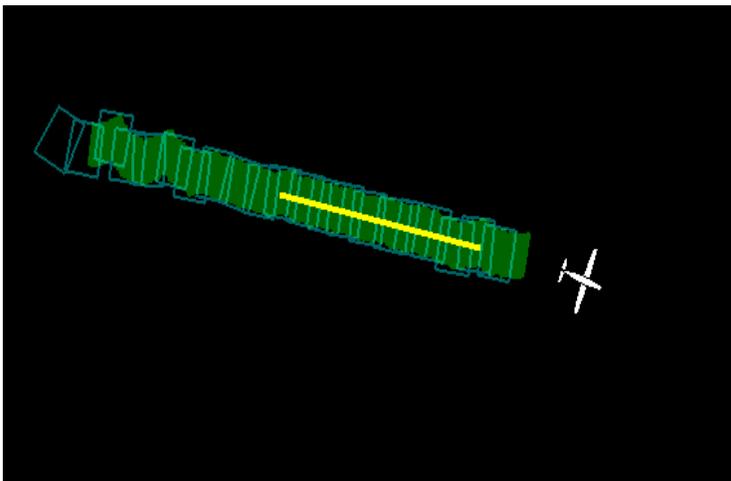
Flight Screenshots
DSNY



OSBSP1



N03B



Pictures



CLEAR SKY OVER DSNY

Daily Coverage

D03 DSNY	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	21				✓	✓	✓	NLC
	22				✓	✓	✓	NLC
	23				✓	✓	✓	NLC
	24				✓	✓	✓	NLC
	25				✓	✓	✓	NLC
	26				✓	✓	✓	NLC
	27				✓	✓	✓	NLC
	28				✓	✓	✓	NLC
	29				✓	✓	✓	NLC
	30				✓	✓	✓	NLC
	31				✓	✓	✓	NLC
	32				✓	✓	✓	NLC
	33				✓	✓	✓	NLC
	34				✓	✓	✓	NLC
	35				✓	✓	✓	NLC
	36				✓	✓	✓	NLC
Flown:	17							
D03 OSBS_P1	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	17				✓	✓	✓	NLC
	18				✓	✓	✓	NLC
	19				✓	✓	✓	NLC
	20				✓	✓	✓	NLC
	21				✓	✓	✓	NLC
	22				✓	✓	✓	NLC
D03 N03B	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC

Cumulative Domain Coverage

DSNY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36					

Flown: 100% (36/36)

Green: 103% (37/36)

Yellow: 0% (0/36)

Red: 0% (0/36)

OSBS_P1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
21	22	23	24	25	26	27														

Flown: 81% (22/27)

Green: 85% (23/27)

Yellow: 0% (0/27)

Red: 0% (0/27)

OSBS_P2

28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
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Flown: 0% (0/16)
 Green: 0% (0/16)
 Yellow: 0% (0/16)
 Red: 0% (0/16)

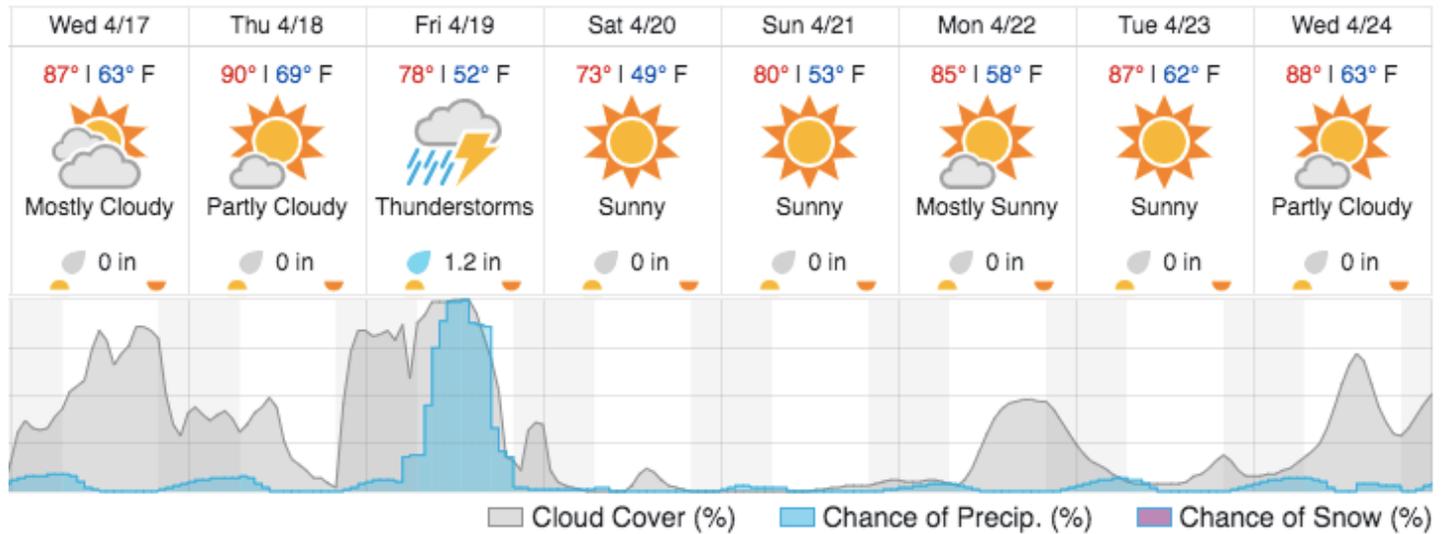
N03B

1

Flown: 100% (1/1)
 Green: 100% (1/1)
 Yellow: 0% (0/1)
 Red: 0% (0/1)

Weather Forecast

Gainesville, FL



Flight Collection Plan for 17 April 2019

Flyority 1: COMPLETE (pending coverage checks)

Collection Area: Disney Wilderness Preserve (DSNY)

Flight Plan Name: D03_DSNY_R1_P1_v3.pln

On Station Time: 1010 L / 1410 UTC

Flyority 2: Lines 23 - 27

Collection Area: Ordway-Swisher Biological Station (OSBS) Priority 1 Flight Plan

Flight Plan Name: D03_OSBS_C1_P1_P2_v3.pln

On Station Time: 1020 L / 1420 UTC

Flyority 3:

Collection Area: Ordway-Swisher Biological Station (OSBS) Priority 2 Flight Plan

Flight Plan Name: D03_OSBS_C1_P1_P2_v3.pln

On Station Time: 1020 L / 1420 UTC

Flyority 4: COMPLETE

Collection Area: Nominal Runway – D03

Flight Plan Name: D03_N03A_Nominal_Runway_Test_v1.pln

On Station Time: N/A

Crew: (LiDAR) Mike Wussow (NIS) Cameron Chapman (Ground/GPS) Abe Morrison