



September 20, 2018 Payload 2 Daily Flight Report



Date: 2018-09-20

Flight Campaign ID: 2018_P2C1

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

Domain: 03

Sites Flown: JERC_P1 (Jones Ecological Research Center Priority 1), JERC_P2 (JERC Priority 2)

Days left in Domain: 14

Report Author: Mitch Haynes

Flight Crew: Mitch Haynes, Abe Morrison

Flight Hours: 03:33

Ground/GPS: Cameron Chapman

Hours until maintenance: 82.33

Pilots: Gina Moore, Mike Francis

Additional Personnel:

GPS Instruments: 13 - JERC, C-GNVL

Summary

The crew once again turned attention towards JERC with cloudy conditions present at both OSBS and DSNY. 4 remaining non-green lines of the priority 1 flight box were completed under green conditions, in addition to 10 green and 2 non-green lines over the priority 2 box to finish up initial collection at JERC.

Concerns

Payload 2 Sherpa confirmed bad. A new Sherpa is being shipped out while a replacement power supply is currently being utilized.

Comments

Domain tour of payload and aircraft will occur tomorrow at 3pm L at the Gainesville Regional Airport. If any other parties are interested in joining, please reach out to the crew for further details.

Daily Coverage

D03 JERC_P1	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	23				✓	✓	✓	NLC
	24				✓	✓	✓	NLC
	25				✓	✓	✓	NLC
	26				✓	✓	✓	NLC
Flown:	4							
D03 JERC_P2	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	14				✓	✓	✓	NLC
	15				✓	✓	✓	NLC
	16				✓	✓	✓	NLC
	17				✓	✓	✓	NLC
	18				✓	✓	✓	NLC
	19				✓	✓	✓	NLC
	20				✓	✓	✓	NLC
	21				✓	✓	✓	NLC

	22				✓	✓	✓	NLC
	23				✓	✓	✓	NLC
	24				✓	✓	✓	NLC
	25				✓	✓	✓	NLC
Flown:	13							

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: 0% (0/36)

Green: 0% (0/36)

Yellow: 0% (0/36)

Red: 0% (0/36)

JERC_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														

Flown: 100% (26/26)

Green: 96% (25/26)

Yellow: 27% (7/26)

Red: 19% (5/26)

JERC_P2

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															

Flown: 100% (25/25)

Green: 40% (10/25)

Yellow: 56% (14/25)

Red: 12% (3/25)

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: 0% (0/27)

Yellow: 0% (0/27)

Red: 81% (22/27)

OSBS_P2

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
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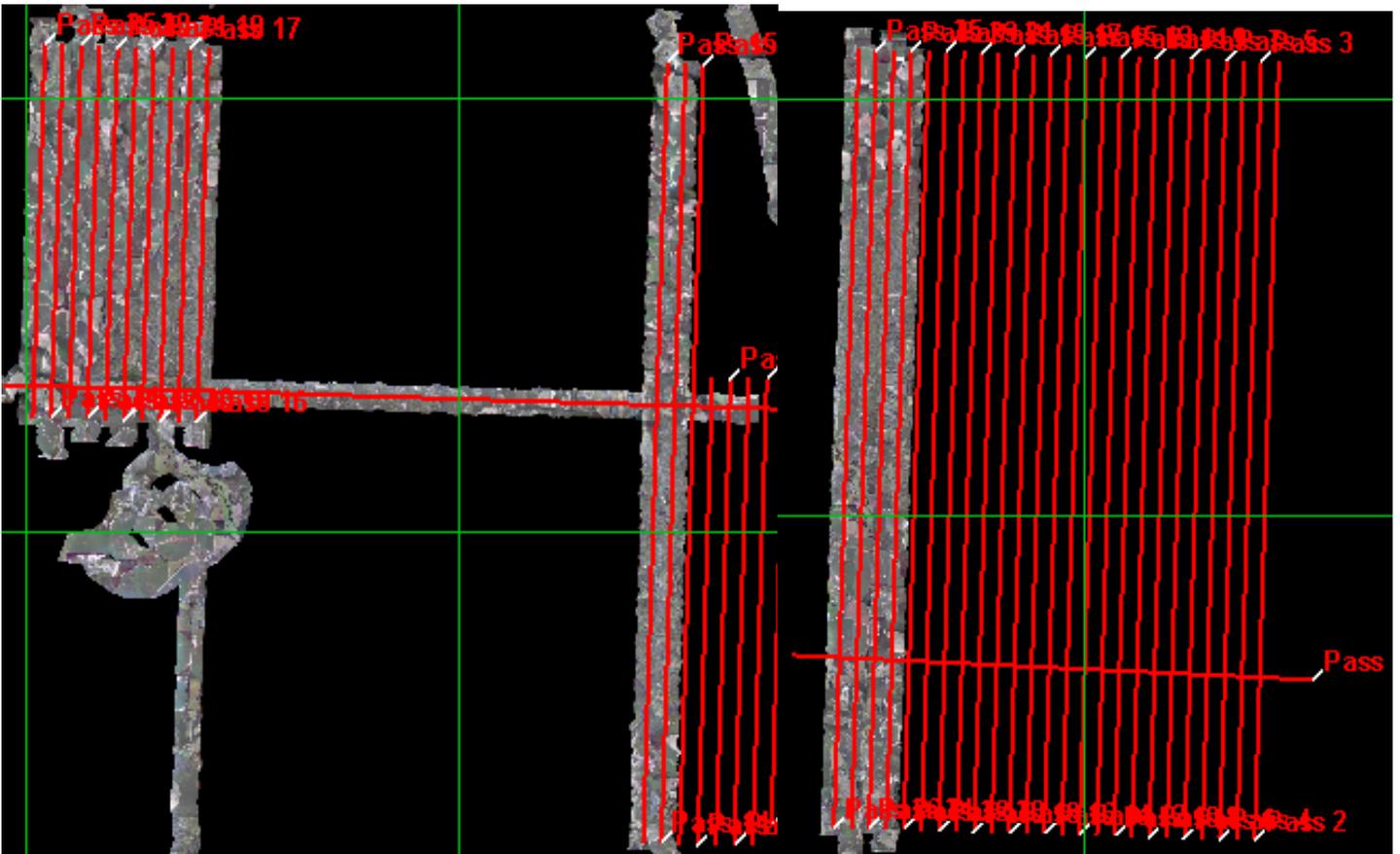
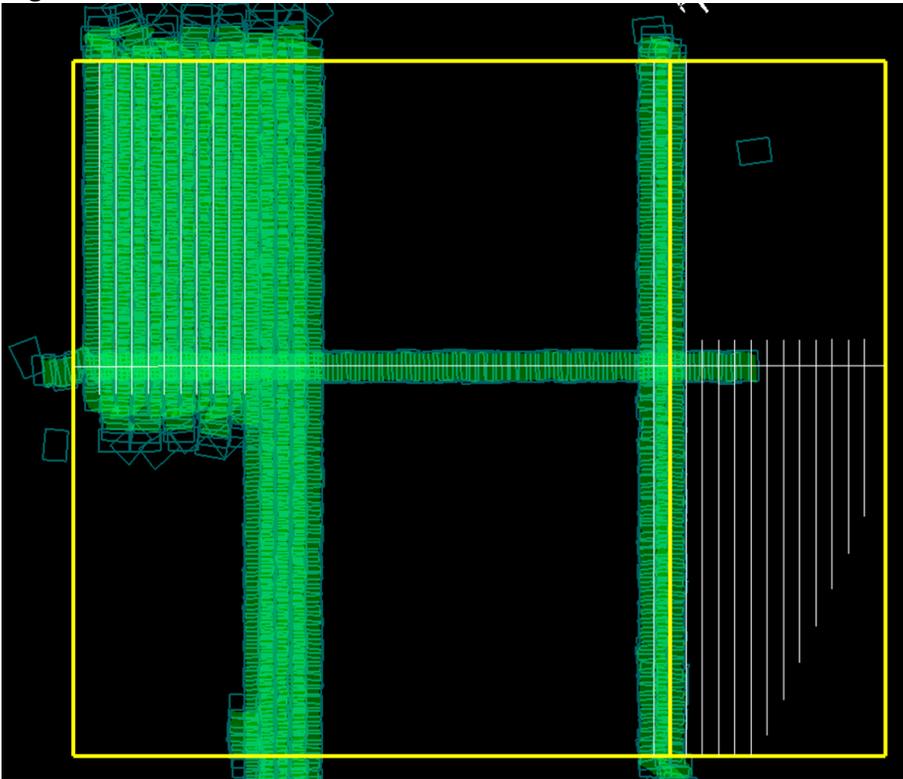
Flown: 0% (0/16)

Green: 0% (0/16)

Yellow: 0% (0/16)

Red: 0% (0/16)

Flight Screenshots



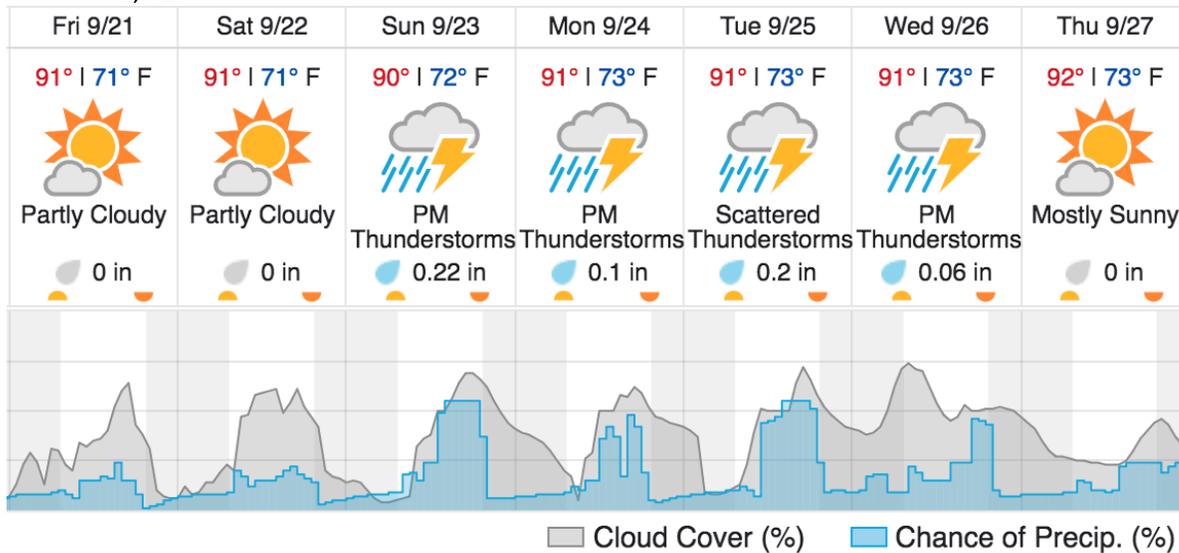
Pictures



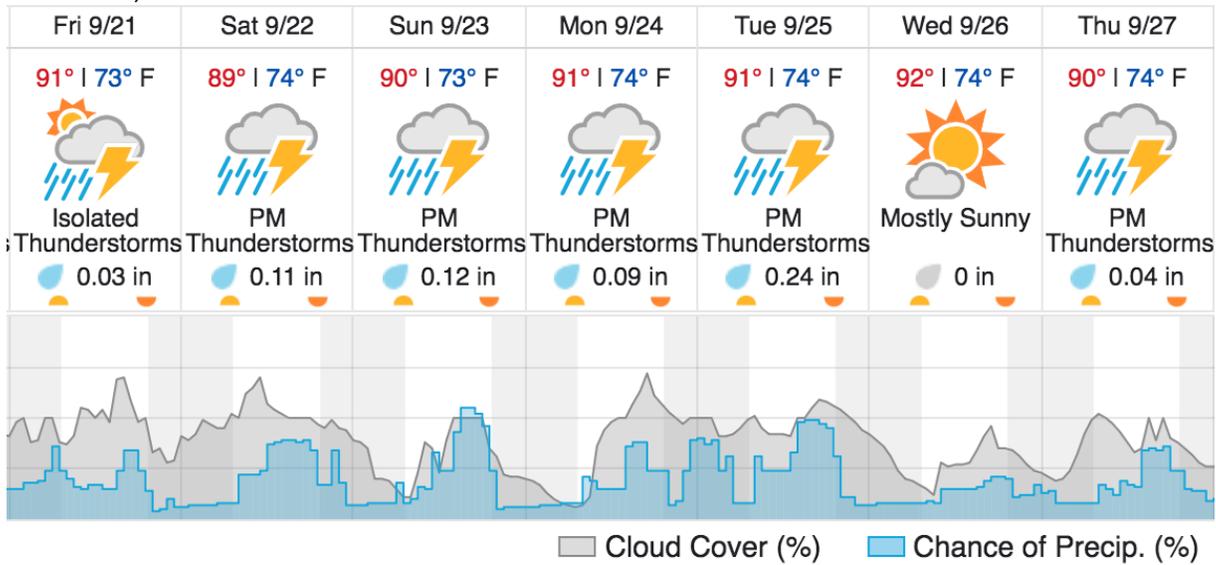
Hazy day upon arrival at Jones. Initial green, cumulus clouds quickly started building, transitioning collections to yellow.

Weather Forecast

Kissimmee, FL



Gainesville, FL



Flyority (Flight Priority) 1

Collection Area: Disney Wilderness Preserve (DSNY)

Flight Plan Name: D03_DSNY_R1_P1_v2B.pln

On Station Time: 1030 Local / 1430 UTC

Flyority 2

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 3

Collection Area: Ordway-Swisher Biological Station (OSBS) Priority 2 Flight Plan *Lines 1 – 6 & 17 – 26 If “green”*

Flight Plan Name: D03_OSBS_C1_P2_v2B.pln

On Station Time: 1030 Local / 1430 UTC

Flyority 4

Collection Area: Jones Ecological Research Center (JERC) Priority 2 Flight Plan *Lines 2-15 If “green”*

Flight Plan Name: D03_JERC_R2_P2_v3B.pln

On Station Time: 1050 Local / 1450 UTC

Crew

Lidar: Abe Morrison, NIS: Cameron Chapman, Ground: Mitch Haynes