



September 18, 2018 Payload 2 Daily Flight Report



Date: 2018-09-18

Flight Campaign ID: 2018_P2C1

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

Domain: 03

Sites Flown: None

Days left in Domain: 16

Report Author: Abe Morrison

Flight Crew: Abe Morrison, Cameron Chapman

Ground/GPS: Mitch Haynes

Pilots: Mike Francis, Gina Moore

Additional Personnel:

GPS Instruments:

Flight Hours: 00:00

Hours until maintenance: 92.48

Summary

Sunny Skies this morning quickly clouded up with low cumulus just at the start of solar angle, also with the usual afternoon thunderstorms. More favorable skies are forecast at some of the flight locations in the next few days.

Concerns

--The crew was able to duplicate the GPU failure during a controlled test and this information was relayed to the manufacturer. This unit will be shipped back to the manufacturer for more testing and repair. The replacement GPU has arrived and has been swapped in.

Comments

--Abe Morrison and Mitch Haynes received their airport security badges today. This will help with daily operations.
 --GPU was swapped with replacement.

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: 81% (21/26)

Green: 38% (10/26)

Yellow: 23% (6/26)

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: 0% (0/25)
 Green: 0% (0/25)
 Yellow: 0% (0/25)
 Red: 0% (0/25)

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)

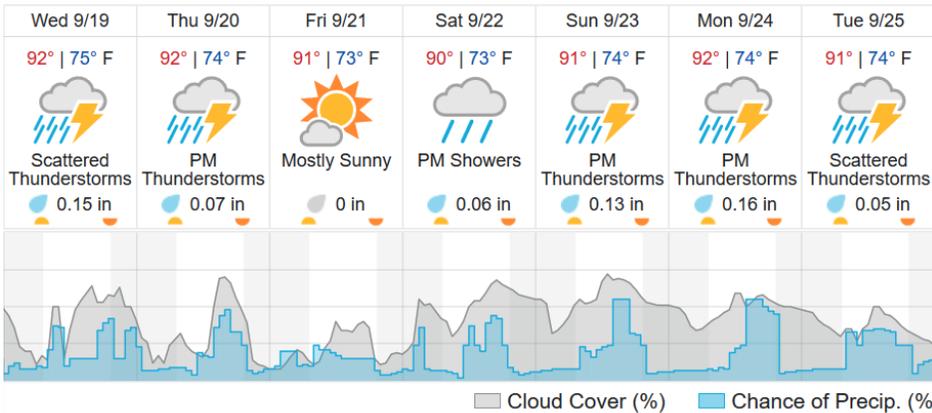
OSBS_P2

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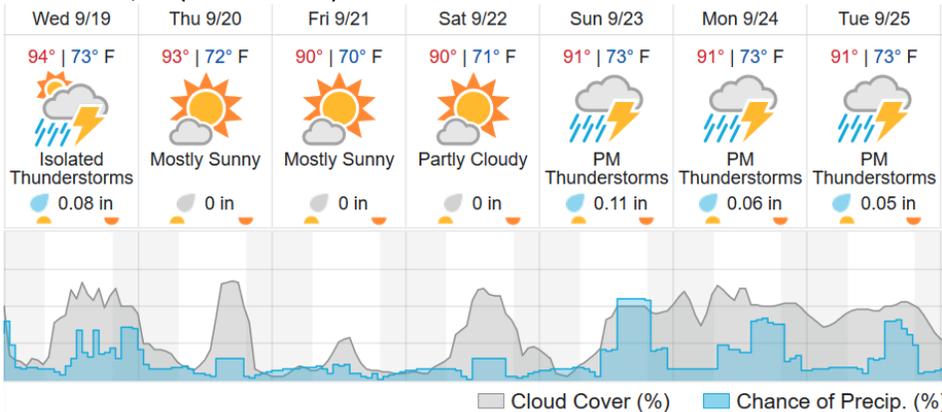
Flown: 0% (0/16)
 Green: 0% (0/16)
 Yellow: 0% (0/16)
 Red: 0% (0/16)

Weather Forecast

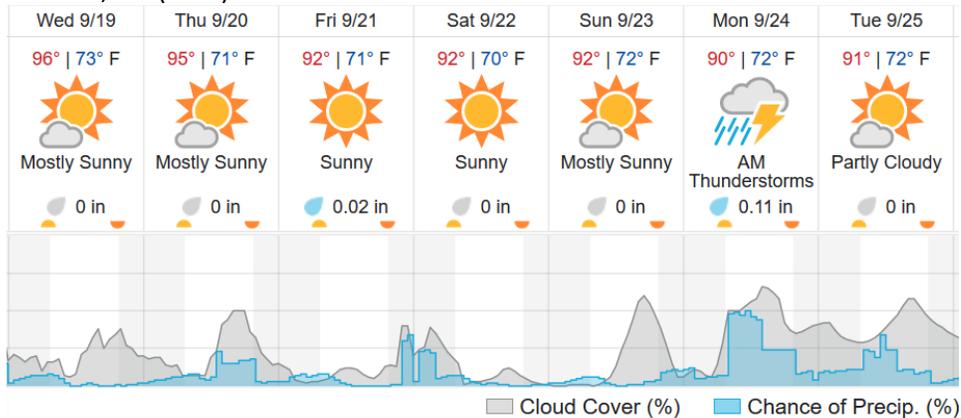
Kissimmee, FL (DSNY)



Gainesville, FL (OSBS & FBO)



Newton, GA (JERC)



Flight Collection Plan for 19 Sept 2018

Flyority (Flight Priority) 1

Collection Area: Disney Wilderness Preserve (DSNY)

Flight Plan Name: D03_DSNY_R1_P1_v2B.pln

On Station Time: 1020 Local / 1420 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: Jones Ecological Research Center (JERC) Priority 1 Flight Plan

Flight Plan Name: D03_JERC_R2_P1_v3B.pln

On Station Time: 1040 Local / 1440 UTC

Flyority 4

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 5

Collection Area: Jones Ecological Research Center (JERC) Priority 2 Flight Plan

Flight Plan Name: D03_JERC_R2_P2_v3B.pln

On Station Time: 1040 Local / 1440 UTC

Crew

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