



May 6, 2019 Payload 2 Daily Flight Report



Date: 2019-05-06

Flight Campaign ID: 2019_P2C1

Airport, FBO ID, City: Tuscaloosa Regional Airport (KTCL) - Tuscaloosa, AL

Domain: 08

Sites Flown: LENO (Lenoir Landing)

Days left in Domain: 5

Report Author: Abe Morrison

Flight Crew: Abe Morrison, Robb Walker

Ground/GPS: Cameron Chapman

Pilots: Justin Eddington, David Little

Additional Personnel:

GPS Instruments: 04 - LENO, 05 - FBO_KTCL

Flight Hours: 01:04, 3:47

Hours until maintenance: 45.08

Summary

With fair weather forecast for today, and a tower camera that was offline, the crew flew to the LENO site this morning to find low cumulus clouds at and below flight altitude. The decision was made to land in Meridian MS and wait until the clouds lifted. During the wait the tower camera was restored, showing that the clouds had lifted. The crew flew back to the site and collected all 26 lines under “red” sky conditions.

Concerns

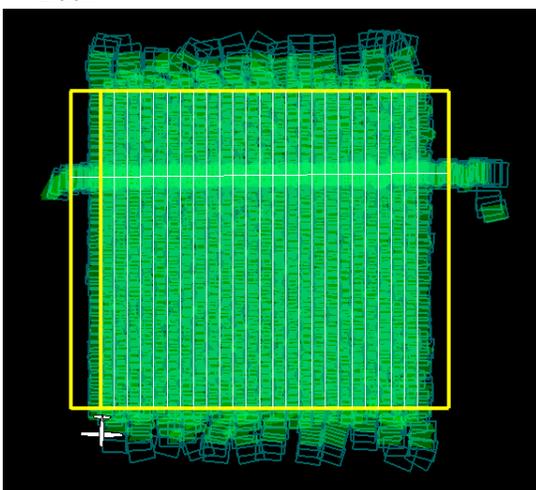
--Upon arrival at the hangar this morning, it was discovered that the Crio had stopped functioning. With the assistance of HQ staff, the system was restored to functionality. This is the 2nd time this problem has occurred in the last 2 weeks.

Comments

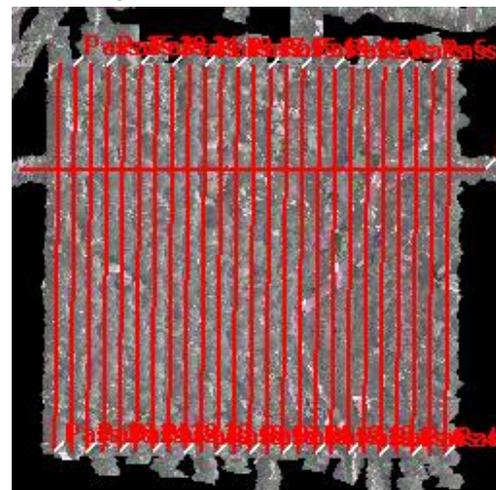
--Lines 1-26 were collected under “red” conditions at the LENO site.

Flight Screenshots

Lidar



NIS



Pictures



Morning departure from Tuscaloosa Heading to LENO. Pic by Abe M.

Daily Coverage

D08 LENO	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	2				✓	✓	✓	NLC
	3				✓	✓	✓	NLC
	4				✓	✓	✓	NLC
	5				✓	✓	✓	NLC
	6				✓	✓	✓	NLC
	7				✓	✓	✓	NLC
	8				✓	✓	✓	NLC
	9				✓	✓	✓	NLC
	10				✓	✓	✓	NLC
	11				✓	✓	✓	NLC
	12				✓	✓	✓	NLC
	13				✓	✓	✓	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
	26				✓	✓	✓	NLC
Flown:	26							

Cumulative Domain Coverage

DELA

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: 0% (0/26)

Yellow: 100% (26/26)

Red: 0% (0/26)

LENO

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: 0% (0/26)

Yellow: 0% (0/26)

Red: 100% (26/26)

N08A

1																			
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Flown: 100% (1/1)

Green: 0% (0/1)

Yellow: 0% (0/1)

Red: 100% (1/1)

TALL

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)

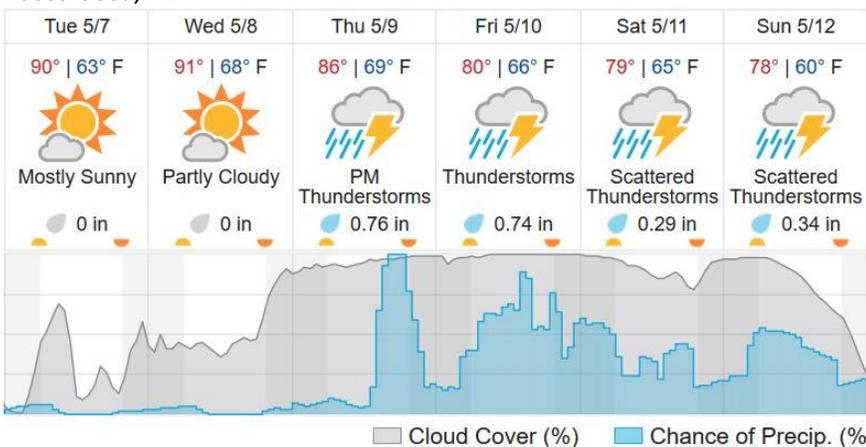
Green: 0% (0/26)

Yellow: 0% (0/26)

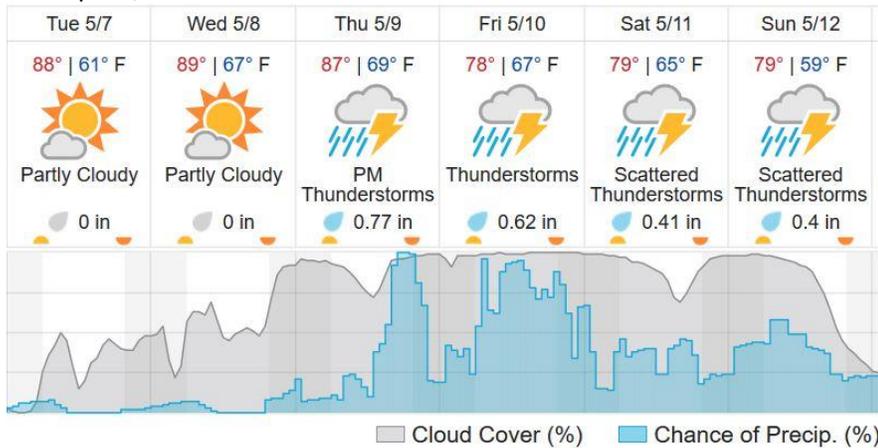
Red: 100% (26/26)

Weather Forecast

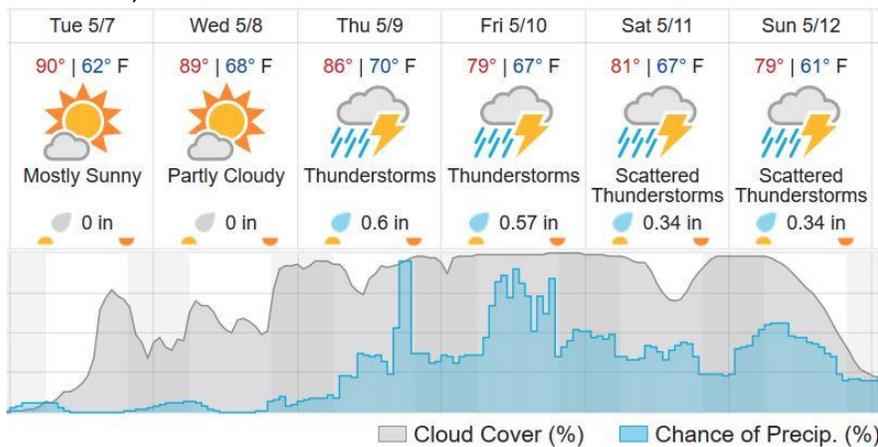
Tuscaloosa, AL



Demopolis, AL



Coffeeville, AL



Flight Collection Plan for 07 May 2019

Flyority 1:

Collection Area: Dead Lake (DELA) **If "Green" Sky Conditions**

Flight Plan Name: D08_DELA_R1_P1_v1.pln

On Station Time: 0920 L / 1420 UTC

Flyority 2:

Collection Area: Talladega National Forest (TALL) **If "Green" Sky Conditions**

Flight Plan Name: D08_TALL_C1_P1_v1.pln

On Station Time: 0920 L / 1420 UTC

Flyority 3:

Collection Area: Lenoir Landing (LENO) **If "Green" Sky Conditions**

Flight Plan Name: D08_LENO_R2_P1_v1.pln

On Station Time: 0920L / 1420 UTC

Flyority 4:

Collection Area: Dead Lake (DELA) – Priority 2 Flight Box

Flight Plan Name: D08_DELA_R1_P1_P2_v2.pln

On Station Time: 0920 L / 1420 UTC

Crew: (LiDAR) Cameron Chapman (NIS) Abe Morrison (Ground/GPS) Robb Walker

Flight Collection Plan for 08 May 2019

Flyority 1 – 4 Same as previously briefed

Crew: (LiDAR) Robb Walker (NIS) Cameron Chapman (Ground/GPS) Abe Morrison