



April 26, 2018 Payload 3 Daily Flight Report



Date: 2018-04-26

Flight Campaign ID: 2018_P3C1

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

Domain: 11, 08

Sites Flown: Camera Test Flight at CLBJ (D11), Transit (KSPS – KTCL)

Days left in Domain: 17

Report Author: Ivana Vu

Flight Crew: Mitch Haynes, Ivana Vu

Ground/GPS: Mitch Haynes (D11), Michael Wussow (D11),
Abe Morrison (D08), Robb Walker (D08)

Pilots: Paul Muth, Ross Rice

Additional Personnel: None

GPS Instruments: None

Flight Hours: 01:18, 03:32

Hours until maintenance: 55.47

Summary

A Camera Test Flight was conducted in Texas this morning before crew completed the transit to Tuscaloosa, AL under VFR conditions. Data collection in D08 will start tomorrow.

Concerns

Discussions of removing the camera for repairs continue. The lidar appeared to function properly with the camera disconnected today, however, further investigation is required to ensure that data can be still be extracted and processed. Until this is verified, crew will continue to conduct science collects using the full system with the camera.

Comments

- GPS04 (OAES) in D11 has been retrieved
- GPS08 (TALL) & GPS09 (FBO) in D08 are online
- Robb Walker arrived in D08

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: 0% (0/26)

Green: 0% (0/26)

Yellow: 0% (0/26)

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: 0% (0/26)

Green: 0% (0/26)

Yellow: 0% (0/26)

Red: 0% (0/26)

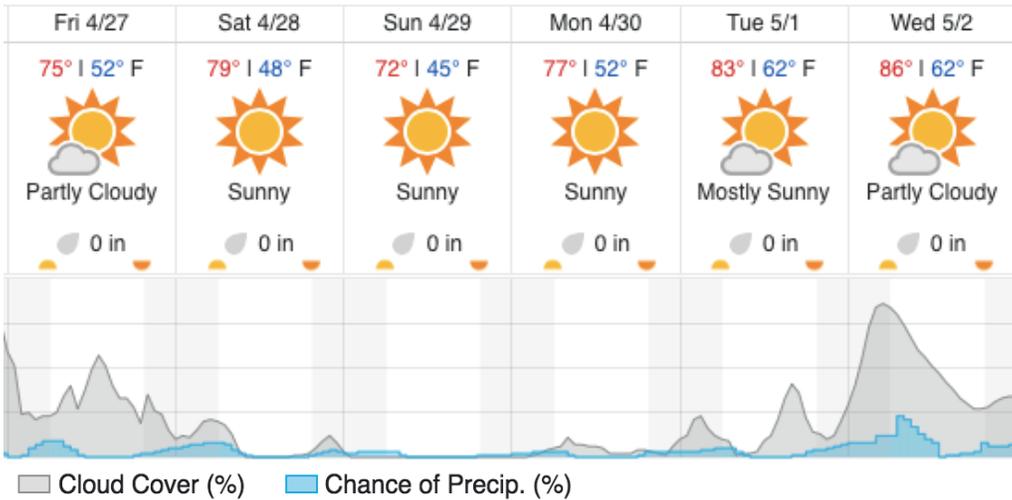
TALL

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: 0% (0/26)
 Green: 0% (0/26)
 Yellow: 0% (0/26)
 Red: 0% (0/26)

Weather Forecast

Tuscaloosa, AL



Flight Collection Plan for 27 April 2018

Flyority 1:

Collection Area: Lenoir Landing (LENO)
 Flight Plan Name: D08_LENO_R2_P1_v2_Q780
 On-station Time: 1430 UTC / 0930 L

Flyority 2:

Collection Area: Talladega National Forest (TALL)
 Flight Plan Name: D08_TALL_C1_P1_v2_Q780
 On-station Time: 1430 UTC / 0930 L

Flyority 3:

Collection Area: Dead Lake (DELA)
 Flight Plan Name: D08_DELA_R1_P1_v2_Q780
 On-station Time: 1430 UTC / 0930 L

Crew: Ivana Vu (Lidar), Robb Walker (NIS), Abe Morrison (Ground/GPS)

Flight Collection Plan for 28 April 2018

Flyority: Same as previous day

Crew: Robb Walker (Lidar), Ivana Vu (NIS), Abe Morrison (Ground/GPS)