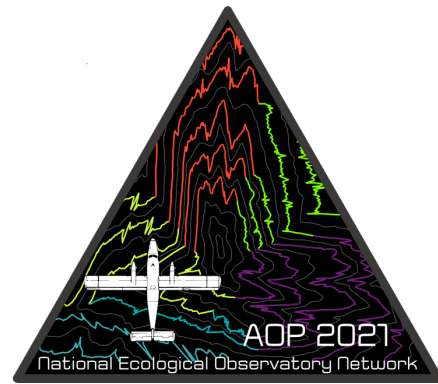




Payload 3 Daily Flight Report



Date: 2021-04-18

Flight Campaign ID: P3C1

Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO, Garden City Regional Airport (KGCK) - Garden City, KS, Tulsa International Airport (KTUL) - Tulsa, OK, Clinton National Airport - Little Rock, AR

Aircraft: N615AR

Domain: 00 (Training & Calibration), 08 (Ozarks Complex)

Sites Flown: Transit ()

Days left in Domain: 21

Report Author: Cameron Chapman

Lidar Operators: Cameron Chapman

Spectrometer Operators: Abe Morrison

Pilots: Stephen Brawders, Vince Maarschalkerweerd

Ground Crew: Mitch Haynes, Elissa Barris

Flight Hours: 01:41:00, 01:45:00, 01:53:00, 01:37:00

Hours until maintenance: 72.85

Summary

With inclement weather approaching Boulder, CO on the originally planned transit day, (Monday), the flight crew transited the aircraft 1 day ahead of schedule to the D08 hangar in Tuscaloosa, AL.

Concerns

None

Comments

- GPS units will be deployed on Tuesday
- Completed transit to D08
- Still awaiting the arrival of the pump
- New tail logos were installed

Daily Coverage

Estimated Cloud Cover Key

Green:	Yellow:	Red:
0-10%	11-50%	>50%

Flight Screenshots: None

Pictures



Top: Departing Boulder, CO

Bottom: The frozen eastern plains of Colorado





Top: Transiting through Oklahoma/Arkansas

Bottom: Arriving in D08 Tuscaloosa, AL



Cumulative Domain Coverage

D08 | D08A (Optech Digitizer Validation Plan - Birmingham, AL)

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

Flown: 0% (0/10)
 Green: 0% (0/10)
 Yellow: 0% (0/10)
 Red: 0% (0/10)

D08 | DELA (Dead Lake)

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)

D08 | LENO (Lenoir Landing)

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)

D08 | N08A (D08 Nominal Runway)

1

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

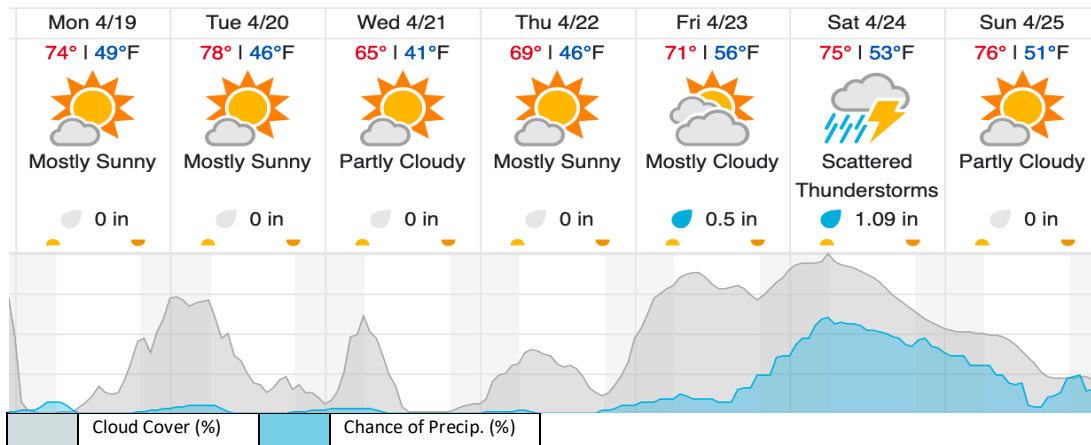
D08 | TALL (Talladega National Forest)

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



source: wunderground.com

Flight Collection Plan for 20 April 2021

Flyority 1

Collection Area: Talladega National Forest (TALL)

Flight Plan Name: D08_TALL_C1_P1_v2_Q780

On-station Time: 1430 UTC / 0930 L

Flyority 2

Collection Area: Dead Lake (DELA) – Priority 1 Flight Box

Flight Plan Name: D08_DELA_R1_P1_v2_Q780

On-station Time: 1430 UTC / 0930 L

Flyority 3

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

Flight Plan Name: D08_DELA_R1_P2_v2_Q780

On-station Time: 1430 UTC / 0930 L

Flyority 4

Collection Area: Lenoir Landing (LENO)

Flight Plan Name: D08_LENO_R2_P1_v2_Q780

On-station Time: 1430 UTC / 0930 L

Flight Crew: Cam, Abe