



Payload 1 Daily Flight Report



Date: 2023-05-12

Flight Campaign ID: P1C1

Airport, FBO ID, City: Ocala International Airport (KOCF) - Ocala, FL, Bessemer Municipal Airport - Mitchell Field (KEY)

Aircraft: N331AR

Domain: 08 (Ozarks Complex)

Sites Flown: Transit ()

Days left in Domain: 17

Report Author: Cameron

Lidar Operators: Cameron **Flight Hours:** 02:36

Spectrometer Operators: **Hours until maintenance:** 55.87

Pilots: Justin, Jeff

Ground Crew: Mitch, Elissa

Summary

The crew completed the transit from D03 to D08 in one flight dodging storms along the way. The payload was turned off during the transit due to the IFR flight conditions however the payload's pressure stayed within specification.

Concerns:

- None

Comments

- GPS 7 was deployed at the Bessemer FBO (KEY)

Daily Coverage

Estimated Cloud Cover Key

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

Pictures



The sky opened as we entered Alabama.

Cumulative Domain Coverage

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 | 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															

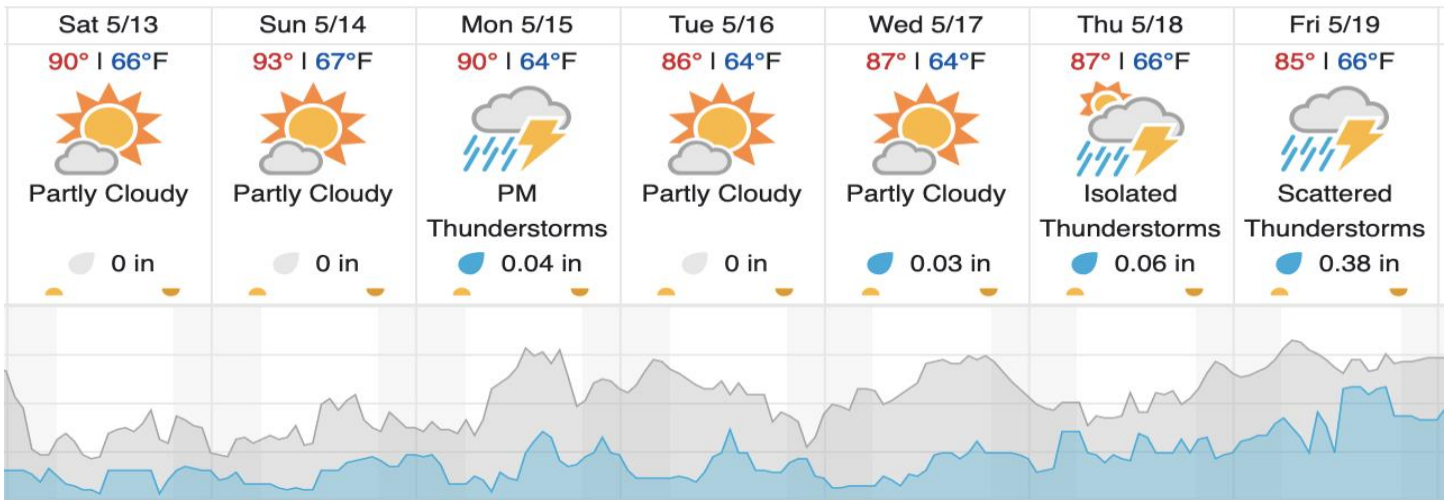
Flown: 0% (0/26)

Green: 0% (0/26)

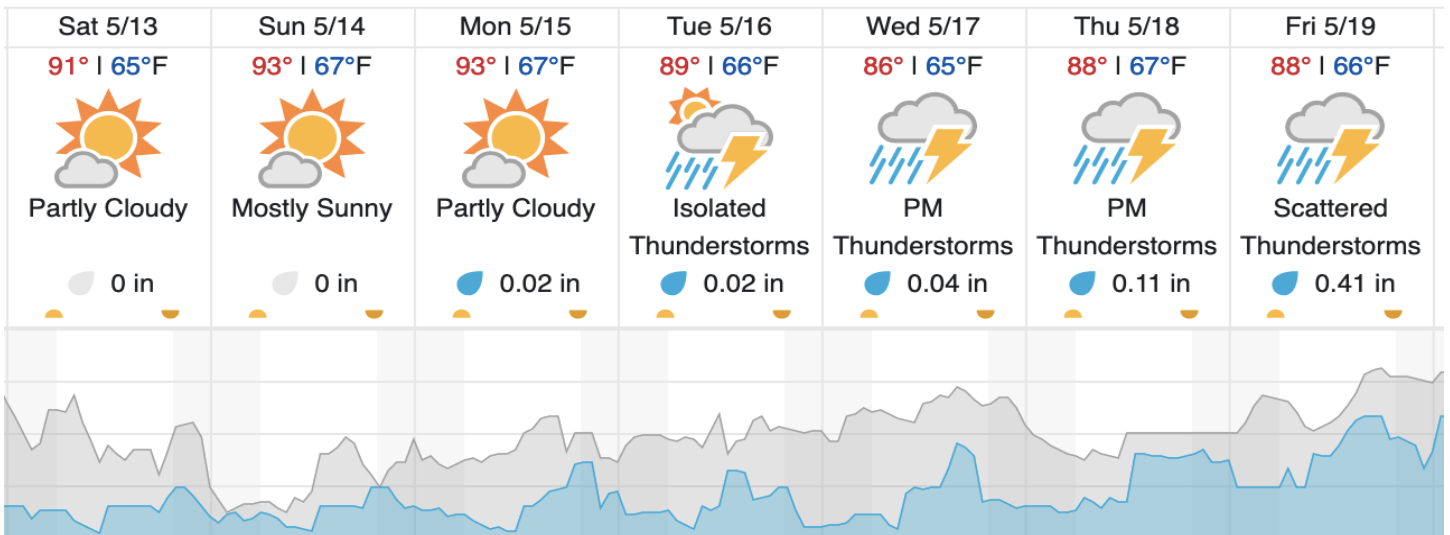
Yellow: 0% (0/26)

Red: 0% (0/26)

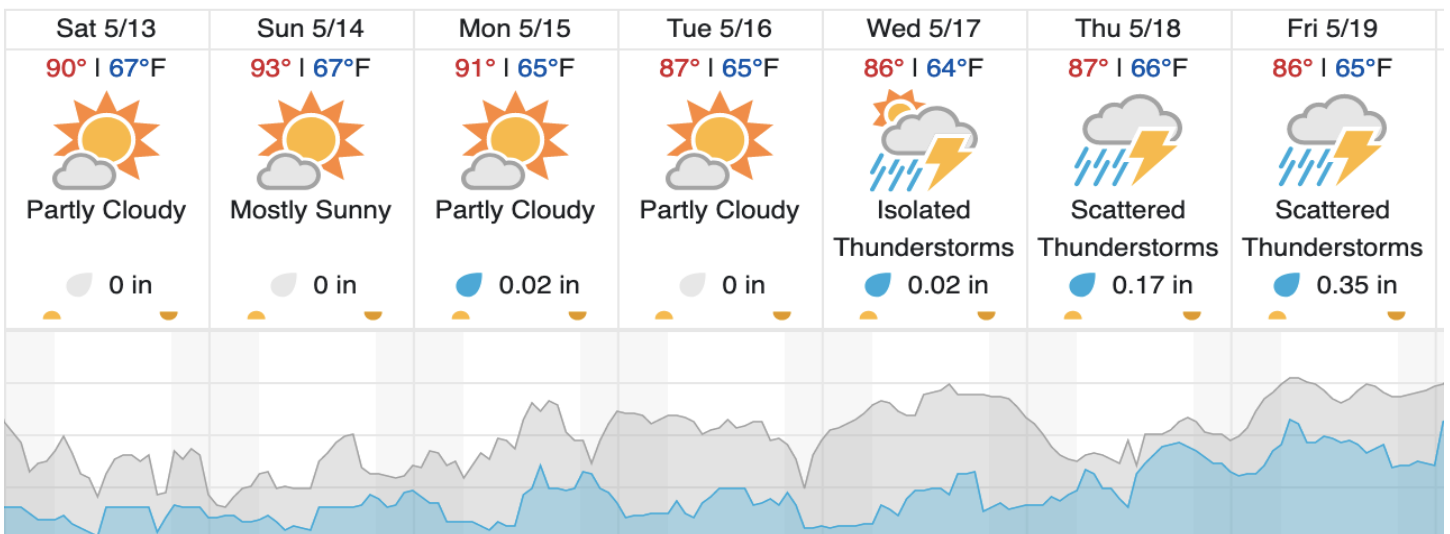
Weather Forecast
Moundville, AL (TALL)



Demopolis, AL (DELA)



Coffeeville, AL (LENO)



Cloud Cover (%)	Chance of Precip. (%)
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Flight Collection Plan for May 13, 2023

Flyority 1

Collection Area: Lenoir Landing (LENO)

Flight Plan Name: D08_LENO_R2_P1_v2_PRM.xml

On-Station Time: 1420 UTC/ 0920 L

Flyority 2

Collection Area: Talladega National Forest (TALL)

Flight Plan Name: D08_TALL_C1_P1_v2_PRM.xml

On-Station Time: 1420 UTC/ 0920 L

Flyority 3

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

Flight Plan Name: D08_DELA_R1_P1_P2_v2_PRM.xml

On-Station Time: 1420 UTC/ 0920 L

Flyority 4

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

Flight Plan Name: D08_DELA_R1_P1_P2_v2_PRM.xml

On-Station Time: 1420 UTC/ 0920 L

Flyority 5

Collection Area: Nominal Runway – D08 – OA8

Flight Plan Name: D08_N08A_Nominal_Runway_Test_v1_PRM.xml

On-Station Time: N/A

Crew: Mitch (Lidar), Cam (NIS)