

Payload 1 Daily Flight Report



Date: 2023-05-23

Flight Campaign ID: P1C1

Airport, FBO ID, City: Bessemer Municipal Airport - Mitchell Field (KEKY) - Bessemer, AL

Aircraft: N331AR

Domain: 08 (Ozarks Complex)

Sites Flown: None **Days left in Domain**: 6

Report Author: Mitch

Lidar Operators: Mitch Flight Hours: 00:00

Spectrometer Operators: Cameron Hours until maintenance: 50.47

Pilots: Justin, Will

Summary

Rain showers throughout the day kept the plane grounded, yet again. Crew traveled to DELA and TALL to swap in freshly charged batteries into our GPS units.

Concerns

GPS 06 (at TALL) solar panel appears to not be functioning properly, possibly dealing with a short in the cabling. A new solar panel is being shipped out to D08.

Comments

None

Pictures: A colony of fire ants decided our GPS at DELA was the perfect place to build their hill against.



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)

		_ \			<u> </u>														
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: 65% (17/26) Green: 65% (17/26) Yellow: 0% (0/26) Red: 0% (0/26)

D08 | N08A (D08 Nominal Runway)

1

Flown: 100% (1/1) Green: 0% (0/1) Yellow: 100% (1/1) Red: 0% (0/1)

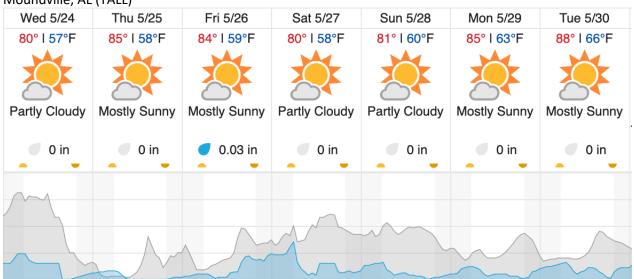
D08 | TALL (Talladega National Forest)

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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)

	` '					
Wed 5/24	Thu 5/25	Fri 5/26	Sat 5/27	Sun 5/28	Mon 5/29	Tue 5/30
78° I 56°F	85° I 58°F	84° I 60°F	81° I 58°F	82° I 61°F	86° I 63°F	88° I 66°F
AM Claude/DM	Moethy Supply	Moetly Suppy	Portly Claudy	Postly Cloudy	Moethy Supply	Moethy Cumpy
AM Clouds/PM Sun	wostly Sunny	Mostly Sunny	Partly Cloudy	Partly Cloudy	Mostly Sunny	Mostly Sunny
0 in	0 in	0 in	0 in	0 in	0 in	0 in
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Coffeeville, AL (LENO)

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Wed 5/24	Thu 5/25	Fri 5/26	Sat 5/27	Sun 5/28	Mon 5/29	Tue 5/30
78° I 58°F	86° I 58°F	85° I 61°F	83° I 59°F	84° I 61°F	88° I 64°F	90° I 66°F
PM Showers	Sunny	Mostly Sunny	Partly Cloudy	Mostly Sunny	Mostly Sunny	Partly Cloudy
0 .02 in	0 in	0 in	0 in	0 in	0 in	0 in
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source: wunderground.com

Cloud Cover (%)

Flight Collection Plan for May 24, 2023

Flyority 1 (Lines 2-4, 20-26)

Collection Area: Lenoir Landing (LENO)

Flight Plan Name: D08_LENO_R2_P1_v2_PRM.xml

Chance of Precip. (%)

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

Crew: Cam (Lidar), Mitch (NIS)