Payload 3 Daily Flight Report

Date: 2021-05-09  
Flight Campaign ID: P3C1  
Airport, FBO ID, City: Tuscaloosa Regional Airport (KTCL) - Tuscaloosa, AL, Jackson-Medgar Wiley Evers International (KJAN) - Jackson, MS, Texarkana Regional-Webb Field (KTXK) - Texarkana, AR, Tulsa International Airport (KTUL) - Tulsa, OK, Forbes Field (KFOE) – Topeka, KS  
Aircraft: N615AR

Domain: 08 (Ozarks Complex)  
Sites Flown: Transit ()  
Days left in Domain: 0

Report Author: Abe Morrison  
Lidar Operators: Abe Morrison  
Spectrometer Operators: Cameron Chapman  
Flight Hours: 01:22:00, 02:01:00, 01:47:00, 01:28:00  
Hours until maintenance: 44.27

Pilots: Stephen Brawders, Vince Maarschalkerweerd

Summary
The crew departed Tuscaloosa this morning after a successful D08 collection campaign, heading back to Boulder CO. Inclement weather along the majority of the route to Colorado has been a challenge today, and will be again tomorrow. The crew made it to Topeka KS tonight and is safely tucked into our hangar at Forbes Field and attached to our power plug. Survey power to the payload needed to be disconnected several times briefly during todays flights, but with the assistance of the UPS the system never went offline. The plan is to arrive into the Boulder area tomorrow afternoon. It’s looking likely that we will have to land at KBJC in Broomfield, but that will be weather dependent when we arrive in the area.

Concerns
-Weather along the transit route could alter the transit plan.

Comments
-All collection flight data sets for D08 were extracted before the crew left Tuscaloosa.  
-Raid 2021_P3C1_05 will be shipped tomorrow.

Daily Coverage
None

Flight Screenshots
None
Departing Tuscaloosa, AL early this morning. Pic by Abe M.

On route to Tulsa OK.

Blanket of clouds in all directions. Pic by Abe M.

Pilots danced through the heavy weather. Pic by Pilot Steve B.
Cumulative Domain Coverage

D08 | DELA (Dead Lake)

Flown: 100% (35/35)
Green: 100% (35/35)
Yellow: 0% (0/35)
Red: 0% (0/35)

D08 | LENO (Lenoir Landing)

Flown: 100% (26/26)
Green: 65% (17/26)
Yellow: 8% (2/26)
Red: 27% (7/26)

D08 | TALL (Talladega National Forest)

Flown: 100% (26/26)
Green: 100% (26/26)
Yellow: 0% (0/26)
Red: 0% (0/26)

Weather Forecast

Topeka, KS

Boulder, CO

Flight Collection Plan for May 2021
Transit to Boulder CO
Crew: Abe, Cam