Date: 2021-09-11
Flight Campaign ID: P3C1
Airport, FBO ID, City: Scottsdale Airport (KSDL) - Scottsdale, AZ
Aircraft: N615AR

Domain: Cottonwood AA Project (CTWD)
Sites Flown: Transit to Scottsdale
Days left in Domain: TBD

Report Author: Abe Morrison
Lidar Operators: Abe Morrison  Flight Hours: 01:00
Spectrometer Operators: Matt Devoe  Hours until maintenance: 27.37
Pilots: Will Mathews, Scott Hayward

Summary
The crew departed D14 in Tucson this morning and transited to Scottsdale AZ for the Cottonwood Assignable Asset Project. The weather looks favorable for a flight over the Yuma loop tomorrow (Sunday), and for the Auga Fria loop on Monday.

Concerns
High air temps on the ground will have the crew monitoring the equipment and themselves for signs of heat stress.

Comments
GPS 06 was deployed at the FBO at KSDL.

Cumulative Domain Coverage

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Weather Forecast

Parker Strip, AZ (Yuma North Flight Box)

Yuma, AZ (Yuma South Flight Box)

Scottsdale, AZ (Agua Fria South Flight Box)
Camp Verde, AZ (Agua Fria North Flight Box)

Cloud Cover (%) | Chance of Precip. (%)
--- | ---
Sunny | 0 In
Mostly Sunny | 0 In
Mostly Sunny | 0 In
Sunny | 0 In

source: wunderground.com

Flight Collection Plan for September 2021

Flyority 1
Collection Area: Yuma 500m Flight Box South Flight Plan
Flight Plan Name: D14_CTWD_YUMA_FB_S_500m_v2
Solar Angle Time: 16:40 UTC

Flyority 2
Collection Area: Yuma 1000m Flight Line Flight Plan
Flight Plan Name: D14_CTWD_YUMA_FL_1000m_v1
Solar Angle Time: 16:40 UTC

Flyority 3
Collection Area: Yuma 1000m Flight Box North Flight Plan
Flight Plan Name: D14_CTWD_YUMA_FB_N_1000m_v3
Solar Angle Time: 16:40 UTC

Flyority 4
Collection Area: Agua Fria 1000m Flight Line Flight Plan
Flight Plan Name: D14_CTWD_AguaFria_FL_1000m_v1
Solar Angle Time: 16:40 UTC

Flyority 5
Collection Area: Agua Fria 500m Flight Box South Flight Plan
Flight Plan Name: D14_CTWD_AguaFria_FBS_500m_v1
Solar Angle Time: 16:40 UTC

Flyority 6
Collection Area: Agua Fria 500m Flight Box North Flight Plan
Flight Plan Name: D14_CTWD_AguaFria_FBN_1000m_v1
Solar Angle Time: 16:40 UTC

Crew: Abe Morrison, Matt DeVoe