Payload 3 Daily Flight Report

Date: 2021-09-01  
Flight Campaign ID: P3C1  
Airport, FBO ID, City: Tucson International Airport (KTUS) - Tucson, AZ  
Aircraft: N615AR

Domain: 14 (Desert Southwest)  
Sites Flown: None  
Days left in Domain: 7

Report Author: Abe Morrison  
Lidar Operators: Abe Morrison  
Spectrometer Operators: Elissa Barris  
Pilots: Stephen Brawders, Will Mathews  
Flight Hours: 00:00  
Hours until maintenance: 40.83

Summary  
Thunderstorms and low clouds again kept the crew on the ground today. No collections were made.

Concerns  
None

Comments  
-The mercury lamp test was conducted today.  
-The failed Midas 1 disc in disc set 1 was replaced today. Disc set 1 has been put back into the flight rotation. The failed disc will be shipped back to HQ and sent on to a data recovery service to see if it can be magicalized back to life and any data recovered.

Cumulative Domain Coverage

D14|JORN_P1 (Jornada Priority 1)  
| 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 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
Flown: 100% (34/34)  
Green: 100% (34/34)  
Yellow: 0% (0/34)  
Red: 0% (0/34)

D14|JORN_P2 (Jornada Priority 2)  
| 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 |
| 55 |
Flown: 14% (3/21)  
Green: 10% (2/21)  
Yellow: 5% (1/21)  
Red: 0% (0/21)
D14|SRER_P1 (Santa Rita Experimental Range Priority 1 )

Flown: 100% (40/40)
Green: 100% (40/40)
Yellow: 0% (0/40)
Red: 0% (0/40)

D14|SRER_P2 (Santa Rita Experimental Range Priority 2)

Flown: 79% (19/24)
Green: 79% (19/24)
Yellow: 0% (0/24)
Red: 0% (0/24)

D14|SRER_P3 (Santa Rita Experimental Range Priority 3 )

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

Weather Forecast
Vail, AZ (SRER)

Hatch, NM (JORN)

source: wunderground.com
Flight Collection Plan for 2 September 2021

Flyority 1
Collection Area: Santa Rita Experimental Range (SRER) – Priority 2 Flight Box
Lines 42-46
Flight Plan Name: D14_SRER_C1_P2_v5_Q780
On-station Time: 16:10 UTC / 09:10 L

Flyority 2
Collection Area: Santa Rita Experimental Range (SRER) – Priority 3 Flight Box
Flight Plan Name: D14_SRER_C1_P3_v5_Q780
On-station Time: 16:10 UTC / 09:10 L

Flyority 3
Collection Area: Jornada (JORN) – Priority 2 Flight Box
Lines 38-55
Flight Plan Name: D14_JORN_R1_P2_v4_Q780
On-station Time: 16:00 UTC / 09:00 L

Crew: Abe and Elissa