

Payload 1 Daily Flight Report



Date: 2022-08-26 Flight Campaign ID: P1C1 Airport, FBO ID, City: Tucson International Airport - Tucson, AZ Aircraft: N331AR

Domain: 14 (Desert Southwest) Sites Flown: None Days left in Domain: 16

Report Author: MitchLidar Operators: MitchFlight Hours: 00:00Spectrometer Operators: ElissaHours until maintenance: 48.27Pilots: Vince, Jeremy

Summary

Payload continues to pump & cool, and is on track for Sunday to be the first eligible day of flights here in D14.

Concerns

During full system start up yesterday, the Lakeshore unit failed to boot properly. Power was cycled on the Eaton ECS power strip, after which it booted as expected.

Comments

Next Thursday tentatively scheduled for payload tour with Domain 14 staff.

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
-	-	22		25	-		Ŭ	5	-0					10	-0		10		
21	22	23	24	25	26]													
Flown																			
Green	: 0%	(0/26)																	
Yellow	<i>ı</i> : 0%	(0/26)																
Red:																			

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																			
Flowr	n: 0%	(0/21)																	

Green: 0% (0/21) Yellow: 0% (0/21) Red: 0% (0/21)

D14|N14A (D14 Nominal Runway)

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

Red: 0% (0/1)

D14|SRER_P1 (Santa Rita Experimental Range 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	35	36	37	38	39	40
Flown	: 0%	(0/40)																	

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

D14|SRER_P2 (Santa Rita Experimental Range Priority 2)

41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64																
Flown		• • •																	
Green																			
Yellow	<i>ı</i> : 0%	(0/24)																
Red:	0% (0,	/24)																	

D14|SRER_P3 (Santa Rita Experimental Range Priority 3)

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90														
Flown	: 0%	(0/26)																	
Green	: 0%	(0/26)																	
Yellov	/: 0%	(0/26))																
Red:	0% (0,	/26)																	

Weather Forecast

Tucson, AZ (FBO & SRER)

Sat 8/27	Sun 8/28	Mon 8/29	Tue 8/30	Wed 8/31	Thu 9/1	Fri 9/2
97° 74°F	96° 74°F	99° 76°F	103° 77°F	101° 76°F	100° 75°F	99° 75°F
Mostly Sunny 0 in	Mostly Sunny 0 in	Sunny 0 in	Mostly Sunny 0 in	Sunny 0 in	Mostly Sunny 0 in	Mostly Sunny 0 in
• • • • •	•	•	• •	•	• •	• • •
M						
		\frown				

Hatch, NM (JORN	1)					
Sat 8/27	Sun 8/28	Mon 8/29	Tue 8/30	Wed 8/31	Thu 9/1	Fri 9/2
91° 67°F	94° 69°F	97° 69°F	94° 67°F	90° 66°F	<mark>89° 65°F</mark>	<mark>89° 65</mark> °F
*	*	*	1111	×	*	
Mostly Sunny	Mostly Sunny	Sunny	PM	Partly Cloudy	Mostly Sunny	Sunny
			Thunderstorms			
🛛 0 in	🖉 0 in	🖉 0 in	🥑 0.05 in	🖉 0 in	🖉 0 in	🛛 0 in

	Cloud Cover (%)	Chance of Precip. (%)

source: wunderground.com

Flight Collection Plan for August 27 2022

Continue pumping and cooling of system

Crew: Elissa, Mitch

Flight Collection Plan for August 28 2022

Flyority 1 Collection Area: Jornada (JORN) – Priority 1 Flight Box– Priority 1 Box Flight Plan Name: D14_JORN_R1_P1_v5_PRM.xml 35° On-station Time: 15:40 UTC / 09:40 MDT / 8:40 MST

Flyority 2

Collection Area: Santa Rita Experimental Range (SRER) – Priority 1 Box Flight Plan Name: D14_SRER_C1_P1_v6_PRM.xml 40° On-station Time: 16:20 UTC / 09:20 MST

Flyority 3 Collection Area: Santa Rita Experimental Range (SRER) – Priority 2 Box Flight Plan Name: D14_SRER_C1_P1_v6_PRM.xml 40° On-station Time: 16:20 UTC / 09:20 MST

Flyority 4 Collection Area: Santa Rita Experimental Range (SRER) – Priority 3 Box Flight Plan Name: D14_SRER_C1_P1_v6_PRM.xml 40° On-station Time: 16:20 UTC / 09:20 MST

Flyority 5 Collection Area: Jornada (JORN) – Priority 2 Flight Box Flight Plan Name: D14_JORN_R1_P1_v5_PRM.xml 35° On-station Time: 15:40 UTC / 09:40 MDT / 8:40 MST Flyority 6 Collection Area: Nominal Runway – D14 Flight Plan Name: D14_N14A_Nominal_Runway_Test_v1_PRM On-station Time: N/A