



## August 29, 2018 Payload 3 Daily Flight Report



**Date:** 2018-08-29

**Flight Campaign ID:** 2018\_P3C1

**Airport, FBO ID, City:** Tucson International Airport (KTUS) - Tucson, AZ

**Domain:** 14

**Sites Flown:** SRER\_P3 (Santa Rita Experimental Range Priority 3 )

**Days left in Domain:** 3

**Report Author:** Abe Morrison

**Flight Crew:** Abe Morrison, Mitch Haynes

**Ground/GPS:** Robb Walker

**Pilots:** Stephen Brawders, Hans Germann

**Additional Personnel:**

**GPS Instruments:** 11 - FBO\_KTUS, 12 - SRER

**Flight Hours:** 03:37

**Hours until maintenance:** 97.45

### Summary

With some high thin clouds the flight crew collected the P3 box at the SRER under red sky conditions. 26 lines were collected.

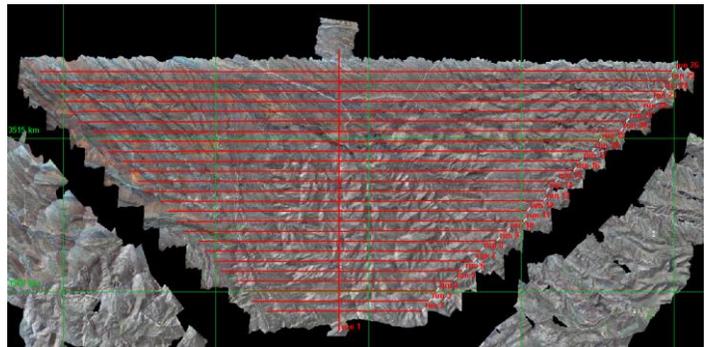
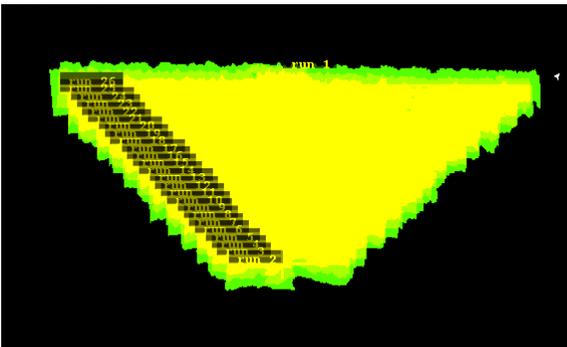
### Concerns

--None

### Comments

--Abe Morrison will rotate out and Cameron Chapman will come in tomorrow.

### Flight Screenshots



**Pictures**



Photo By Mitch Haynes

**Daily Coverage**

D14 SRER_P3	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	2				✓	✓	✓	NLC
	3				✓	✓	✓	NLC
	4				✓	✓	✓	NLC
	5				✓	✓	✓	NLC
	6				✓	✓	✓	NLC
	7				✓	✓	✓	NLC
	8				✓	✓	✓	NLC
	9				✓	✓	✓	NLC
	10				✓	✓	✓	NLC
	11				✓	✓	✓	NLC
	12				✓	✓	✓	NLC
	13				✓	✓	✓	NLC
	14				✓	✓	✓	NLC
	15				✓	✓	✓	NLC
	16				✓	✓	✓	NLC
	17				✓	✓	✓	NLC
	18				✓	✓	✓	NLC
	19				✓	✓	✓	NLC
	20				✓	✓	✓	NLC
	21				✓	✓	✓	NLC
	22				✓	✓	✓	NLC
	23				✓	✓	✓	NLC
	24				✓	✓	✓	NLC
	25				✓	✓	✓	NLC
	26				✓	✓	✓	NLC
Flown:	26							

## Cumulative Domain Coverage

### JORN\_P1

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: 0% (0/34)  
 Green: 0% (0/34)  
 Yellow: 0% (0/34)  
 Red: 0% (0/34)

### JORN\_P2

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
21																				

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

### SRER\_P1

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: 100% (40/40)  
 Green: 35% (14/40)  
 Yellow: 35% (14/40)  
 Red: 35% (14/40)

### SRER\_P2

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
21	22	23	24																	

Flown: 100% (24/24)  
 Green: 0% (0/24)  
 Yellow: 25% (6/24)  
 Red: 79% (19/24)

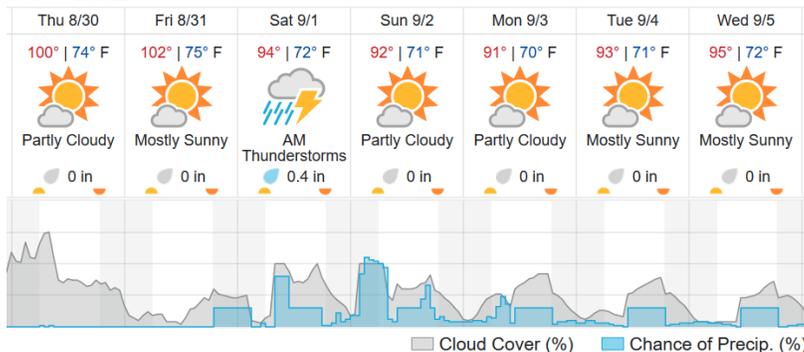
### SRER\_P3

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

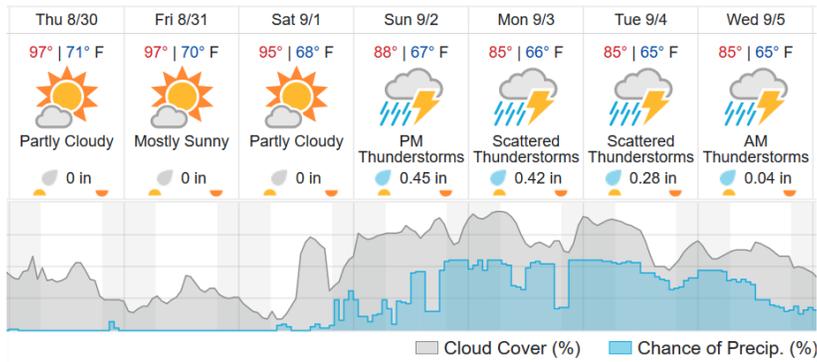
## Weather Forecast

### Tucson AZ



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

## Las Cruces NM



### Flight Collection Plan for 30 August 2018

Scheduled no fly day. No flights planned

### Flight Collection Plan for 31 August 2018

#### **Flyority 1** (Flight Priority 1): ***If Green Sky Conditions***

Collection Area: Santa Rita Experimental Range (SRER) – Priority 1 Flight Box

Flight Plan Name: D14\_SRER\_C1\_P1\_v4\_Q780

On-Station Time: 16:10 UTC / 09:10 L

#### **Flyority 2** (Flight Priority 2): ***If Green Sky Conditions***

Collection Area: Santa Rita Experimental Range (SRER) – Priority 2 Flight Box

Flight Plan Name: D14\_SRER\_C1\_P2\_v4\_Q780

On-Station Time: 16:10 UTC / 09:10 L

#### **Flyority 3** (Flight Priority 3): ***If Green Sky Conditions***

Collection Area: Santa Rita Experimental Range (SRER) – Priority 3 Flight Box

Flight Plan Name: D14\_SRER\_C1\_P3\_v4\_Q780

On-Station Time: 16:10 UTC / 09:10 L

#### **Flyority 4** (Flight Priority 4):

Collection Area: Jornada (JORN) – Priority 1 Flight Box

Flight Plan Name: D14\_JORN\_R1\_P1\_v3\_Q780

On-Station Time: 16:00 UTC / 10:00 L

#### **Flyority 5** (Flight Priority 5):

Collection Area: Jornada (JORN) – Priority 2 Flight Box

Flight Plan Name: D14\_JORN\_R1\_P2\_v1\_Q780

On-Station Time: 16:00 UTC / 10:00 L

#### **Flyority 6** (Flight Priority 6):

ReFly Lines 25-27 of SRER P1 Flight Box for Lidar coverage gaps.

Crew: Robb Walker (Lidar), Cameron Chapman (NIS), Mitch Haynes (Ground)