



March 24, 2019 Payload 2 Daily Flight Report



Date: 2019-03-24

Flight Campaign ID: 2019_P2C1

Airport, FBO ID, City: Fresno Yosemite International Airport (KFAT) - Fresno, CA

Domain: 17

Sites Flown: N17A (D17 Nominal Runway), SJER (San Joaquin Ecological Range)

Days left in Domain: 4

Report Author: Cameron Chapman

Flight Crew: Cameron Chapman, Mitch Haynes

Ground/GPS: Ivana Vu

Pilots: Mike Francis, Micah Hoogveen

Additional Personnel:

GPS Instruments: 02 - FBO_KFAT, U-P725

Flight Hours: 01:46

Hours until maintenance: 99.92

Summary

The weather is forecasted to be cloudy all week, so the crew took to the sky and completed 9 lines over the airshed before the cumulus clouds developed under the survey altitude. The D17 Nominal Runway flight plan was also completed.

Concerns

Tower camera for D17 has unknown connectivity issues.

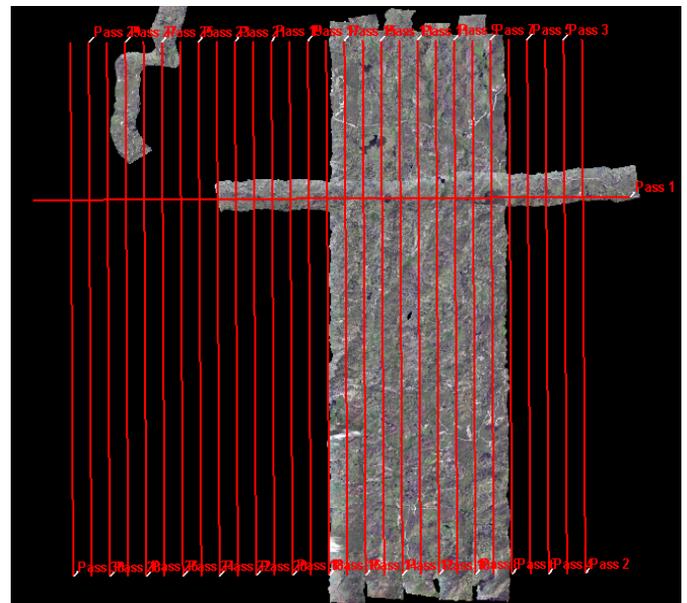
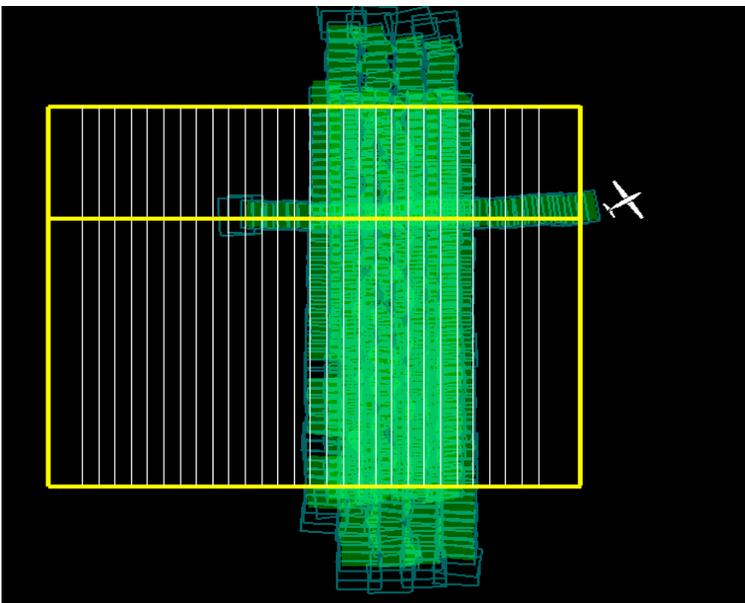
Comments

- Completed 9 lines over Airshed
- Deployed GPS 2 at FBO
- Completed D17 Nominal Runway

Flight Screenshots

Lidar

NIS



Pictures



Photos Above and Below were acquired while flying over the San Joaquin Ecological Range today



Daily Coverage

D17 N17A	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
Flown:	1							
D17 SJER	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	7				✓	✓	✓	NLC
	8				✓	✓	✓	NLC
	9				✓	✓	✓	NLC
	10				✓	✓	✓	NLC
	11				✓	✓	✓	NLC
	12				✓	✓	✓	NLC
	13				✓	✓	✓	NLC
	14				✓	✓	✓	NLC
	15				✓	✓	✓	NLC
Flown:	10							

Cumulative Domain Coverage

N17A



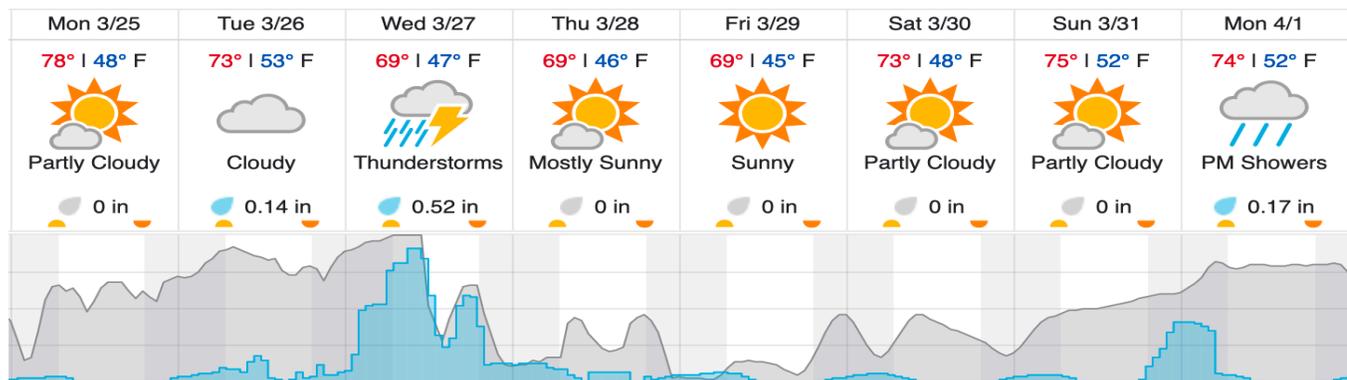
Flown: 100% (1/1)
 Green: 0% (0/1)
 Yellow: 0% (0/1)
 Red: 100% (1/1)

SJER



Flown: 30% (9/30)
 Green: 0% (0/30)
 Yellow: 0% (0/30)
 Red: 30% (9/30)

Weather Forecast



Flight Collection Plan for 25 March 2019

Flyority 1

Collection Area: San Joaquin Experimental Range – Lines (2-6 & 15 – 30) If green Lines (1-30)

Flight Plan Name: D17_SJER_C1_P1_v2

On Station Time: 1040 L / 1740 UTC

Crew: (**Lidar**) Ivana Vu, (**NIS**), Cameron Chapman (**Ground/GPS**) Mitch Haynes

Flight Collection Plan for 26 March 2019

Flyority 1: Same as previous day

Crew: (**Lidar**) Mitch Haynes , (**NIS**), Ivana Vu (**Ground/GPS**) Cameron Chapman