



March 29, 2019 Payload 2 Daily Flight Report



Date: 2019-03-29

Flight Campaign ID: 2019_P2C1

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

Domain: 17

Sites Flown: SJER (San Joaquin Ecological Range)

Days left in Domain: 0

Report Author: Mitch Haynes

Flight Crew: Mitch Haynes, Cameron Chapman

Ground/GPS:

Pilots: Mike Francis, Micah Hoogeveen

Additional Personnel:

GPS Instruments: 02 - FBO_KFAT, U-P725

Flight Hours: 02:22

Hours until maintenance: 93.93

Summary

Decision was made to delay the D03 transit to take advantage of clear skies over Fresno. 16 lines over the TOS and Airshed of SJER were collected under Green conditions before building cumulus clouds pushed sky coverage over the 10% threshold.

Aircraft will now depart for D03 tomorrow morning. To make up for the lost time, plan is to keep the system on during the transit and overnight in Wichita Falls, TX where confirmed power and hangar space is available.

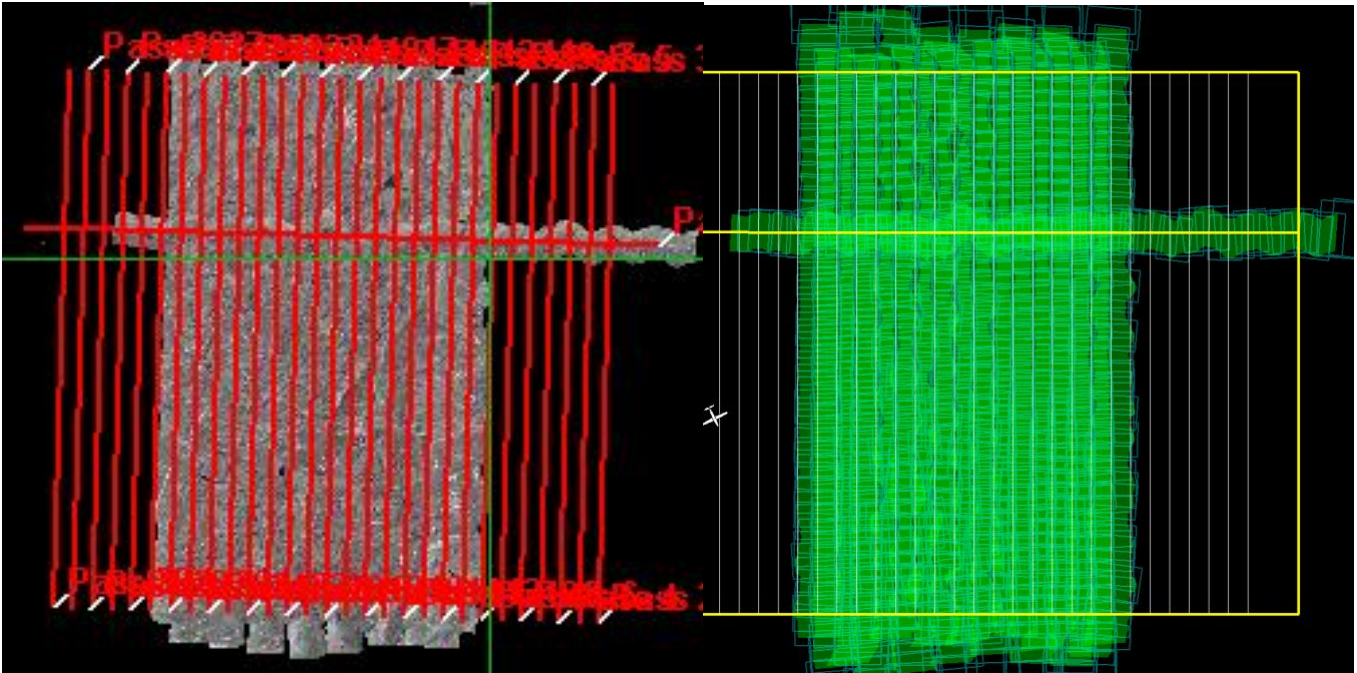
Concerns

None

Comments

- Flight Data from today's flight will be extracted upon arrival in Gainesville. GPS data from GPS 02 at KFAT will also be uploaded to ECS in D03.
- Ivana Vu departed D17 this morning. Abe Morrison installed permanent GPS Basestation at OSBS in D03 today and is awaiting the Otter's arrival. Mitch Haynes will fly commercial to Gainesville from Fresno tomorrow morning. Cam Chapman will transit with the Otter.

Flight Screenshots



Pictures



Above: Clear sky conditions this morning across SJER looking west towards the Sierras.

Daily Coverage

D17 SJER	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	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
Flown:	17							

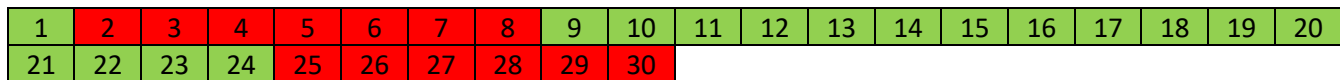
Cumulative Domain Coverage

N17A



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

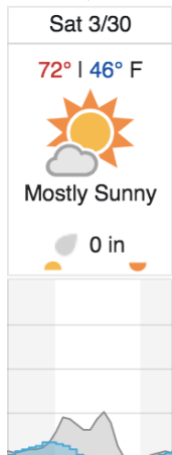
SJER



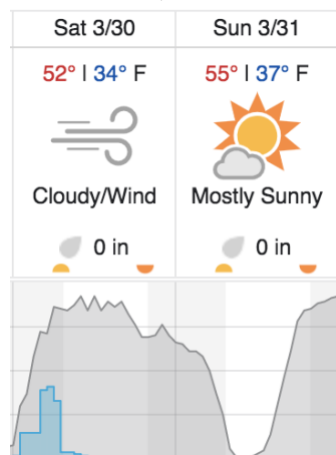
Flown: 100% (30/30)
 Green: 57% (17/30)
 Yellow: 0% (0/30)
 Red: 110% (33/30)

Weather Forecast

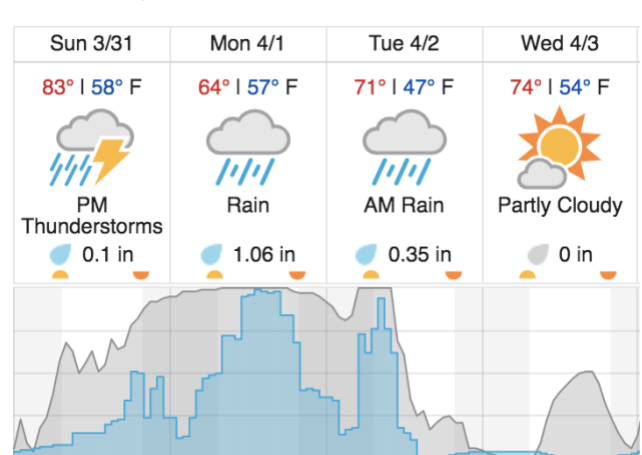
Fresno, CA



Wichita Falls, TX



Gainesville, FL



Flight Collection Plan for 30-31 March 2019

Flyority 1: Transit to D03

Crew: Cameron Chapman