

## June 15, 2018 Payload 2 Daily Flight Report



Date: 2018-06-15 Flight Campaign ID: 2018\_P2C1 Airport, FBO ID, City: Fresno Yosemite International Airport (KFAT) - Fresno, CA

Domain: 17 Sites Flown: TEAK\_P1 (Teakettle Priority 1 ), TEAK\_P2 (Teakettle Priority 2 ) Days left in Domain: 3

Report Author: David Gambino Flight Crew: Michael Wussow, Robb Walker Ground/GPS: David Gambino Pilots: Stephen Brawders, Jeff Quintanilla Additional Personnel: GPS Instruments: 01 - FBO\_KFAT, 02 - TEAK

Flight Hours: 03:56 Hours until maintenance: 26.47

#### Summary

Persistent clear skies allowed for collection of the remainder of TEAK\_P1 and majority of TEAK\_P2 in green conditions. We should be able to finish D17 surveys tomorrow if the weather holds.

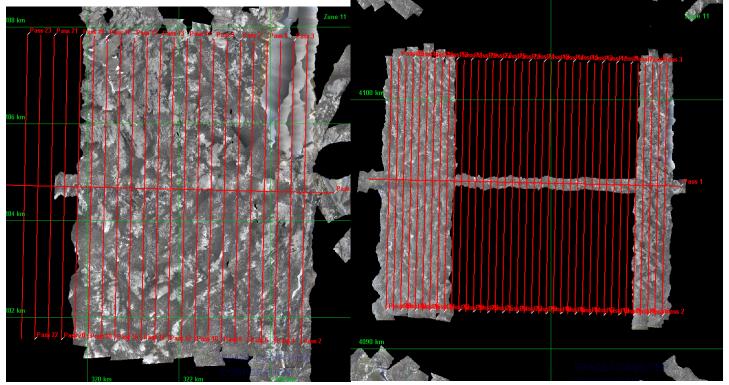
#### Concerns

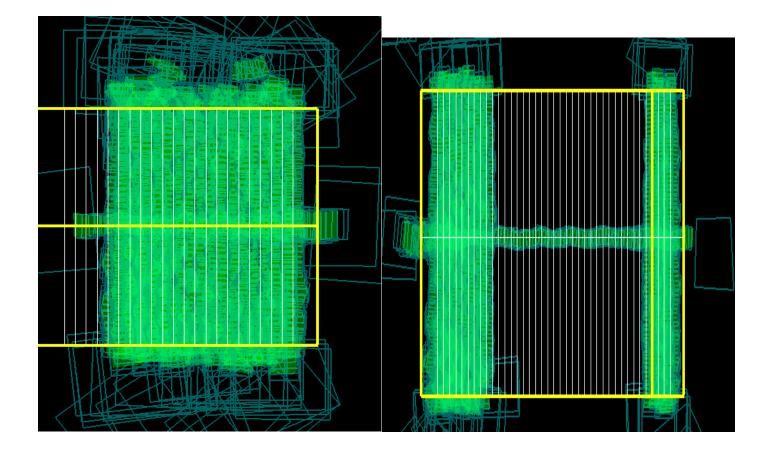
none

#### Comments

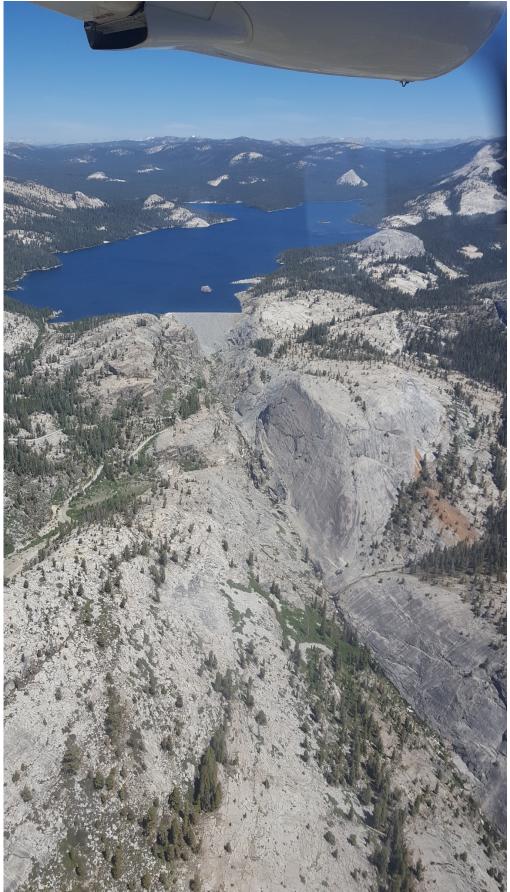
- Cameron departed D17 today
- Completed D17 Hg Lamp test

# Flight Screenshots





### Pictures



## Daily Coverage

D17 TEAK_P1	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	1	1	NLC
	2				1	1	1	NLC
	3				1	1	1	NLC
	4				1	1	1	NLC
	5				✓	1	1	NLC
	32				✓	1	1	NLC
	33				✓	1	1	NLC
	34				✓	1	1	NLC
	35				✓	1	1	NLC
	36				✓	1	1	NLC
	37				✓	1	1	NLC
	38				✓	1	1	NLC
	39				✓	1	1	NLC
	40				✓	1	1	NLC
Flown:	14							
D17 TEAK_P2	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	1	1	NLC
	2				1	1	1	NLC
	3				✓	1	1	NLC
	4				✓	1	1	NLC
	5				✓	1	1	NLC
	6				✓	1	1	NLC
	7				✓	1	1	NLC
	8				✓	1	1	NLC
	9				✓	1	1	NLC
	10				✓	1	1	NLC
	11				✓	1	1	NLC
	12				✓	1	1	NLC
	13				✓	1	1	NLC
	14				✓	1	1	NLC
	15				✓	1	1	NLC
	16				✓	1	1	NLC
	17				✓	×	1	NC
Flown:	17							

## **Cumulative Domain Coverage**

N17A

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

SOAP

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
41																			

1

Flown: 100% (41/41) Green: 100% (41/41) Yellow: 0% (0/41) Red: 0% (0/41)

#### TEAK\_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:	102%	(41/40)																	
Yellow	: 0% (0	0/40)																	
Red: 0	0% (0/4	0)																	

## TEAK\_P2

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23																	
Flown:	78% (1	8/23)	-																
Green:	78% (1	8/23)																	
Yellow:	0% (0	/23)																	
Red: 0	% (0/23	3)																	
TEAK	P3																		

I LAN																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Flown																		
Green																		
Yellow			)															
Red:	0% (0/	/19)																

#### Weather Forecast

## Fresno, CA

Sat 6/16	Sun 6/17	Mon 6/18	Tue 6/19	Wed 6/20
91°   57° F	82°   57° F	89°   63° F	95°   68° F	101° l 69° F
Sunny	Partly Cloudy	Sunny	Sunny	Sunny
🖉 0 in	🖉 0 in	● 0 in _8	PM 0 in	🖉 0 in
	Δ			
		00		$\sim$
		09	/o	

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

Shaver	Lake,	CA
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Sat 6/16	Sun 6/17	Mon 6/18	Tue 6/19	Wed 6/20
68°   45° F	59°   46° F	67°   50° F	75°   55° F	82°   56° F
Sunny	Sunny	Sunny	Sunny	Sunny
/ 0 in	🥑 0 in	🥑 0 in	🥑 0 in	/ 0 in
	$\wedge$	~		

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

## Flight Collection Plan for 15 and 16 June 2018

Collection area: Teakettle (TEAK) – Priority Flight 2 Flight Box Flight Plan Name: D17\_TEAK\_R2\_P2\_v3.pln On-station Time: 1620 UTC / 0920 L Lines 1-18 completed green

Collection area: Teakettle (TEAK) – Priority Flight 3 Flight Box Flight Plan Name: D17\_TEAK\_R2\_P3\_v3.pln On-station Time: 1620 UTC / 0920 L

Crew: Lidar- Michael Wussow, NIS-David Gambino, Ground- Robb Walker