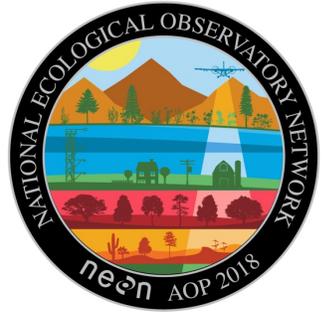




June 14, 2018 Payload 2 Daily Flight Report



Date: 2018-06-14

Flight Campaign ID: 2018_P2C1

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

Domain: 17

Sites Flown: N17A (D17 Nominal Runway), TEAK_P1 (Teakettle Priority 1)

Days left in Domain: 4

Report Author: Michael Wussow

Flight Crew: Michael Wussow, David Gambino

Ground/GPS: Cameron Chapman

Pilots: Stephen Brawders, Jeff Quintanilla

Additional Personnel:

GPS Instruments: 01 - FBO_KFAT, 02 - TEAK

Flight Hours: 03:38

Hours until maintenance: 30.40

Summary

Persistent sunny skies allowed for the collection of all priority lines of the Priority 1 Teakettle Survey Box. 27 of 40 lines were completed along with the nominal runway.

Concerns

-An error concerning "inconsistency" within the database caused numerous backups of backup versions to be created. It is thought that this may have stemmed from a conflicted copy that was created during yesterday's flight. It appeared that someone was remotely logged into the telemetry laptop during flight. We would ask that this try to be avoided. An older version has been updated and the database has been restored.

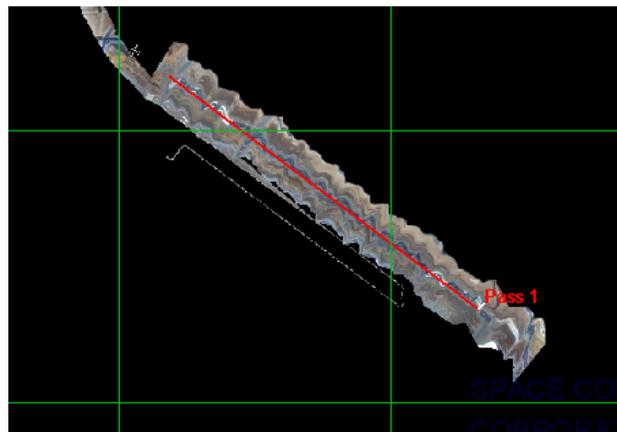
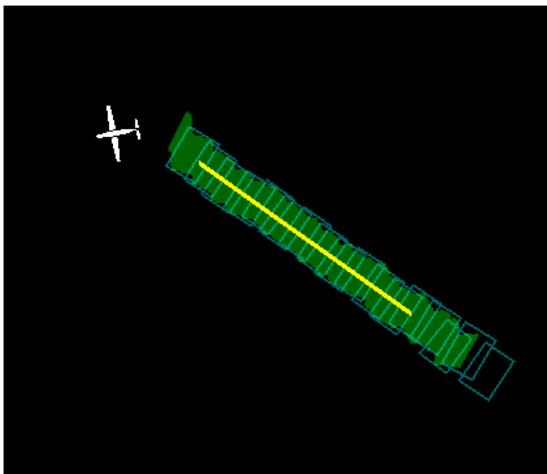
Comments

-Robb Walker has arrived in Fresno.

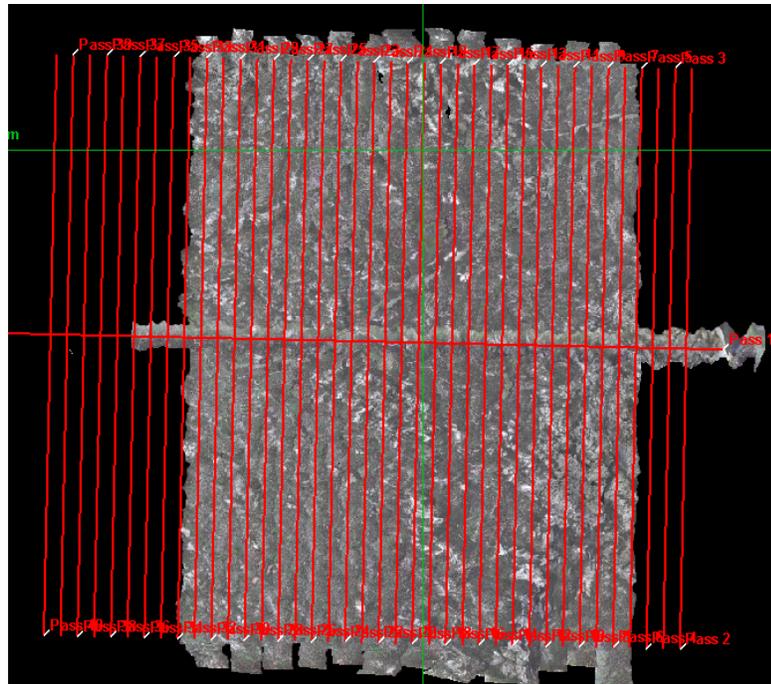
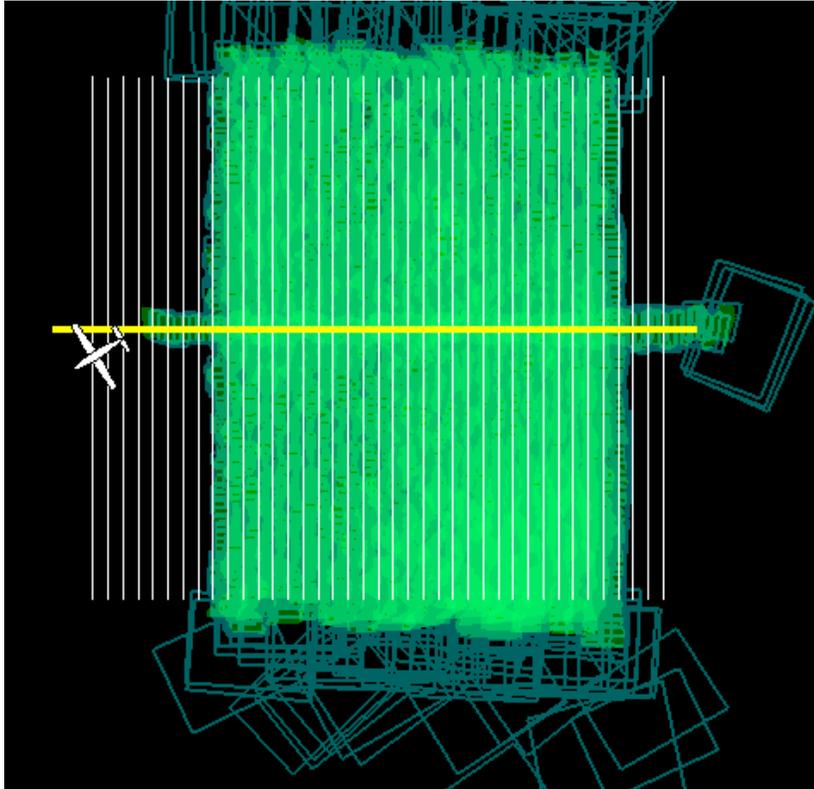
-Cameron Chapman will depart for Boulder tomorrow.

Flight Screenshots

N17C



TEAK_P1



Pictures



Wishon Reservoir, CA

Daily Coverage

D17 N17A	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
Flown:	1							
D17 TEAK_P1	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	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
	27				✓	✓	✓	NLC
	28				✓	✓	✓	NLC
	29				✓	✓	✓	NLC
	30				✓	✓	✓	NLC
	31				✓	✓	✓	NLC
Flown:	27							

Cumulative Domain Coverage

N17A

1

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																			

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: 68% (27/40)

Green: 68% (27/40)

Yellow: 0% (0/40)

Red: 0% (0/40)

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: 0% (0/23)

Green: 0% (0/23)

Yellow: 0% (0/23)

Red: 0% (0/23)

TEAK_P3

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

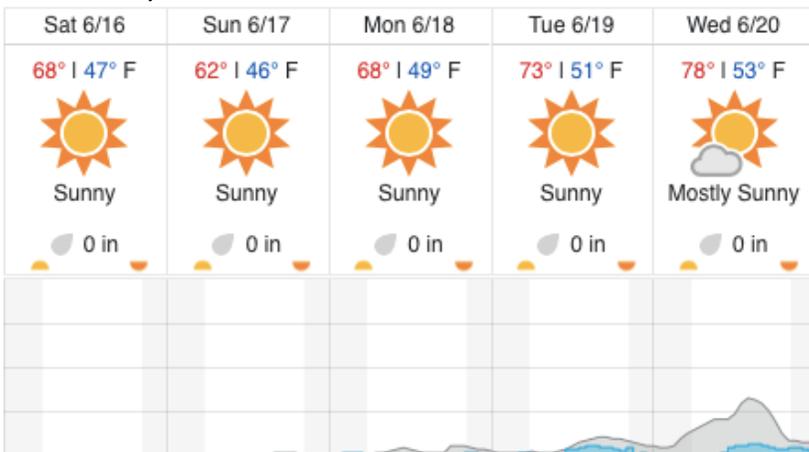
Green: 0% (0/19)

Yellow: 0% (0/19)

Red: 0% (0/19)

Weather Forecast

Shaver Lake, CA



Flight Collection Plan for 15 June 2018

Collection area: Teakettle (TEAK) – Priority Flight 1 Flight Box
Flight Plan Name: D17_TEAK_R2_P1_v3.pln
On-station Time: 1620 UTC / 0920 L
Lines 6-31 completed under green

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

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-Robb Walker, Ground- David Gambino

Flight Collection Plan for 16 June 2018

Collection area: Teakettle (TEAK) – Priority Flight 1 Flight Box
Flight Plan Name: D17_TEAK_R2_P2_v3.pln
On-station Time: 1620 UTC / 0920 L

Collection area: Teakettle (TEAK) – Priority Flight 2 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