



July 20, 2018 Payload 3 Daily Flight Report



Date: 2018-07-20

Flight Campaign ID: 2018_P3C1

Airport, FBO ID, City: Bozeman Yellowstone International Airport (KBZN) - Belgrade, MT

Domain: 12

Sites Flown: YELL (Yellowstone Northern Range)

Days left in Domain: 4

Report Author: Abe Morrison

Flight Crew: Abe Morrison, Robb Walker

Ground/GPS: Cameron Chapman

Pilots: Grant Frost, Gina Moore

Additional Personnel:

GPS Instruments: 09 - FBO_KBZN, U-MAWY, U-P720

Flight Hours: 04:11, 2:30

Hours until maintenance: 31.18

Summary

The bears, bison, and tourists were all looking up and cheering today as the crew hammered out 37 lines over Yellowstone!! All lines were collected under green sky conditions. Two flights were made with a fuel stop in between, for a total flight time of 6:41.

Concerns

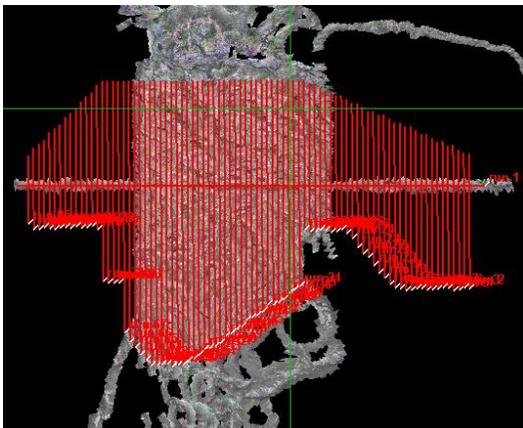
**We were not able to start the extraction of this flight because the D: drive is full on the hotel kit. All flights that have been reported on servicenow as ready to delete, have previously been removed. We are at a standstill on extractions until we are able to remove flights from the D: drive.

Comments

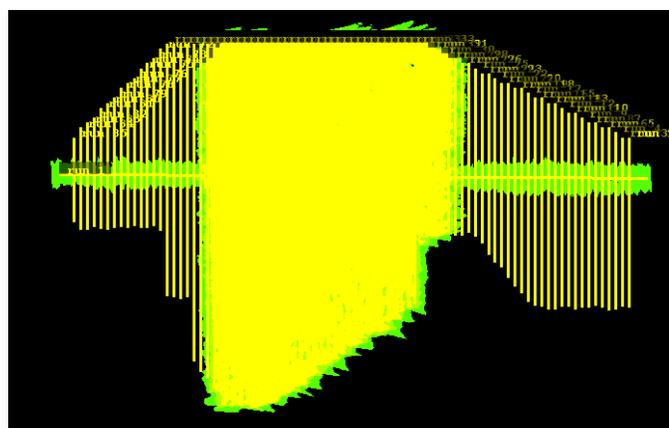
- Lines 1, and 29 through 64 were collected today under green sky conditions.
- GPS 9 was set up this morning at the FBO

Flight Screenshots

NIS



LIDAR



Daily Coverage

D12 YELL	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	29				✓	✓	✓	NLC
	30				✓	✓	✓	NLC
	31				✓	✓	✓	NLC
	32				✓	✓	✓	NLC
	33				✓	✓	✓	NLC
	34				✓	✓	✓	NLC
	35				✓	✓	✓	NLC
	36				✓	✓	✓	NLC
	37				✓	✓	✓	NLC
	38				✓	✓	✓	NLC
	39				✓	✓	✓	NLC
	40				✓	✓	✓	NLC
	41				✓	✓	✓	NLC
	42				✓	✓	✓	NLC
	43				✓	✓	✓	NLC
	44				✓	✗	✓	NC
	45				✓	✓	✓	NLC
	46				✓	✓	✓	NLC
	47				✓	✓	✓	NLC
	48				✓	✓	✓	NLC
	49				✓	✓	✓	NLC
	50				✓	✓	✓	NLC
	51				✓	✓	✓	NLC
	52				✓	✓	✓	NLC
	53				✓	✓	✓	NLC
	54				✓	✓	✓	NLC
	55				✓	✗	✓	NC
	56				✓	✓	✓	NLC
	57				✓	✓	✓	NLC
	58				✓	✓	✓	NLC
	59				✓	✓	✓	NLC
	60				✓	✓	✓	NLC
	61				✓	✓	✓	NLC
	62				✓	✓	✓	NLC
	63				✓	✓	✓	NLC
	64				✓	✓	✓	NLC
Flown:	37							

Cumulative Domain Coverage YELL

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	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
81	82	83	84	85															

Flown: 100% (85/85)

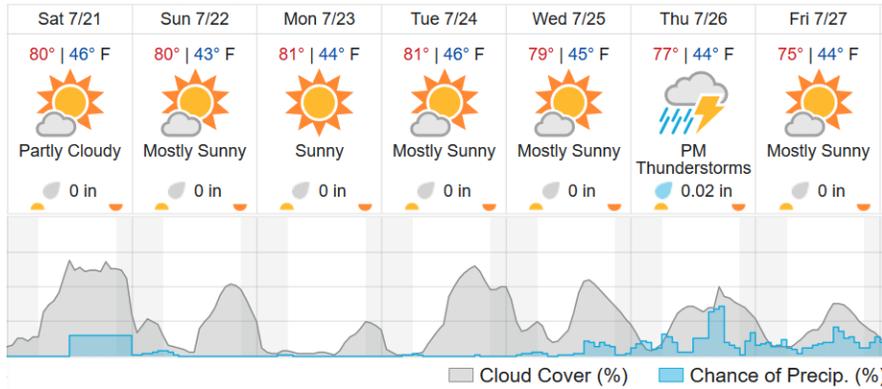
Green: 60% (51/85)

Yellow: 44% (37/85)

Red: 44% (37/85)

Weather Forecast

Gardiner, MT (YELL)



Flight Collection Plan for 21 July 2018

Flyority 1 (Flight Priority 1):

Collection Area: Yellowstone Northern Range (YELL) Lines 4-28, 65-71, 83-85 *If Green sky conditions*

Flight Plan Name: D12_YELL_C1_P1_v2_Q780

On-Station Time: 15:55 UTC / 0955 L:

Crew: Cameron Chapman (Lidar), Abe Morrison (NIS), Robb Walker (Ground)

Flight Collection Plan for 22 July 2018

Flyority 1 (Flight Priority 1):

Collection Area: Yellowstone Northern Range (YELL) Lines 4-28, 65-71, 83-85 *If Green sky conditions*

Flight Plan Name: D12_YELL_C1_P1_v2_Q780

On-Station Time: 15:55 UTC / 0955 L:

Crew: Robb Walker (Lidar), Cameron Chapman (NIS), Abe Morrison (Ground)