



July 20, 2019 Payload 1 Daily Flight Report



Date: 2019-07-20

Flight Campaign ID: 2019_P1C1

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

Domain: 12

Sites Flown: YELL (Yellowstone Northern Range)

Days left in Domain: 8

Report Author: John Adler

Flight Crew: John Adler, Mitch Haynes

Ground/GPS: John Adler, Mitch Haynes

Pilots: David Little, Chad Evans

Additional Personnel: None

GPS Instruments: 05 - FBO-KBZN, U-MAWY, U-P720

Flight Hours: 04:12 + 02:38

Hours until maintenance: 86.52

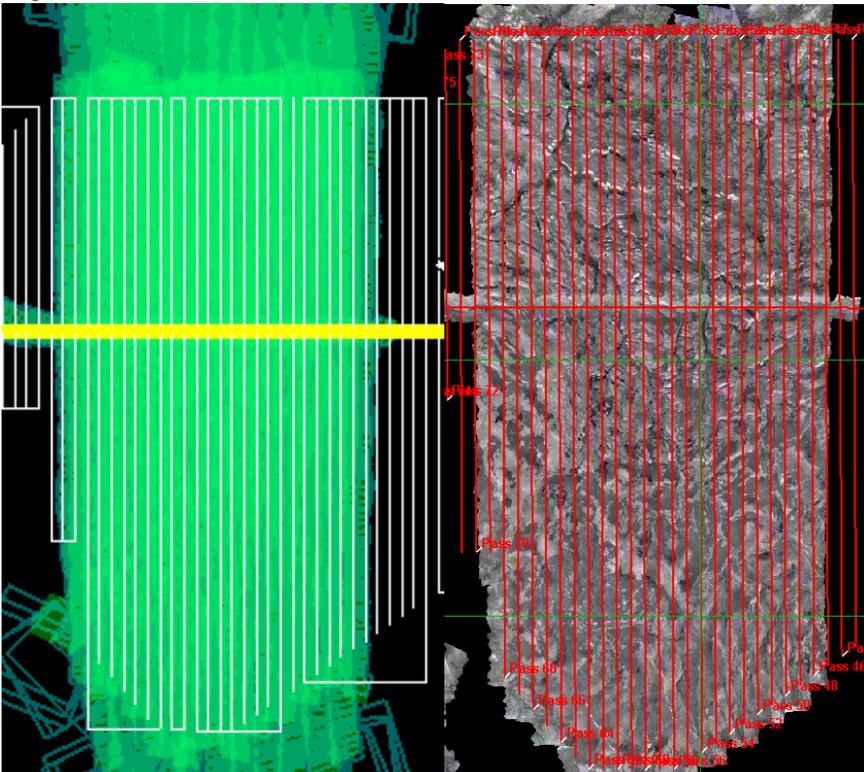
Summary: We took advantage of the excellent weather over the Yellowstone and flew two missions under Green conditions. Excellent support by the Twin Otter pilots the Jet Center FBO allowed for this to happen. Thanks folks!

Concerns: None.

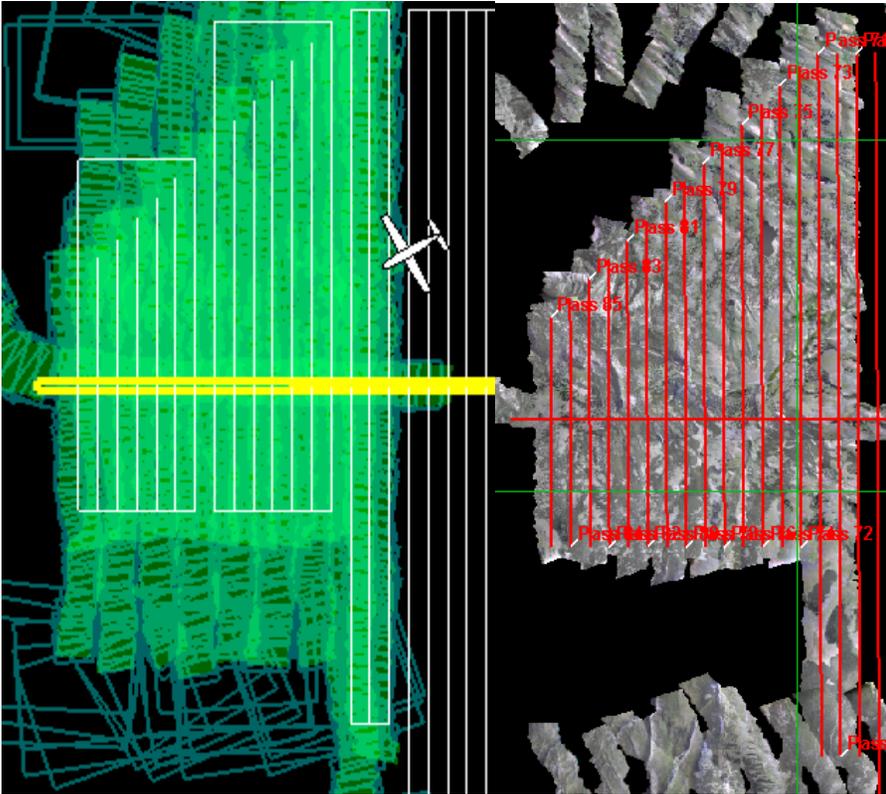
Comments: Pilot David Little leaves tomorrow, with Shelly arriving today as his replacement.

Flight Screenshots:

Flight #1 at YELL



Flight #2 at YELL



Pictures:

The Yellowstone River



Daily Coverage

D12 YELL	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	46				✓	✓	✓	NLC
	47				✓	✓	✓	NLC
	48				✓	✓	✓	NLC
	49				✓	✓	✓	NLC

	50				✓	✓	✓	NLC
	51				✓	✓	✓	NLC
	52				✓	✓	✓	NLC
	53				✓	✓	✓	NLC
	54				✓	✓	✓	NLC
	55				✓	✓	✓	NLC
	56				✓	✓	✓	NLC
	57				✓	✓	✓	NLC
	58				✓	✓	✓	NLC
	59				✓	✓	✓	NLC
	60				✓	✓	✓	NLC
	61				✓	✓	✓	NLC
	62				✓	✓	✓	NLC
	63				✓	✓	✓	NLC
	64				✓	✓	✓	NLC
	65				✓	✓	✓	NLC
	66				✓	✓	✓	NLC
	67				✓	✓	✓	NLC
	68				✓	✓	✓	NLC
	69				✓	✓	✓	NLC
	1				✓	✓	✓	NLC
	70				✓	✓	✓	NLC
	71				✓	✓	✓	NLC
	72				✓	✓	✓	NLC
	73				✓	✓	✓	NLC
	74				✓	✓	✓	NLC
	75				✓	✓	✓	NLC
	76				✓	✓	✓	NLC
	77				✓	✓	✓	NLC
	78				✓	✓	✓	NLC
	79				✓	✓	✓	NLC
	80				✓	✓	✓	NLC
	81				✓	✓	✓	NLC
	82				✓	✓	✓	NLC
	83				✓	✓	✓	NLC
	84				✓	✓	✓	NLC
	85				✓	✓	✓	NLC
Flown:	42							

Cumulative Domain Coverage

N12A

1

Flown: 0% (0/1)

Green: 0% (0/1)

Yellow: 0% (0/1)

Red: 0% (0/1)

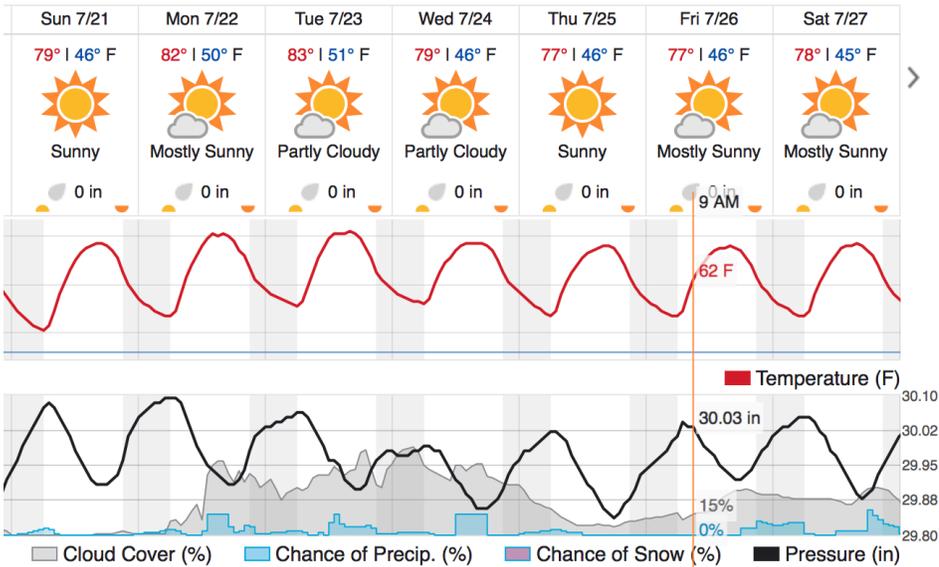
YELL

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: 48% (41/85)
 Green: 48% (41/85)
 Yellow: 0% (0/85)
 Red: 0% (0/85)

Weather Forecast

Yellowstone National Park



Flight Collection Plan for 21 July 2019

Flyority 1 (Flight Priority 1):
 Collection Area: Yellowstone Northern Range (YELL)
 Flight Plan Name: D12_YELL_C1_P1_v4_650AGL_Max.pln
 On-Station Time: 1600 UTC / 1000 L
 Crew: Mitch Haynes (Lidar), John Adler (NIS/GPS)