



July 24, 2018 Payload 2 Daily Flight Report



Date: 2018-07-24

Flight Campaign ID: 2018_P2C1

Airport, FBO ID, City: Deadhorse Airport (PASC) - Deadhorse, AK

Domain: 18

Sites Flown: TOOL (Toolik)

Days left in Domain: 1

Report Author: John Adler

Flight Crew: John Adler, Ivana Vu, None

Flight Hours: 03:15

Ground/GPS: Michael Wussow

Hours until maintenance: 70.88

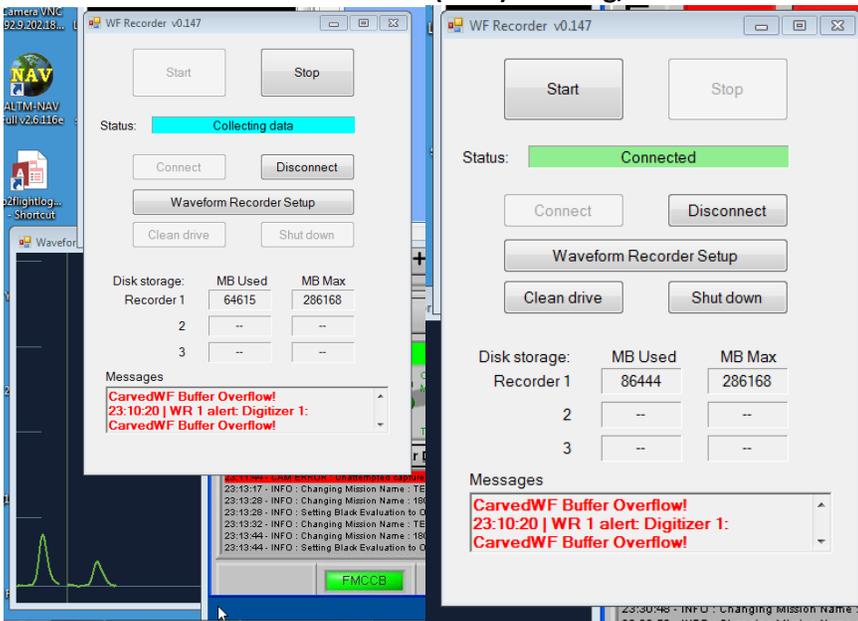
Pilots: Gian Carey, Hans Germann

Additional Personnel: None

GPS Instruments: 02 - FBO_PASC, U-AB45, U-TLK2

Summary: Today cloud cover persisted over Toolik; Barrow was fogged in. Local fog in Deahorse did delay our takeoff, but we were able to complete all lines at Toolik (under Red conditions).

Concerns: The waveform recorder gave this error about 2/3 of the way through the flight. There was no ability to scroll for further information, but the machine was showing the pulses, recording data (apparently) as evidenced by the "collecting data" and the incrementing of the MB Used box. The machine would turn start and stop collections as per normal, so continued collecting with the error showing. **Note: The HotelKit is extracting this flight tonight, then being transferred to Fairbanks tomorrow (Wed) morning, so it will not be immediately available.**



Screen shot 1 during one line.

Screen shot 2 at end of mission.

Comments: Michael Wussow leaves for Fairbanks with the HotelKit Wednesday.

Daily Coverage:

D18 TOOL	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	2				✓	✓	✓	NLC
	23				✓	✓	✓	NLC
	24				✓	✓	✓	NLC
	25				✓	✓	✓	NLC
	26				✓	✓	✓	NLC
	27				✓	✓	✓	NLC
	28				✓	✓	✓	NLC
	29				✓	✓	✓	NLC
	30				✓	✓	✓	NLC
	31				✓	✓	✓	NLC
	32				✓	✓	✓	NLC
	33				✓	✓	✓	NLC
	34				✓	✓	✓	NLC
Flown:	13							

Cumulative Domain Coverage:

BARR_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						

Flown: 66% (23/35)
 Green: 9% (3/35)
 Yellow: 54% (19/35)
 Red: 9% (3/35)

BARR_P2

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

N18A

1

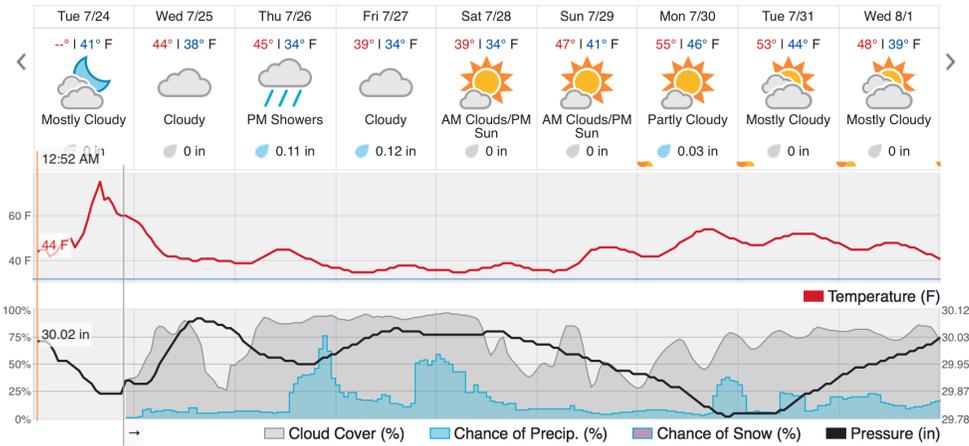
Flown: 100% (1/1)
 Green: 0% (0/1)
 Yellow: 0% (0/1)
 Red: 100% (1/1)

TOOL

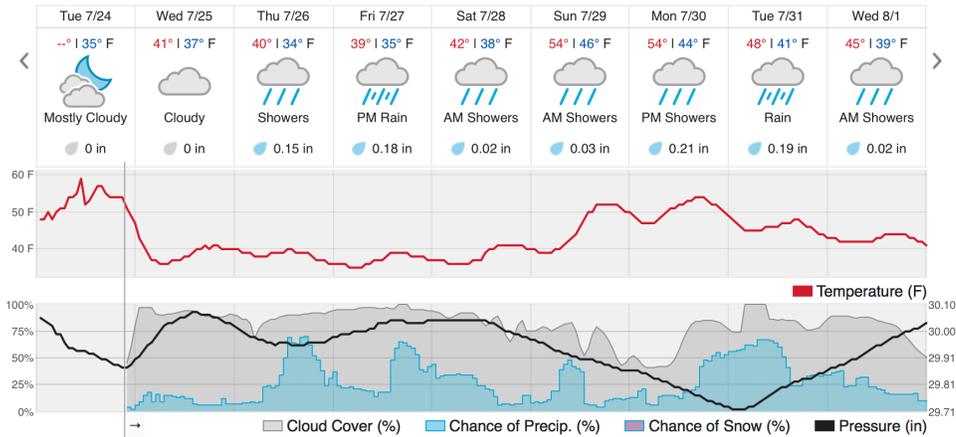
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48												

Flown: 100% (48/48)
 Green: 0% (0/48)
 Yellow: 0% (0/48)
 Red: 106% (51/48)

Weather Forecast Prudhoe Bay, AK (FBO)



Weather Forecast Utqiagvik (Barrow), AK (BARR)



Flight Collection Plan for 25 July 2018

Flyority 1:

Collection Area: Barrow Environmental Observatory – Priority 1 Flight Box (BARR_P1)

Flight Plan Name: D18_BARR_R1_P1_v3.pln

On-station Time: 2030 UTC / 1230 L

Flyority 2:

Collection Area: Barrow Environmental Observatory – Priority 2 Flight Box (BARR_P2)

Flight Plan Name: D18_BARR_R1_P2_v3.pln

On-station Time: 2030 UTC / 1230 L

Crew: Ivana Vu (Lidar), John Adler (NIS)

Flight Collection Plan for 26 July 2018

Aircraft transits to D19 (Fairbanks, AK)