



August 25, 2019 Payload 1 Daily Flight Report



Date: 2019-08-25

Flight Campaign ID: 2019_P1C1

Airport, FBO ID, City: Nashua Airport (KASH) - Nashua, NH

Domain: 01

Sites Flown: BART (Bartlett Experimental Forest)

Days left in Domain: 10

Report Author: Abe Morrison

Flight Crew: Abe Morrison, Elissa Barris

Ground/GPS:

Pilots: Justin Eddington, Wesley Wyatt

Additional Personnel:

GPS Instruments: 05 - FBO_KASH, AOP_BART

Flight Hours: 03:28, 1:56

Hours until maintenance: 41.88

Summary

The skies over Nashua (where the otter is based) were full of clouds this morning, but the tower camera and the forecast told a much more clear tale. The crew took off into IFR conditions and arrived to BART to find clear skies. They collected all 35 lines of this flight box in “green” sky conditions and the cross strip was deemed “yellow” conditions due to some early clouds at the western side of the box that quickly dissipated. This collection was broken into 2 flights with a fuel stop in between at the Laconia Municipal airport. Focus tomorrow will be shifted back to the HARV site as the forecast there looks like clear conditions all day.

Concerns

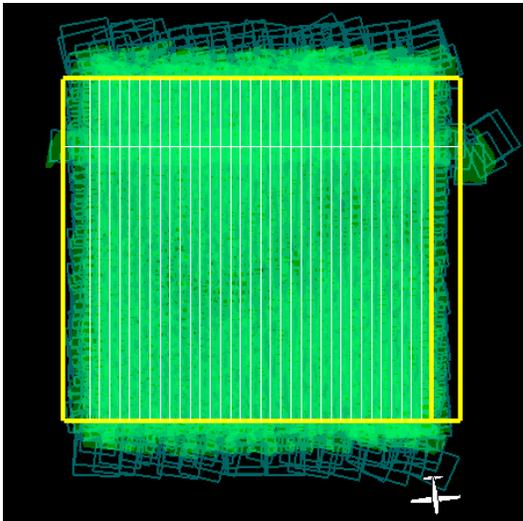
--A POS error popped up at the end of the flight. HQ staff will be consulted on Monday to determine the cause.

Comments

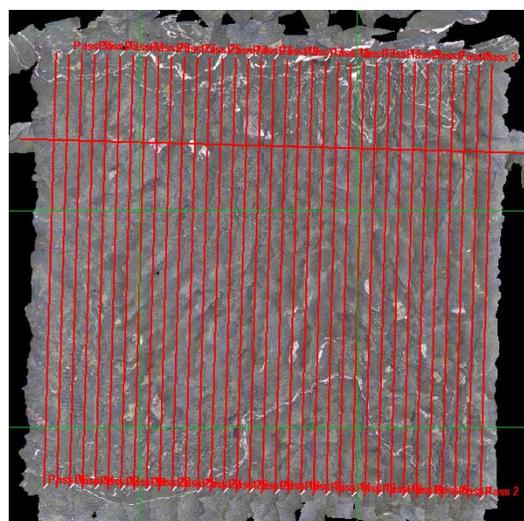
--Pilot Wes Wyatt joined the crew today.

Flight Screenshots

Lidar



NIS



Daily Coverage

D01 BART	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	2				✓	✓	✓	NLC
	3				✓	✓	✓	NLC
	4				✓	✓	✓	NLC
	5				✓	✓	✓	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
	32				✓	✓	✓	NLC
	33				✓	✓	✓	NLC
	34				✓	✓	✓	NLC
	35				✓	✓	✓	NLC
	36				✓	✓	✓	NLC
Flown:	36							

Cumulative Domain Coverage

BART

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				

Flown: 100% (36/36)

Green: 97% (35/36)

Yellow: 3% (1/36)

Red: 0% (0/36)

HARV_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												

Flown: 76% (22/29)
 Green: 76% (22/29)
 Yellow: 21% (6/29)
 Red: 7% (2/29)

HARV_P3

1	2	3	4	5	6	7	8
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Flown: 100% (8/8)
 Green: 0% (0/8)
 Yellow: 100% (8/8)
 Red: 0% (0/8)

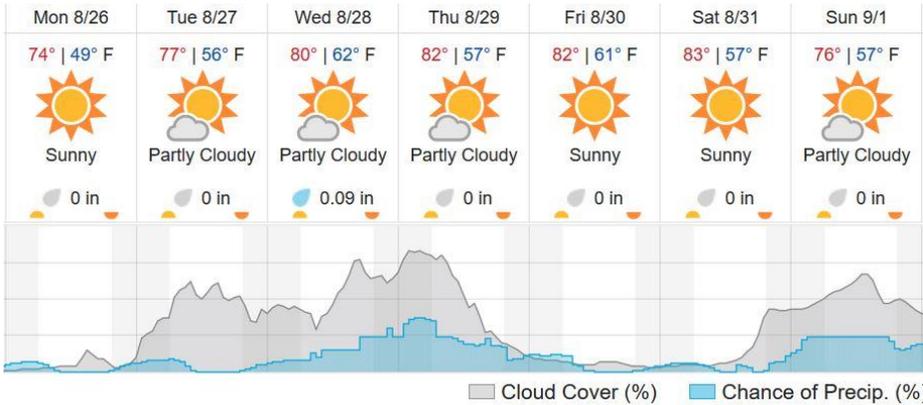
N01A

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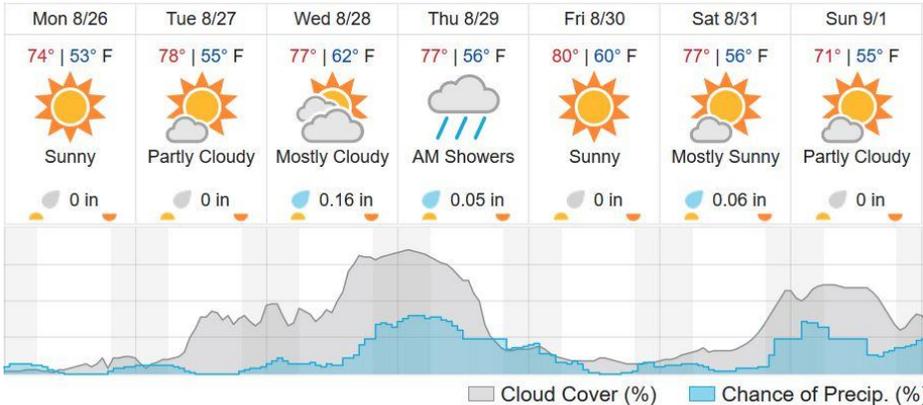
Flown: 0% (0/1)
 Green: 0% (0/1)
 Yellow: 0% (0/1)
 Red: 0% (0/1)

Weather Forecast

Petersham, MA



Bartlett, NH



Flight Collection Plan for 26 August 2019

Flyority 1:

Collection Area: Harvard Forest – Priority 1 (HARV_P1)

Lines 2-5, and 27-29

Flight Plan Name: D01_HARV_C1_P1_v1.pln

On-station Time: 1354 UTC / 0954 L

Flyority 2:

Collection Area: Harvard Forest – Priority 2 (HARV_P3) ****If green sky conditions****

Flight Plan Name: D01_HARV_C1_P3_v1.pln

On-station Time: 1354 UTC / 0954 L

Crew: Elissa Barris (Lidar), Abe Morrison(NIS)