



March 16, 2019 Payload 2 Daily Flight Report



Date: 2019-03-16

Flight Campaign ID: 2019_P2C1

Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO

Domain: 00

Sites Flown: O10A (NIS Offset)

Days left in Domain: 0

Report Author: Abe Morrison

Flight Crew: Abe Morrison, John Adler

Ground/GPS: Mitch Haynes

Pilots: Dylan Malfatti, Mike Francis

Additional Personnel: Matt Devoe

GPS Instruments: 01 - FBO_KBDU

Flight Hours: 02:13

Hours until maintenance: 111.87

Summary

With sunny skies to start the day, the crew took to the air for the NIS offset calibration flight. They completed all 5 ultrapol positions (5 takeoffs and landings) on the spectrometer. The lidar laser was not fired, per SOP, but the camera was used.

Concerns

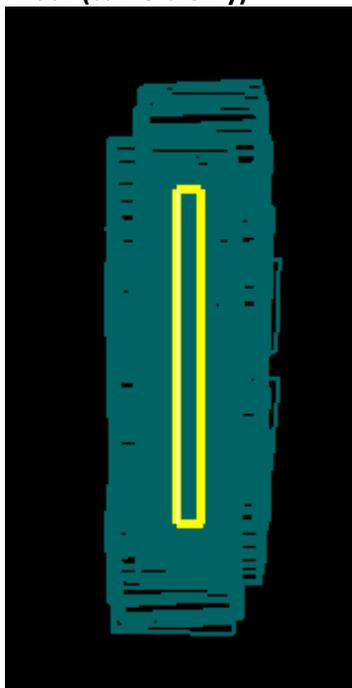
None.

Comments

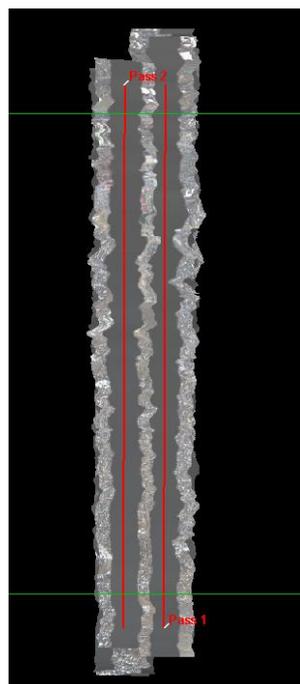
Pilot Dylan Malfatti rotates out today and Jeff Quintanilla will take his place. Thanks for the steady flying Dylan!!

Flight Screenshots

Lidar (camera only)



NIS



Daily Coverage

D00 O10A	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
Flown:	10							

Cumulative Domain Coverage

B10B

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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Flown: 100% (20/20)

Green: 100% (20/20)

Yellow: 0% (0/20)

Red: 0% (0/20)

H10B

1	2	3	4
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Flown: 100% (4/4)

Green: 0% (0/4)

Yellow: 0% (0/4)

Red: 100% (4/4)

O10A

1	2
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Flown: 500% (10/2)

Green: 200% (4/2)

Yellow: 300% (6/2)

Red: 0% (0/2)

R10B

1	2	3	4	5
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Flown: 100% (5/5)

Green: 100% (5/5)

Yellow: 0% (0/5)

Red: 0% (0/5)

W10B

1	2
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Flown: 100% (2/2)

Green: 0% (0/2)

Yellow: 0% (0/2)

Red: 100% (2/2)

N10C

1	2	3	4	5	6	7	8	9	10	11	12	13	14
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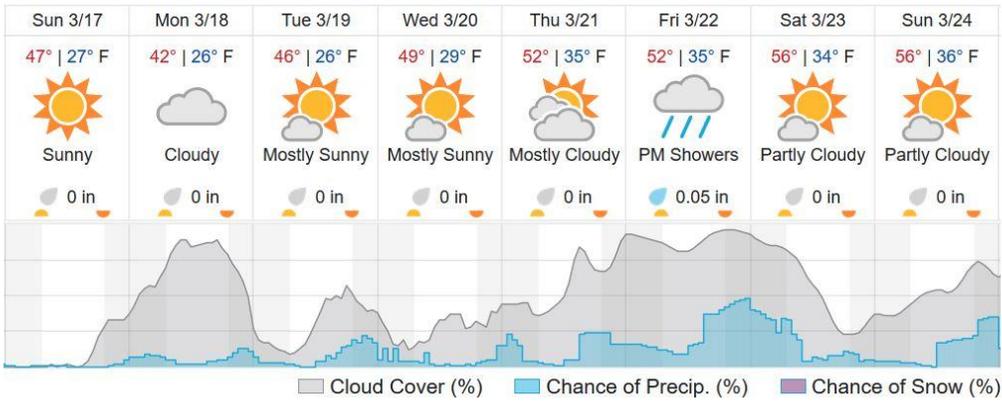
Flown: 100% (14/14)

Green: 0% (0/14)

Yellow: 0% (0/14)

Red: 100% (14/14)

Weather Forecast



Flight Collection Plan for 17 March 2019

No Flights Planned

Flight Collection Plan for 18 March 2019

Collection Area: Training Flights

Flight Plan Name: TBD

On Station Time: TBD

Crew: TBD