



April 16, 2019 Payload 3 Daily Flight Report



Date: 2019-04-16

Flight Campaign ID: 2019_P3C1

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

Domain: 00

Sites Flown: V10C (Boulder City South)

Days left in Domain: 1

Report Author: Mitch Haynes

Flight Crew: Mitch Haynes, Elissa Barris, Matt Devoe

Ground/GPS: Robb Walker

Pilots: Mike Francis, Mark Solper

Additional Personnel:

GPS Instruments: 01 - FBO_KBDU

Flight Hours: 00:51

Hours until maintenance: 109.75

Summary

Overcast sky conditions not suitable for calibration flights. Instead conducted a training flight over Boulder (V10C) before storm clouds began developing in the region.

Concerns

None

Comments

- Elissa is now certified on the NIS. Mitch is recertified on the Reigl Lidar.
- Robb departs for Wichita Falls tomorrow in preparation of P3s transit to D11 on Thursday.
- Due to limited availability of Hotel Kit 3 prior to packing the aircraft, data from today's training flight will not be extracted.
- Forecast for tomorrow does not look conducive for calibration flights either. No training flights are planned. Otter will transit to Wichita Falls and D11 on Thursday.
- Pilot Mike Francis departs tomorrow to be replaced by Chad Evans.

Daily Coverage

D00 V10C	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	2				✓	✓	✓	NLC
	3				✓	✓	✓	NLC
	29				✓	✓	✓	NLC
Flown:	4							

Cumulative Domain Coverage

B10D_1600m

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

Green: 100% (3/3)

Yellow: 0% (0/3)

Red: 100% (3/3)

B10D_1000m

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

B10D_500m

1	2	3	4	5	6	7	8	9
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Flown: 100% (9/9)
Green: 100% (9/9)
Yellow: 0% (0/9)
Red: 0% (0/9)

H10C

1	2
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Flown: 200% (4/2)
Green: 0% (0/2)
Yellow: 0% (0/2)
Red: 450% (9/2)

N10D

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														

Flown: 85% (22/26)
Green: 0% (0/26)
Yellow: 0% (0/26)
Red: 85% (22/26)

O10B

1	2
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Flown: 0% (0/2)
Green: 0% (0/2)
Yellow: 0% (0/2)
Red: 0% (0/2)

R10C

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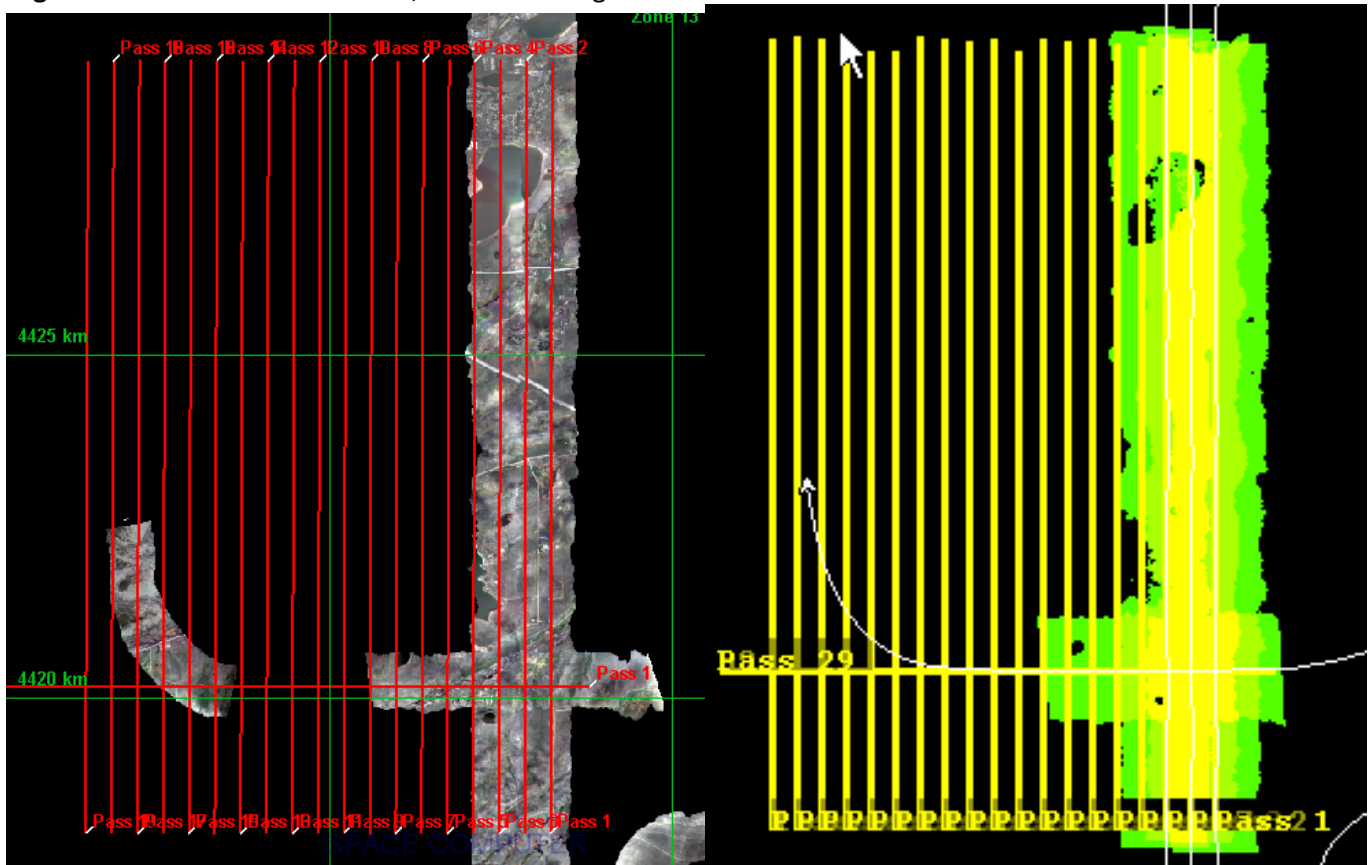
Flown: 100% (5/5)
Green: 0% (0/5)
Yellow: 0% (0/5)
Red: 100% (5/5)

W10C

1	2
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Flown: 100% (2/2)
Green: 0% (0/2)
Yellow: 0% (0/2)
Red: 100% (2/2)

Flight Screenshots: NIS on the left, Lidar on the right.

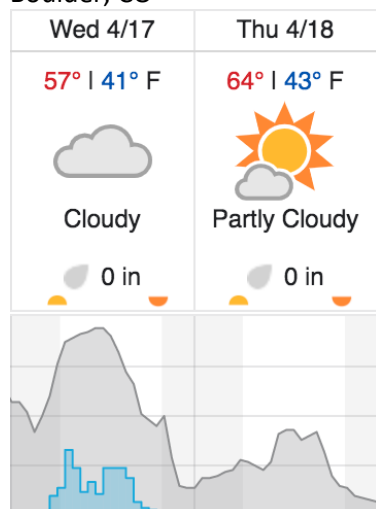


Pictures: Overcast skies not far above our flight altitudes flying over Boulder.

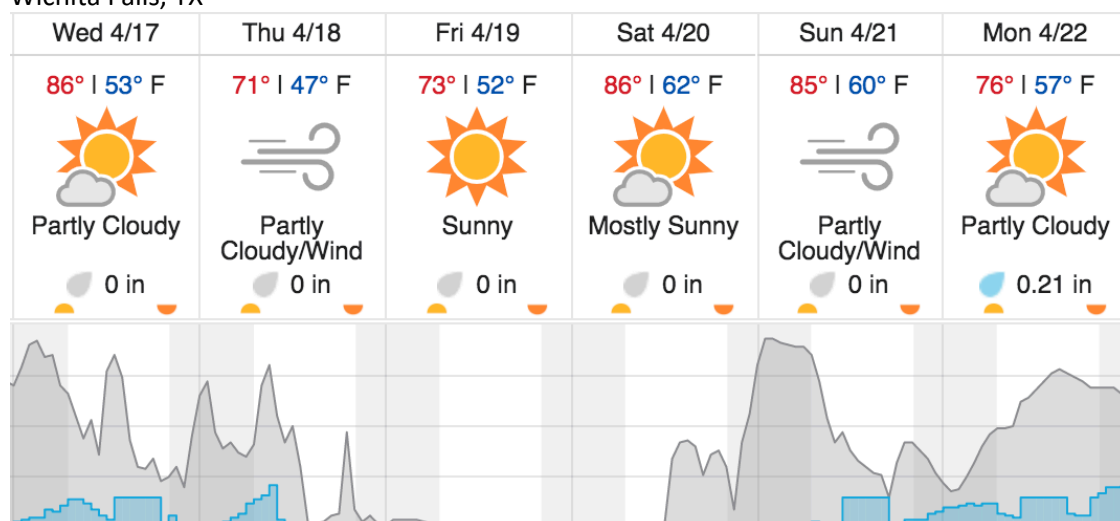


Weather Forecast

Boulder, CO



Wichita Falls, TX



Flight Collection Plan for 17 April 2019

No Flights Currently Planned

Flight Collection Plan for 18 April 2019

Transit to Wichita Falls, TX (D11)

Crew: Ivana Vu and Elissa Barris