



## March 11, 2019 Payload 2 Daily Flight Report



**Date:** 2019-03-11

**Flight Campaign ID:** 2019\_P2C1

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

**Domain:** 00

**Sites Flown:** V10C (Boulder City South)

**Days left in Domain:** 12

**Report Author:** Nick Marusich

**Flight Crew:** John Adler, Cameron Chapman, Matt Devoe

**Ground/GPS:** Ivana Vu

**Pilots:** Dylan Malfatti, Mike Francis

**Additional Personnel:** Nick Marusich, Abe Morrison, Robb Walker

**GPS Instruments:** 01 - FBO\_KBDU

**Flight Hours:** 01:07, 01:00, 01:02

**Hours until maintenance:** 116.70

### Summary

Boat loads of training today as Flight Operations conducted 3 training flights completing 9 training events. Cam, John, Abe and Robb are certified on PL2 systems.

### Concerns

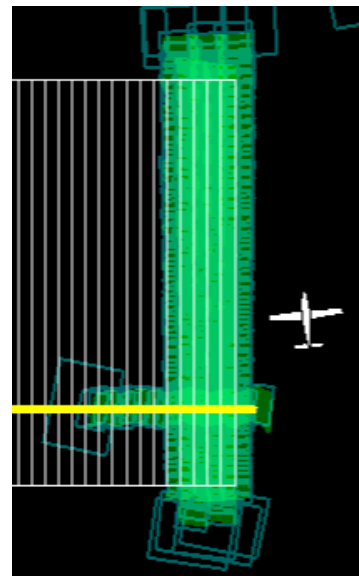
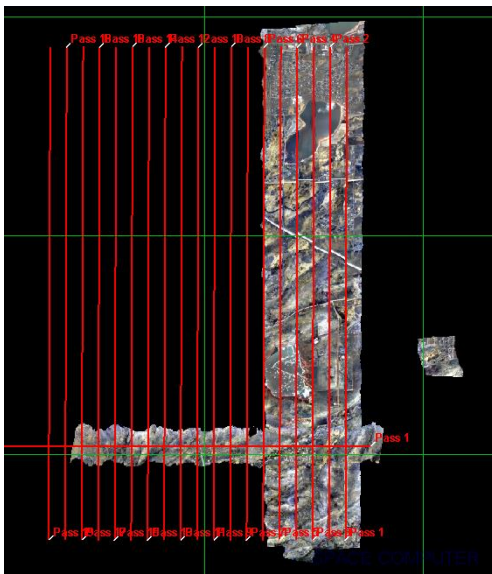
The digitizer had to be restarted prior to the first line for the second and thirds flights today.

### Comments

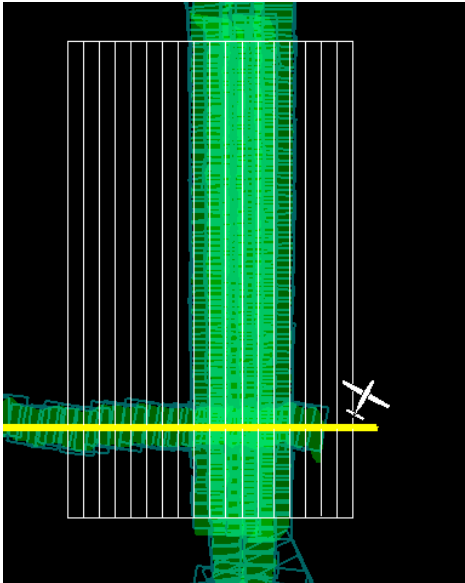
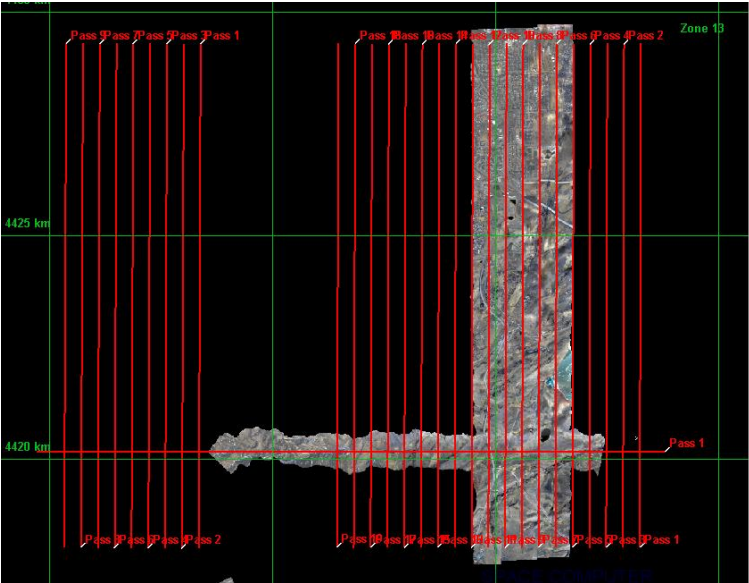
A winter weather advisory has been posted for this week. Training flights for tomorrow will focus on completing those individuals departing to conduct GPS installations. Weather is expected to ground operations Wed and Thurs. Table Mountain flight expected this weekend if forecasts hold.

### Flight Screenshots

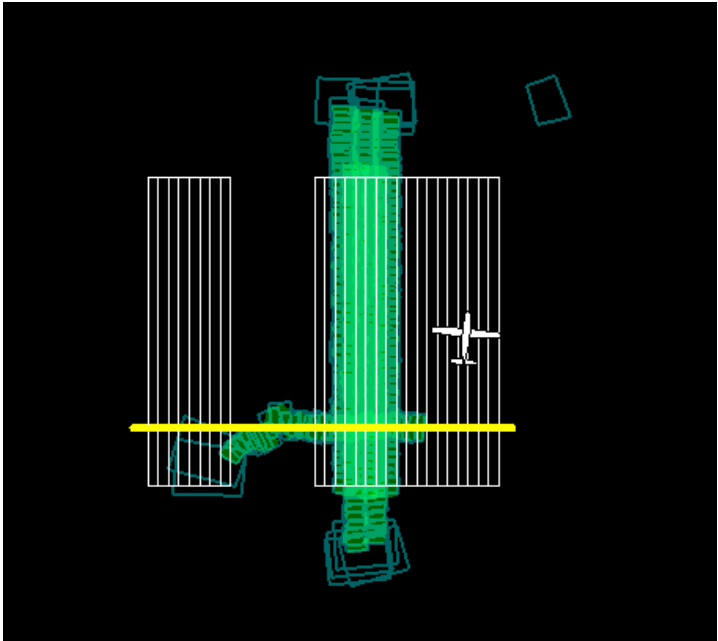
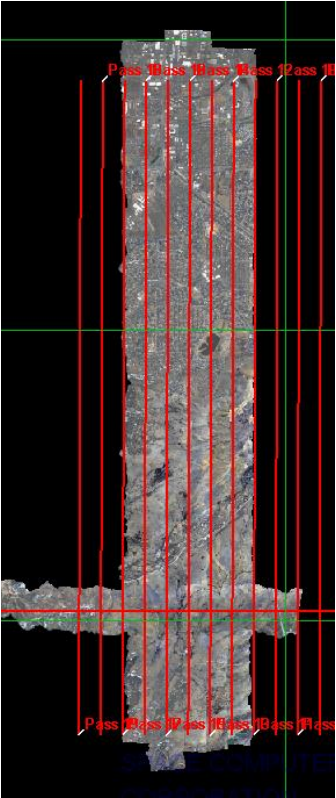
2019031115



2019031117



2019031119



**Pictures**  
None.

**Daily Coverage**  
None at calibration sites.

**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: 0% (0/2)  
Green: 0% (0/2)  
Yellow: 0% (0/2)  
Red: 0% (0/2)

R10A

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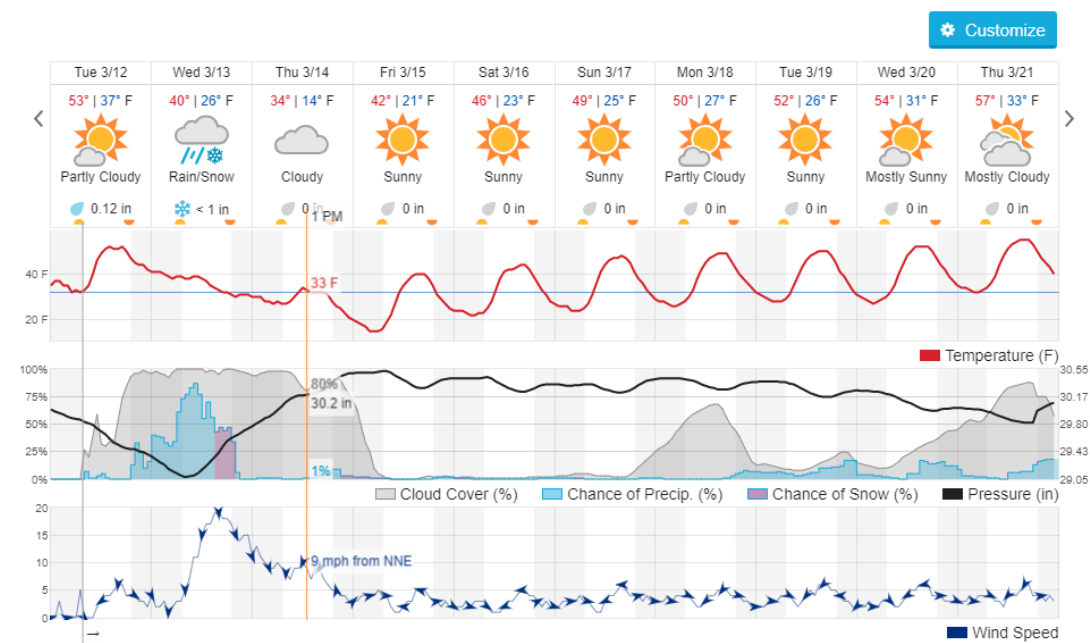
Flown: 0% (0/5)  
Green: 0% (0/5)  
Yellow: 0% (0/5)  
Red: 0% (0/5)

W10B

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

Weather Forecast



## **Flight Collection Plan for 12 March 2019**

### **Flyority 1**

Collection Area: Radiometric Calibration - Table Mountain

Flight Plan Name: D10\_R10A\_Radiometric\_Calibration\_Table\_Mountain\_v1.pln

On Station Time: 1220 Local / 1820 UTC (45 deg)

### **Flyority 2**

Collection Area: NIS Offset

Flight Plan Name: D10\_O10A\_NIS\_Offset\_v1.pln

On Station Time: 1050 Local / 1650 UTC

Crew: **Lidar:** Ivana Vu- **NIS** Nick Marusich – **Ground:** Matt Devoe