



## April 12, 2018 Payload 3 Daily Flight Report



**Date:** 2018-04-12

**Flight Campaign ID:** 2018\_P3C1

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

**Domain:** 00

**Sites Flown:** V10C (Boulder City South), TRAIN (Training)

**Days left in Domain:** 3

**Report Author:** Ivana Vu

**Flight Crew:** Ivana Vu, Abe Morrison, Matt Devoe

**Ground/GPS:** Robb Walker

**Pilots:** Mike Francis, Paul Muth

**Additional Personnel:** None

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

**Flight Hours:** 00:46

**Hours until maintenance:** 85.23

### **Summary**

Cloudy conditions prevented calibration flights so a training flight was conducted this morning before the winds picked up. The aircraft will be grounded tomorrow due to a damaged propeller.

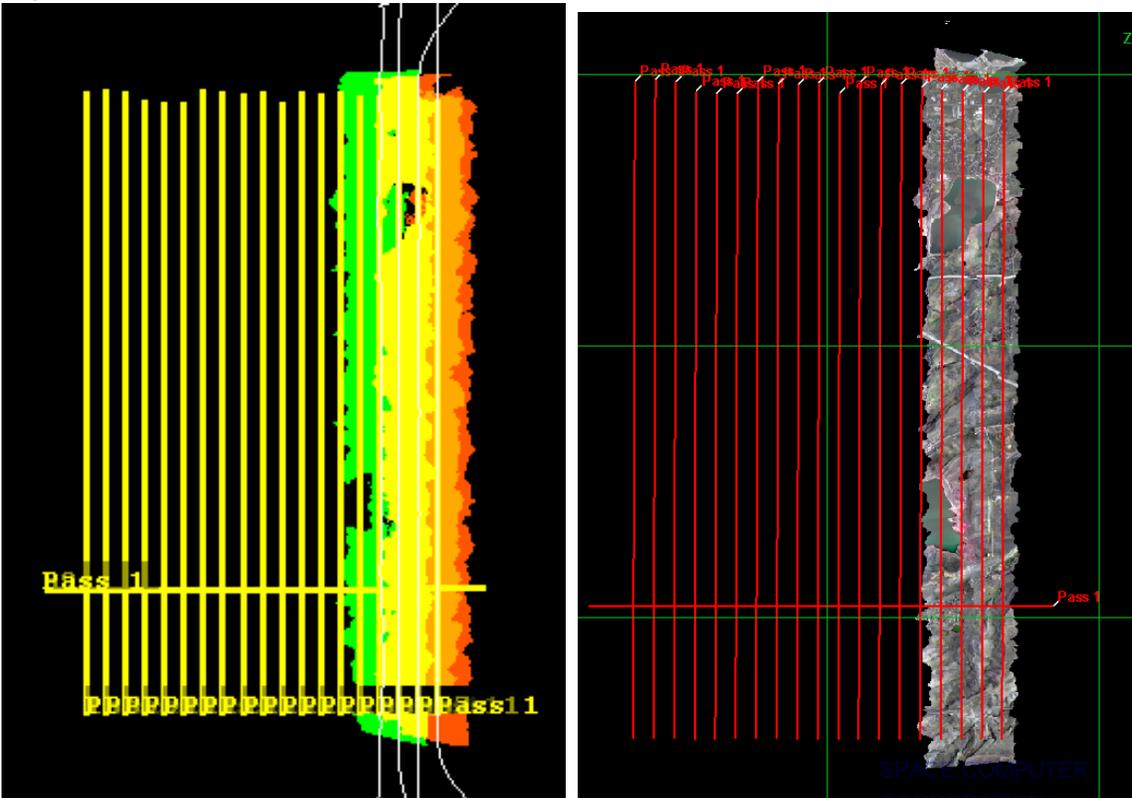
### **Concerns**

During a routine inspection, pilots noticed that the right propeller is damaged and will need to be replaced. P3 flights will likely be delayed until Saturday.

### **Comments**

- We plan to conduct flights this weekend in attempt to complete the Radiometric Calibration before the aircraft transits to D11 on Monday
- Ivana completed a 3<sup>rd</sup> Riegl training flight and is now certified to operate Payload 3
- John Adler's Remote Sensing students from CU visited the hangar for an AOP tour this afternoon

## Flight Screenshots



## Pictures

John Adler's Remote Sensing students from CU (Photo Credit: Heather Rogers)



View of Longs Peak during the transit back from a training flight (taken 4/10/18)



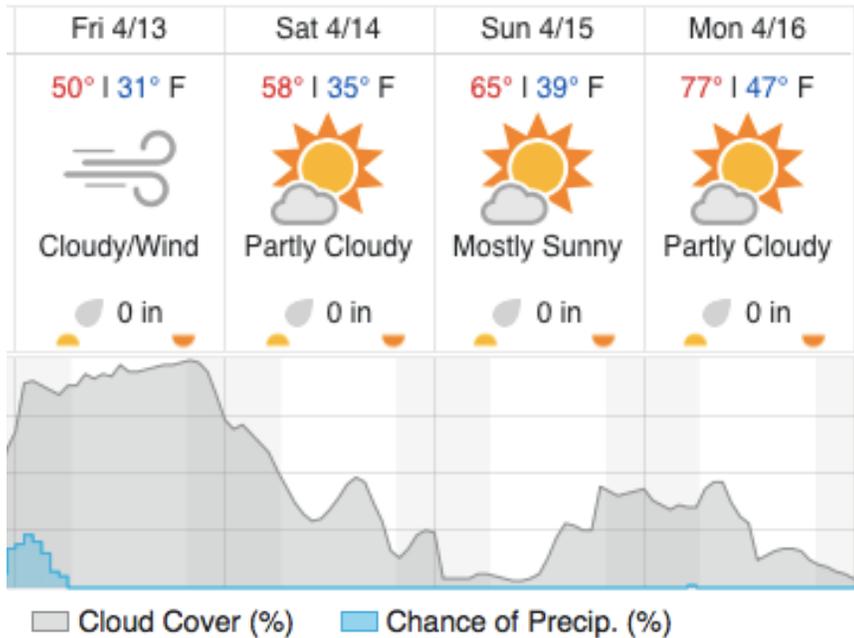
**Daily Coverage**

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

**Cumulative Domain Coverage**

N/A (Calibration & Training flights)

## Weather Forecast



### Flight Collection Plan for 13 April 2018

No flights scheduled due to aircraft maintenance

### Flight Collection Plan for 14 April 2018

#### Flyority 1

Collection Area: Table Mountain Radiometric Calibration

Flight Plan Name: D10\_R10C\_Rad\_Cal\_TMBT\_v1\_Q780.rpp

#### Flyority 2

Collection Area: NIS Offset Flight

Flight Plan Name: D10\_O10B\_NIS\_Offset\_v2\_Q780.rpp

#### Crew

John Adler, Nick Marusich, Ivana Vu

### Flight Collection Plan for 15 April 2018

Flyority: Same as previous day

Crew: John Adler, Mitch Haynes, Robb Walker

### Flight Collection Plan for 16 April 2018

Transit to D11 (Wichita Falls, TX)

Crew: Mitch Haynes

#### New Issues

None

#### On-Going Issues

Disk Set, Hotel Kit – Hotel Kit does not recognize MIDAS 2 disk (Set 2)

#### Resolved Issues (Today)

None