



## April 18, 2018 Payload 2 Daily Flight Report



**Date:** 2018-04-18

**Flight Campaign ID:** 2018\_P2C1

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

**Domain:** 00

**Sites Flown:** B10B (Complete Greeley Boresight Geocalibration - 1500m, 1000m, 500m), R10A (Table Mountain Radiometric Calibration)

**Days left in Domain:** 15

**Report Author:** Abe Morrison

**Flight Crew:** Abe Morrison, Nick Marusich, Matt Devoe

**Ground/GPS:** Robb Walker

**Pilots:** Stephen Brawders, Ryen Farnworth

**Additional Personnel:** Tristan Goulden, John Adler

**GPS Instruments:** 01 - FBO\_KBDU, U-CHLL

**Flight Hours:** 03:03

**Hours until maintenance:** 120.07

### **Summary**

The sky cleared and the birds were chirping today while the crew collected the Table Mountain, Greeley Boresight and Nominal Runway calibration flights. All flights were collected entirely in green conditions.

### **Concerns**

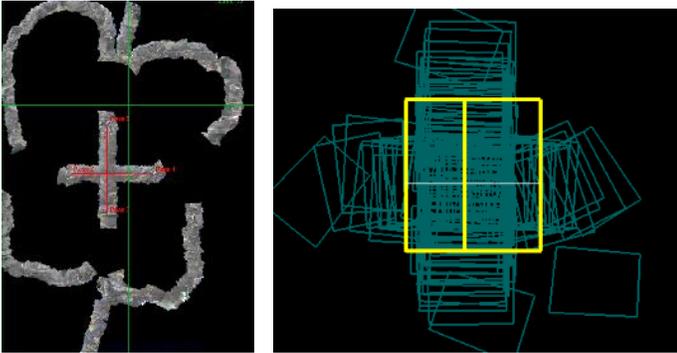
None

### **Comments**

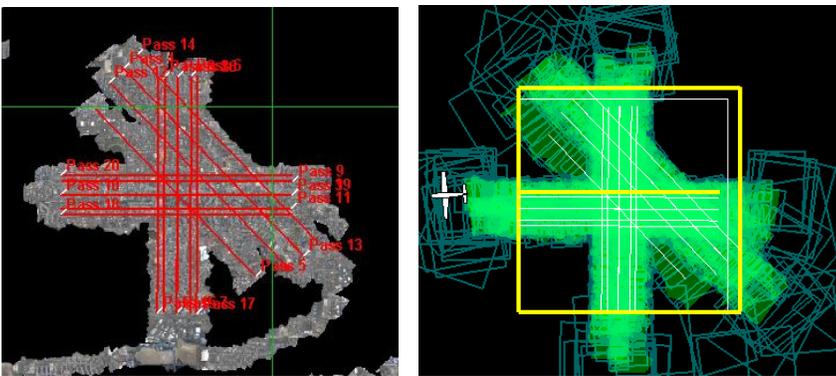
John Adler and Abe Morrison were recertified in the Lidar position for payload 1 & 2.

## Flight Screenshots

R10A



B10B

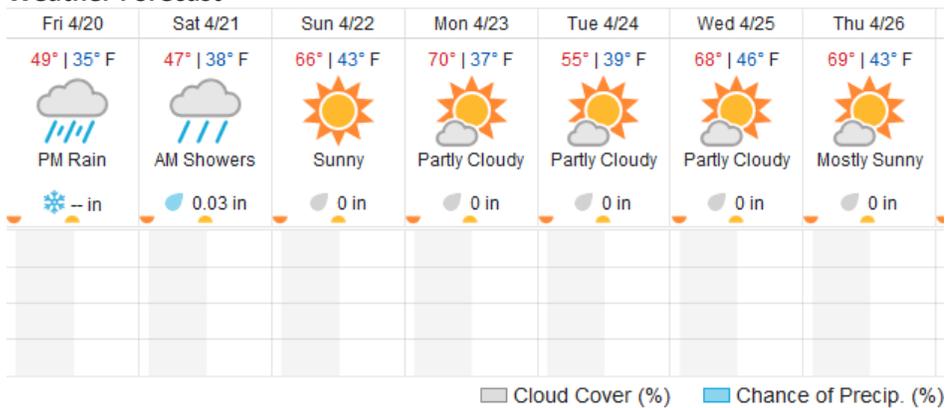


## Daily Coverage

D00   B10B	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
Flown:	20							
D00   R10A	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✗	✓	NC
	2				✓	✓	✓	NLC
	3				✓	✓	✓	NLC
	4				✓	✓	✓	NLC
	5				✓	✓	✓	NLC
Flown:	5							

### Weather Forecast



### Flight Collection Plan for 19 April 2018

#### Flyority 1

Collection Area: Wiggle Timing Test

Flight Plan Name: D10\_W10B\_Wiggle\_Test\_v6.pln

Crew

Lidar: Matt DeVoe; Robb Walker, NIS: Abe Morrison, Ground: John Adler; Bridget Hass

#### Flyority 2

Collection Area: NEON HQ LIDAR Validation

Flight Plan Name: D10\_H10B\_NEON\_HQ\_LIDAR\_validation\_v1.pln

Crew

Lidar: Matt DeVoe; Robb Walker, NIS: Abe Morrison, Ground: John Adler; Bridget Hass