



April 12, 2018 Payload 2 Daily Flight Report



Date: 04-12-2018

Flight Campaign ID: 2018_E8C1

Airport, FBO ID, City: Boulder Municipal Airport, KBDU, Boulder

Domain: D10

Sites Flown: N10C

Days left in Domain: 3

Report Author: Michael Wussow

Flight Crew: Mitch Haynes, Michael Wussow

Ground/GPS Crew: Robb Walker

Pilots: Stephen Brawder, Ryan Farnsworth

Additional Personnel:

GPS Instruments: 01 – FBO_KBDU

Flight Hours: 1.33

Hours until aircraft maintenance: ~123.3

Summary

The Nominal Runway calibration flight was completed today. The West-East and North-South lines were completed totaling 14 lines. Strong winds and turbulence were forecast for the area so the plane was grounded following this flight. The system worked optimally from an operations standpoint and the new PhaseOne camera worked very well. Mitch is attempting to extract the Waveform and Discrete lidar data on Hotel Kit 2.

Concerns

The Crystal computer shutoff during the 5-minute ground hold. It is estimated that approximately three minutes of a ground hold were completed. It occurred when the KVM was opened after the power switch over. It booted up normally after this isolated incident. No other systems seemed to have lost power.

Comments

FltOps will be going "old school" for the duration of the E8 Campaign, with paper logs and excel spreadsheets for flight tracking. These can be found under FltOps2\Campaign_2018_E8C1 for those who need access to them. Once the official P2 campaign begins, the normal Database will be used once again.

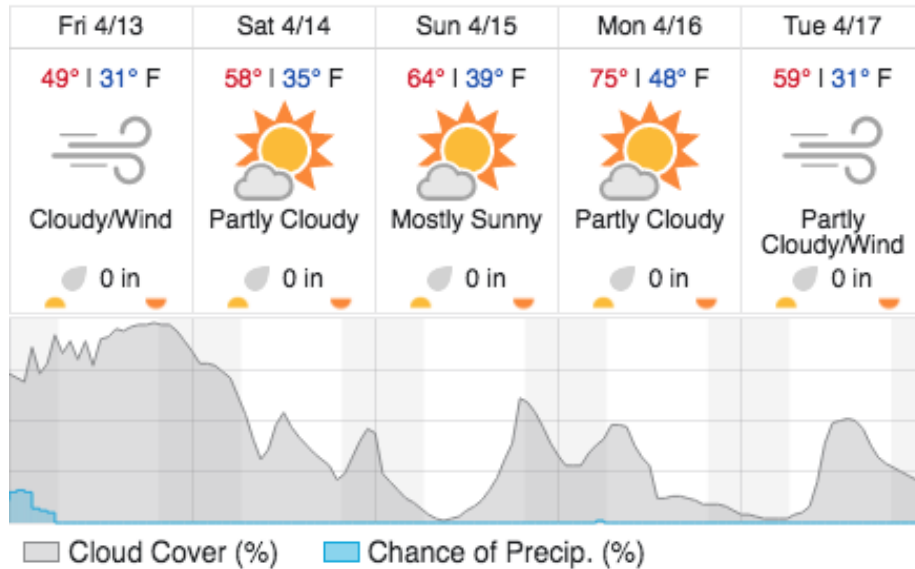
Pictures



CU's campus with the Flatirons in the background

Weather Forecast

Boulder, CO



Flight Collection Plan for 13 April 2018

Flyority 1

Collection Area: Greeley Boresight Geocalibration

Flight Plan Name: D10_B10B_Greeley_Boresight_Geocalibration_Plan_v8.pln

Flyority 2

Collection Area: NEON Lidar HQ Validation

Flight Plan Name: D10_H10B_NEON_HQ_LIDAR_validation_v1.pln

Crew: TBD

New Issues

N/A

Ongoing Issues

N/A

Resolved Issues

N/A