



Payload 3 Daily Flight Report



Date: 2020-06-04

Flight Campaign ID: 2020_P3C1

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

Domain: 00 (Calibration / Training)

Sites Flown: R10C (Table Mountain Radiometric Calibration), W10C (Wiggle Timing Test) V10C (Boulder City Nominal Science Flight)

Days left in Domain: 25

Report Author: Cameron Chapman

Lidar Operators: Cameron – Nick

Spectrometer Operators: Cameron - Nick

Pilots: Mike Francis, Justin Eddington

Additional Personnel: Mitch Haynes (Trainer)

Flight Hours: 2.0

Hours until maintenance: 119

GPS Instruments: 06-FBO_KBDU, NGN-KBDU

Ground Crew: Elissa Barris

Summary

The weather started off promising, so the decision was made to fly Table Mountain Radiometric Calibration.

Unfortunately, clouds began to build before the beginning of the solar angle. We took the opportunity to collect the data since the flight was also a training/ recertification flight.

Concerns

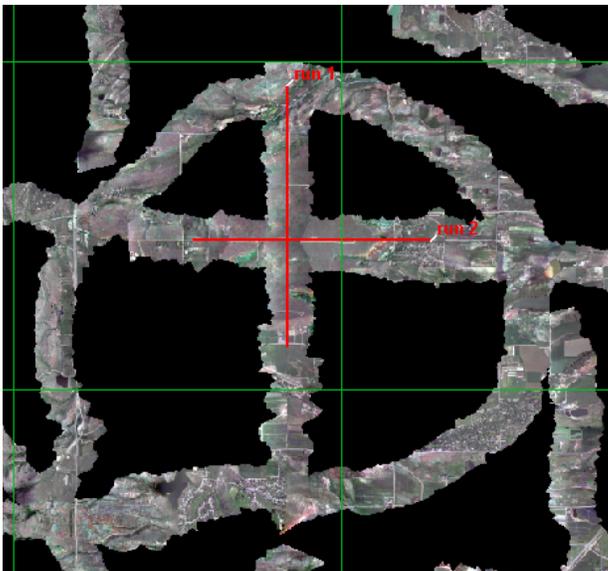
- None

Comments

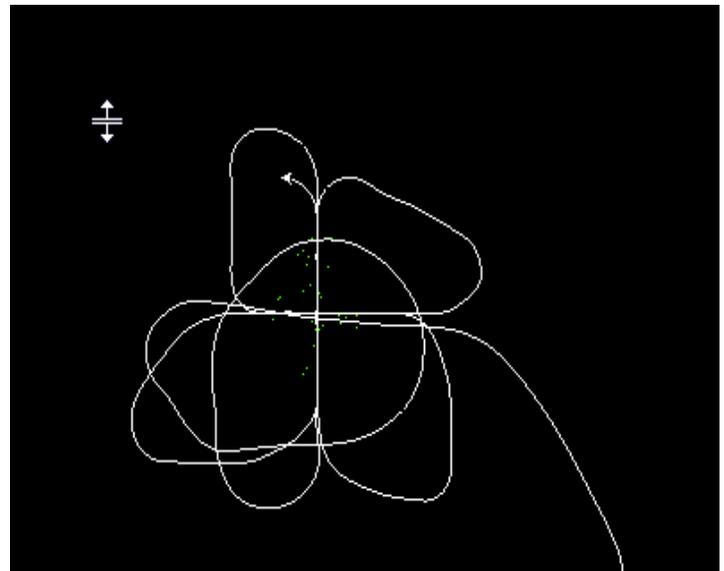
- Completed the Wiggle Timing Test
- Recerts:
 - Cameron recertified on Lidar
 - Nick recertified on NIS
 - Elissa recertified on Ground

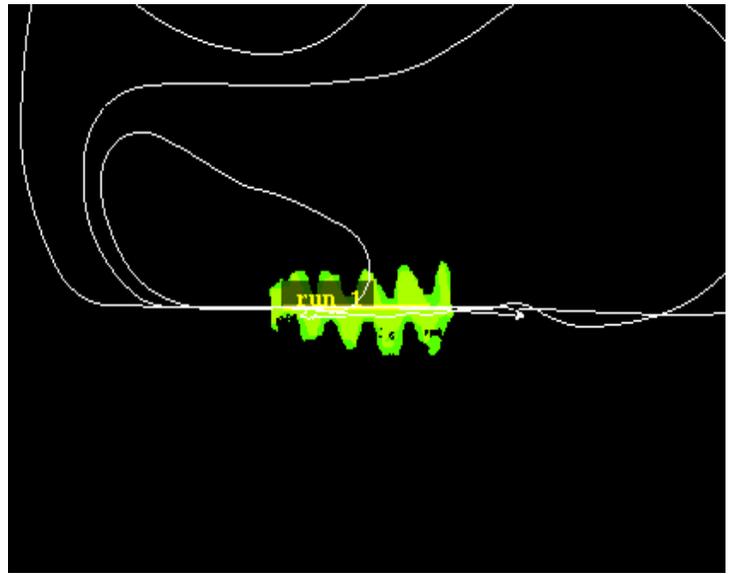
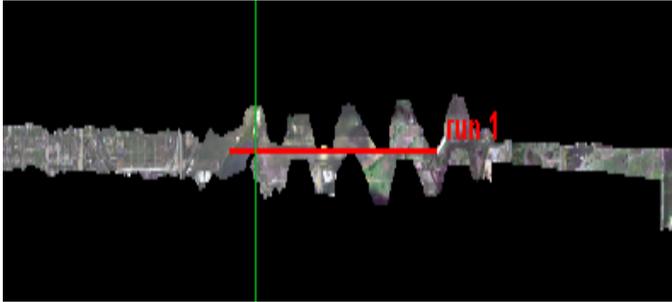
Flight Screenshots

NIS



Lidar(No laser over R10C)



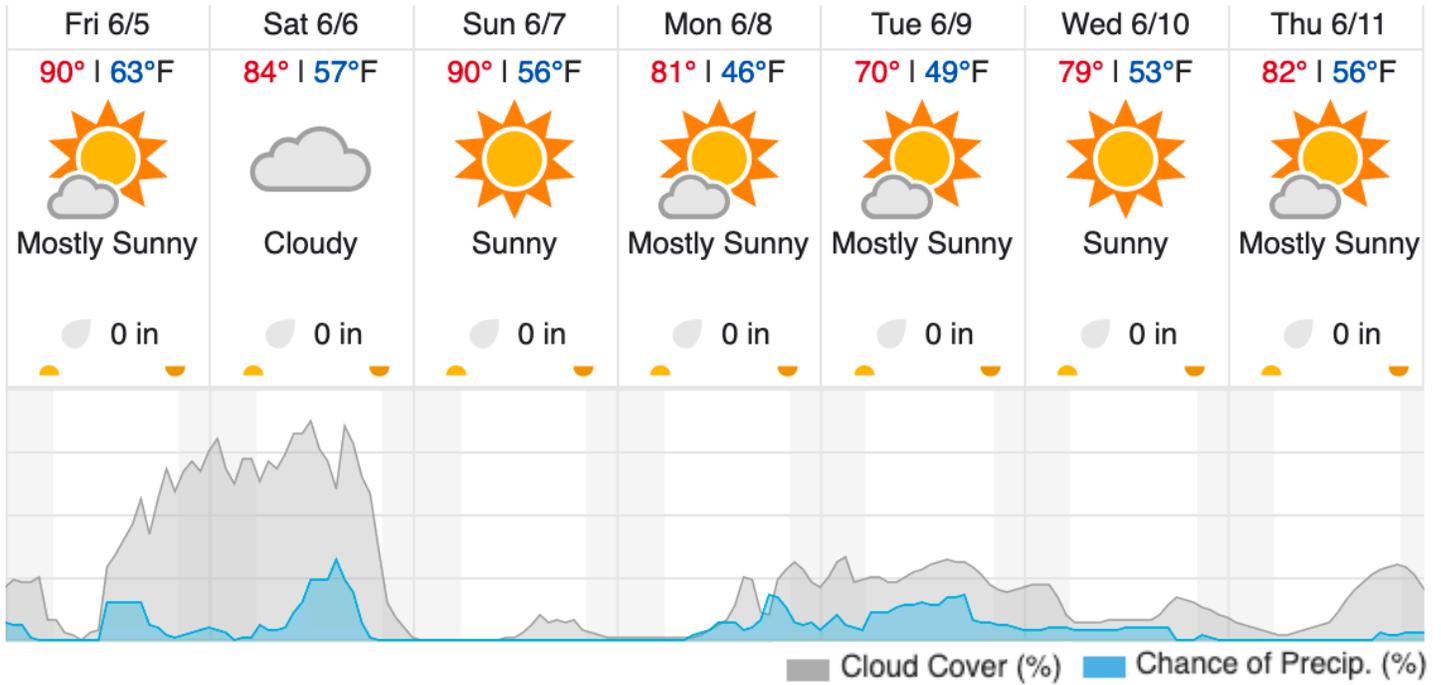


Pictures

- None

Weather Forecast

(Boulder CO)



Flight collection plans for 05 June 2020:

Flyority 1

Collection Area: Table Mountain Radiometric Calibration

Flight Plan Name: D10_R10C_Rad_Cal_TBMT_v1_Q780

On-Station Time: 15:20 UTC / 09:20L

Flyority 2

Collection Area: Riegl Boresight Calibration – Greeley, CO

Flight Plan Name: D10_B10E_Boresight_1000m_Q780

On-Station Time: 14:50 UTC / 08:50L

Fright Crew:

NIS – Mitch

Lidar- Elissa

Trainer—Mitch

Ground – Cam