



April 3, 2019 Payload 3 Daily Flight Report



Date: 2019-04-03

Flight Campaign ID: 2019_P3C1

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

Domain: 10

Sites Flown: H10C (HQ Lidar Validation) flown twice, N10D (Nominal Runway) flown once.

Days left in Domain: 14

Report Author: John Adler

Flight Crew: John Adler, Robb Walker, Bridget Hass, Ivana Vu,
Nick Marusich

Flight Hours: 1.0 / 2.2 / 0.5

Ground/GPS: Matt DeVoe

Hours until maintenance: 118.47

Pilots: Mike Francis, Mark Solper

Additional Personnel: none

GPS Instruments: 01 - FBO_KBDU

Summary

Payload Three crew completed the HQ lidar validation flight while training Bridget Hass on the Riegl system (Flight #1), and again during John Adler's Riegl lidar re-qualification (Flight #3). The Nominal Runway was also completed during Robb Walker's lidar re-certification (Flight #2).

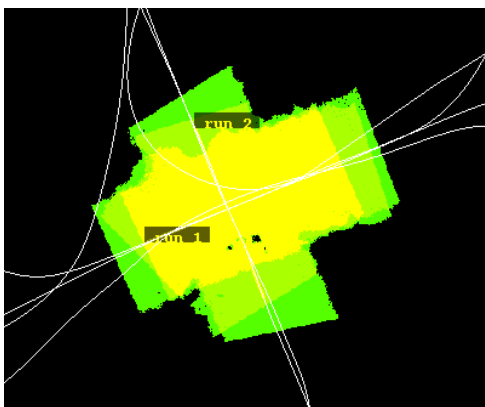
Concerns

Hotel Kit #3 is experiencing a few extraction issues; Andrew et al have been working on the problem(s).

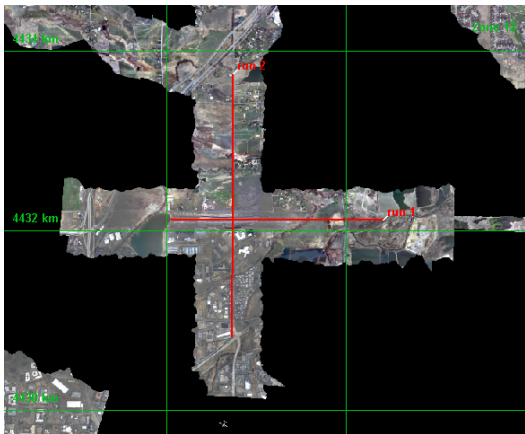
Comments

There was a low haze layer in the morning over Boulder.

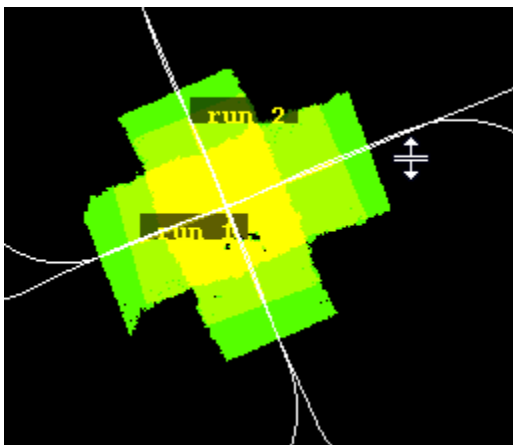
Flight Screenshots



Lidar image from 2019040313 (HQ Lidar Validation #1)



NIS image from 2019040316 .



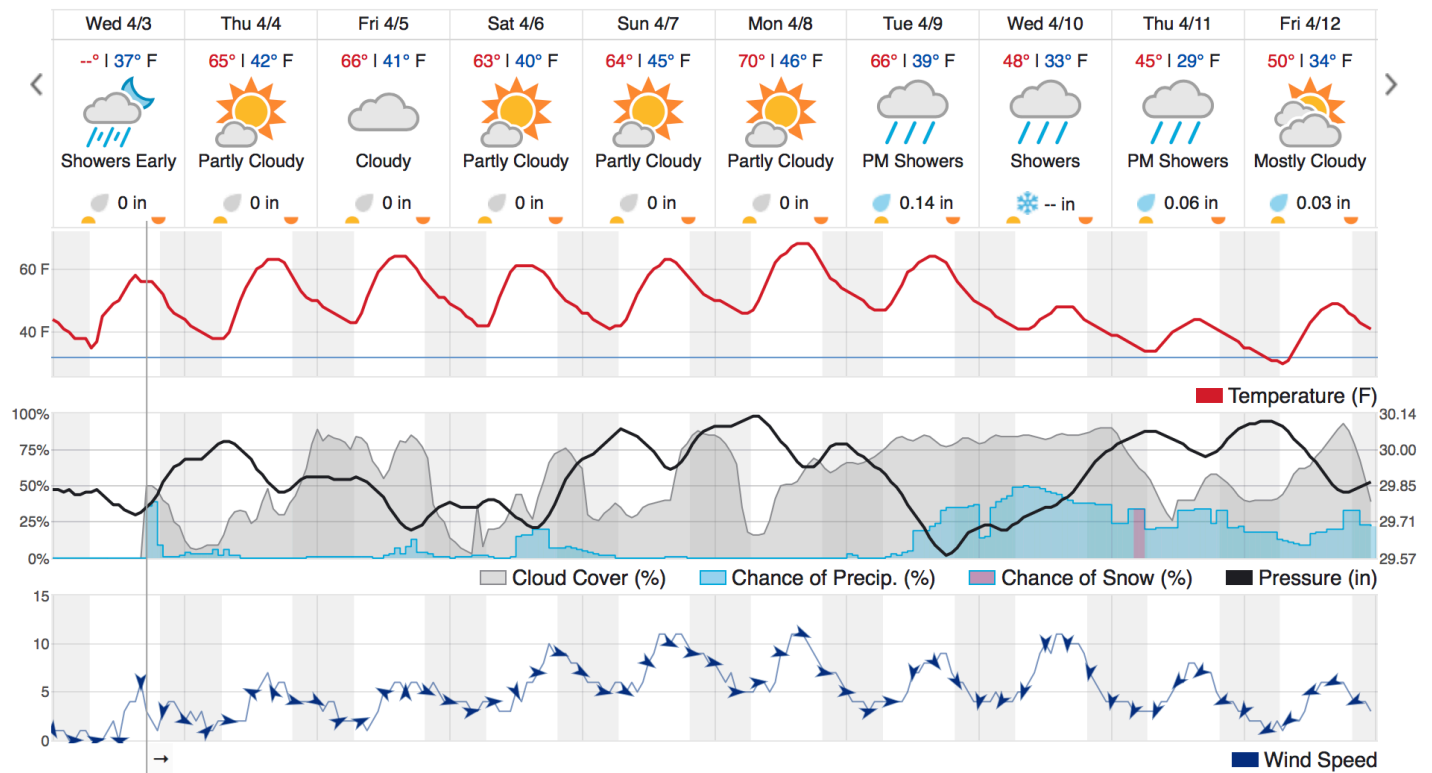
Lidar image from 2019040319 (HQ Lidar Validation #2)

Pictures



Low haze over Boulder early in the morning.

Weather Forecast, Boulder, Colorado



Flight Collection Plan for 04 April 2019

Calibration Flights:

Collection Area: Greeley Boresight

Flight Plan Name: D10_B10D_Boresight_Apx_Q780.rpp

Flight Crew: Ivana Vu, Matt DeVoe, Robb Walker