



March 20, 2019 Payload 2 Daily Flight Report



Date: 2019-03-20

Flight Campaign ID: 2019_P2C1

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

Domain: 00

Sites Flown: R10A (Table Mountain Radiometric Calibration)

Days left in Domain: 2

Report Author: Bridget Hass

Flight Crew: Bridget Hass, Michael Wussow, Ivana Vu

Ground/GPS: Robb Walker

Pilots: Mike Francis, Jeff Quintanilla

Additional Personnel: Tristan, Dave, Alok (Tarps), John A (Drone)

GPS Instruments: 01 - FBO_KBDU, C-TMGO

Flight Hours: 00:43

Hours until maintenance: 109.20

Summary

Conducted radiometric calibration flight over Table Mountain with clear skies, snow and mud-free ground conditions for setting up tarps. Mike completed his NIS re-certification flight, and Bridget operated the Optech Lidar. John Adler collected coincidental drone slant-range measurements over the tarps. Completed all planned calibration flights for P2C1, plane may leave ahead of planned schedule on Sat. 3/23 to try to catch good weather in CA on Sun. 3/24.

Concerns

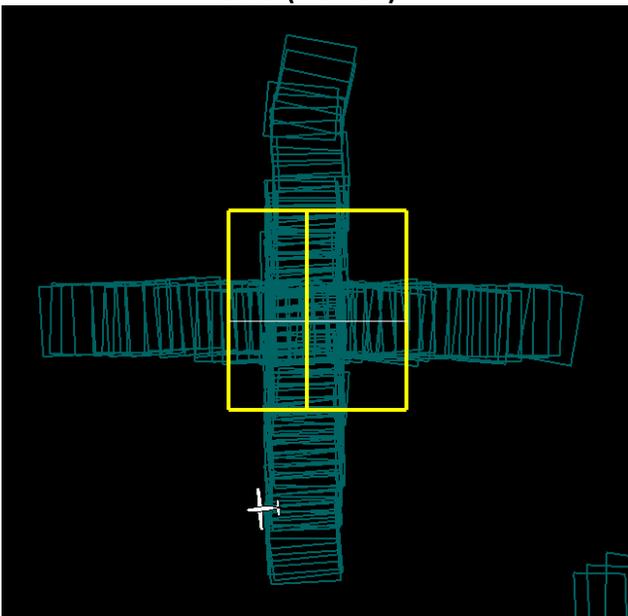
N/A

Comments

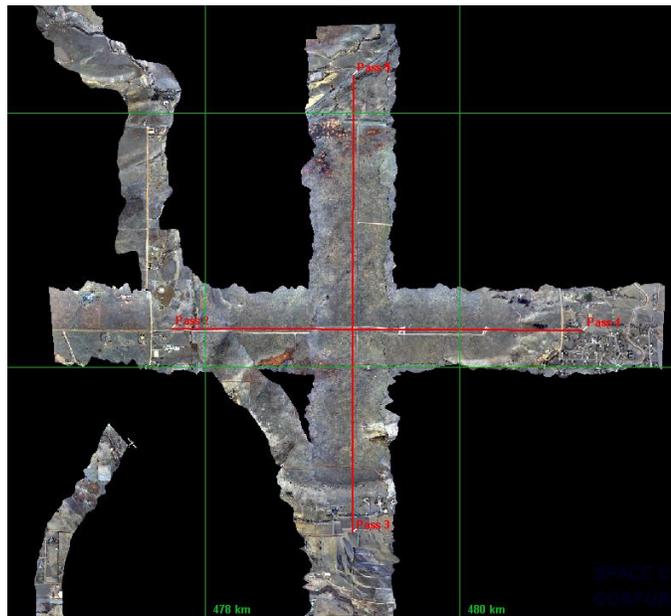
Did not collect LiDAR (discrete or waveform) due to restrictions over NOAA test facility.

Flight Screenshots

Lidar (Camera)



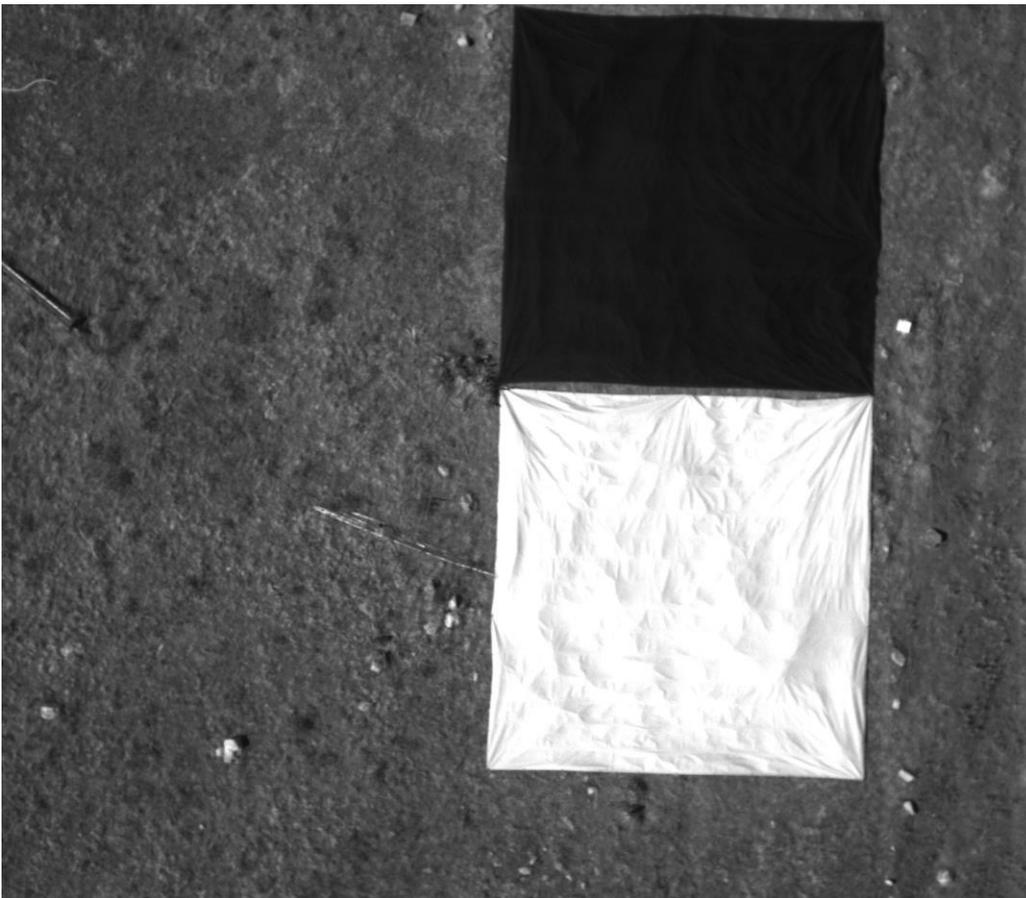
NIS



Pictures



Tarps from the Twin Otter



Tarps from Drone Slant Range Multispectral Imager

Cumulative Domain Coverage

B10B

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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Flown: 100% (20/20)

Green: 100% (20/20)

Yellow: 0% (0/20)

Red: 0% (0/20)

H10B

1	2	3	4
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Flown: 100% (4/4)

Green: 0% (0/4)

Yellow: 0% (0/4)

Red: 100% (4/4)

O10A

1	2
---	---

Flown: 500% (10/2)

Green: 200% (4/2)

Yellow: 300% (6/2)

Red: 0% (0/2)

R10A

1	2	3	4	5
---	---	---	---	---

Flown: 100% (5/5)

Green: 100% (5/5)

Yellow: 0% (0/5)

Red: 0% (0/5)

R10B

1	2	3	4	5
---	---	---	---	---

Flown: 100% (5/5)

Green: 100% (5/5)

Yellow: 0% (0/5)

Red: 0% (0/5)

W10B

1	2
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Flown: 100% (2/2)

Green: 0% (0/2)

Yellow: 0% (0/2)

Red: 100% (2/2)

N10C

1	2	3	4	5	6	7	8	9	10	11	12	13	14
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Flown: 100% (14/14)

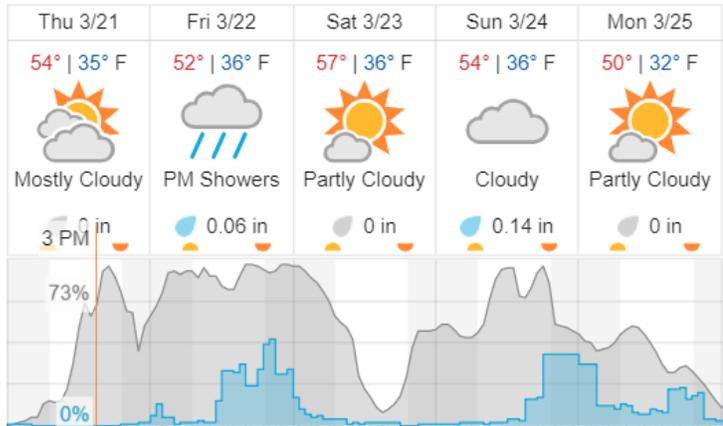
Green: 0% (0/14)

Yellow: 0% (0/14)

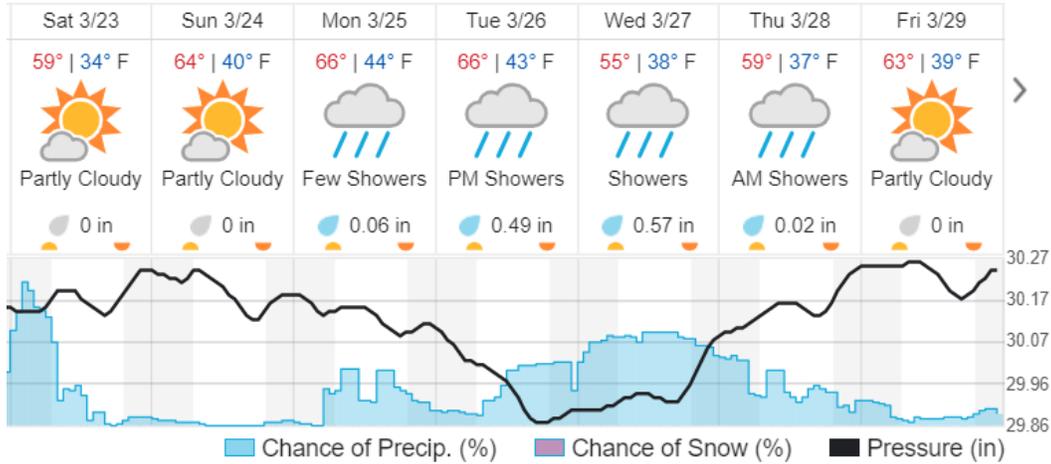
Red: 100% (14/14)

Weather Forecast

Boulder, CO



Coarsegold, CA



Plan for 21-22 March 2018:

Collect Mercury Lamp & pack up N70AR for transit to Fresno.