



Payload 3 Daily Flight Report



Date: 2020-09-16

Flight Campaign ID: P3C1

Airport, FBO ID, City: Rocky Mountain Metropolitan Airport (KBJC) - Broomfield, CO

Domain: 00 (Training & Calibration)

Sites Flown: None

Days left in Domain: 0

Report Author: Cameron Chapman

Lidar Operators: Cameron Chapman

Flight Hours: 00:00

Spectrometer Operators: Mitch Haynes

Hours until maintenance: 15.32

Pilots: Justin Eddington, Stephen Brawders

Ground Crew: Robb Walker

Summary

Unfortunately thick smoke settled into the region and reduced visibility to less than 6 miles. No flight were attempted. This concludes the 2020 Flight season. The payload will be removed tomorrow morning. A big thanks to everyone for making this flight season an overall success despite the many setbacks, restrictions and constraints. Until next year!

Comments

- Mitch and Robb started the packing process in preparation for the impending deinstall
- Look up in the sky! It's a bird! It's a plane! // P3 collected data in the Rockies, Prairie Peninsula, Great lakes & Central Plains// The goal was cloud free when we flew our lines//collected data that could impact future minds//Peak greenness is coming to an end//But next year we will do it all over again//

Concerns:

- None

Cumulative Domain Coverage

D00|B10E (Riegl Bore sight Calibration - 1600m, 1000m, 500m)

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: 70% (14/20)

Yellow: 30% (6/20)

Red: 0% (0/20)

D00|CPER (Satellite Overpass Coincident Collection & 1000m Multiple Altitude Test Flight - CPER)

11	12	13	14	15	16	17	18	19	20	21	22	23	24
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Flown: 100% (14/14)

Green: 100% (14/14)

Yellow: 0% (0/14)

Red: 0% (0/14)

D00|F10A (D10 BRDF Flight - CPER)

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)

D00|H10C (NEON Headquarters Lidar Test - Riegl)

1	2	3	4
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Flown: 100% (4/4)
Green: 0% (0/4)
Yellow: 0% (0/4)
Red: 100% (4/4)

D00|K10A (2000m Multiple Altitude Test Flight - CPER)

6	7	8	9	10	11
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Flown: 100% (6/6)
Green: 100% (6/6)
Yellow: 0% (0/6)
Red: 0% (0/6)

D00|K10B (2000m Multiple Altitude Test Flight - RMNP)

2	3	4	5	6	7
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Flown: 0% (0/6)
Green: 0% (0/6)
Yellow: 0% (0/6)
Red: 0% (0/6)

D00|N10D (Nominal Runway at KBDU - Riegl)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
21	22	23	24	25	26															

Flown: 92% (24/26)
Green: 0% (0/26)
Yellow: 0% (0/26)
Red: 92% (24/26)

D00|O10B (NIS Offset - Riegl)

1	2
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Flown: 100% (2/2)
Green: 100% (2/2)
Yellow: 0% (0/2)
Red: 0% (0/2)

D00|R10C (Table Mountain Radiometric Calibration - Riegl)

1	2	3	4	5
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Flown: 100% (5/5)
Green: 100% (5/5)
Yellow: 0% (0/5)
Red: 0% (0/5)

D00|RMNP (1000m Multiple Altitude Test Flight - RMNP)

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
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Flown: 0% (0/18)
Green: 0% (0/18)
Yellow: 0% (0/18)
Red: 0% (0/18)

D00|W10C (Wiggle Timing Test - Riegl)

1 2

Flown: 100% (2/2)

Green: 0% (0/2)

Yellow: 0% (0/2)

Red: 100% (2/2)

Flight Collection Plan for 17 September 2020

De-Install

Thursday 9/17 Deinstallation Crew: Matt, Cam, Mitch, Robb