



Payload 3 Daily Flight Report



Date: 2020-09-15

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: 1

Report Author: Robb Walker

Lidar Operators: Robb Walker

Flight Hours: 00:00

Spectrometer Operators: Cameron Chapman **Hours until maintenance:** 15.32

Pilots: Justin Eddington, Stephen Brawders

Ground Crew: Mitch Haynes

Summary

Although most of the morning Northern Colorado was cloud free, the skies were still dominated by smoke across the Northern and Eastern half of state. No flights were conducted.

Concerns

None

Comments

- Extraction and QA of both weekend flights has completed.
- Payload removal to occur on Thursday, 9/17

Cumulative Domain Coverage

D00|B10E (Riegl Borelight 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)

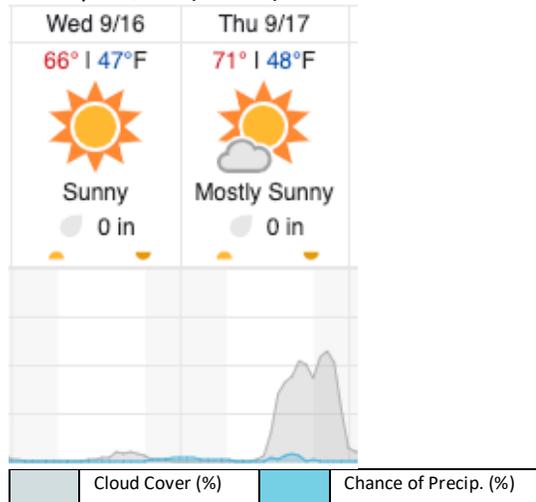
D00|W10C (Wiggle Timing Test - Riegl)

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

Weather Forecast

Allenspark, CO (RMNP)



Flight Collection Plan for 16 September 2020

Flyority 1

Collection Area: 1000m Multiple Altitude Test Flight - RMNP

Flight Plan Name: D10_RMNP_R2_P1_v2_Q780

On-station Time: 1040 – 1540 Local / 1630 – 2130 UTC

Flyority 2

Collection Area: 2000m Multiple Altitude Flight - RMNP

Flight Plan Name: D10_K10B_Multiple_Alt_v2

On-station Time: 1040 – 1540 Local / 1630 – 2130 UTC

Wednesday 9/16 Crew: Cam (Lidar), Mitch (NIS), Robb (Ground)

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