



## Payload 3 Daily Flight Report



**Date:** 2020-09-11

**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:** 5

**Report Author:** Mitch Haynes

**Lidar Operators:** Mitch Haynes

**Flight Hours:** 00:00

**Spectrometer Operators:** Robb Walker

**Hours until maintenance:** 21.52

**Pilots:** Justin Eddington, Stephen Brawdres

**Ground Crew:** Cameron Chapman

### Summary

High layer of clouds throughout most of the region today; no flights were attempted. Some smoke still observed. Early reports from the Cameron Peak fire indicate that the cold front with freezing temperatures and snow stalled much of the growth of the fire, but crews expect it to pick up again as hot and dry temperatures return this weekend into next week.

### Concerns

- None

### Comments

- New KML files will be test performed on the DCC computer
- De-installation of Payload will occur on Thursday, 9/17

### Cumulative Domain Coverage

D00|B10E (Riegl Boresight 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: 0% (0/14)

Green: 0% (0/14)

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: 0% (0/6)  
Green: 0% (0/6)  
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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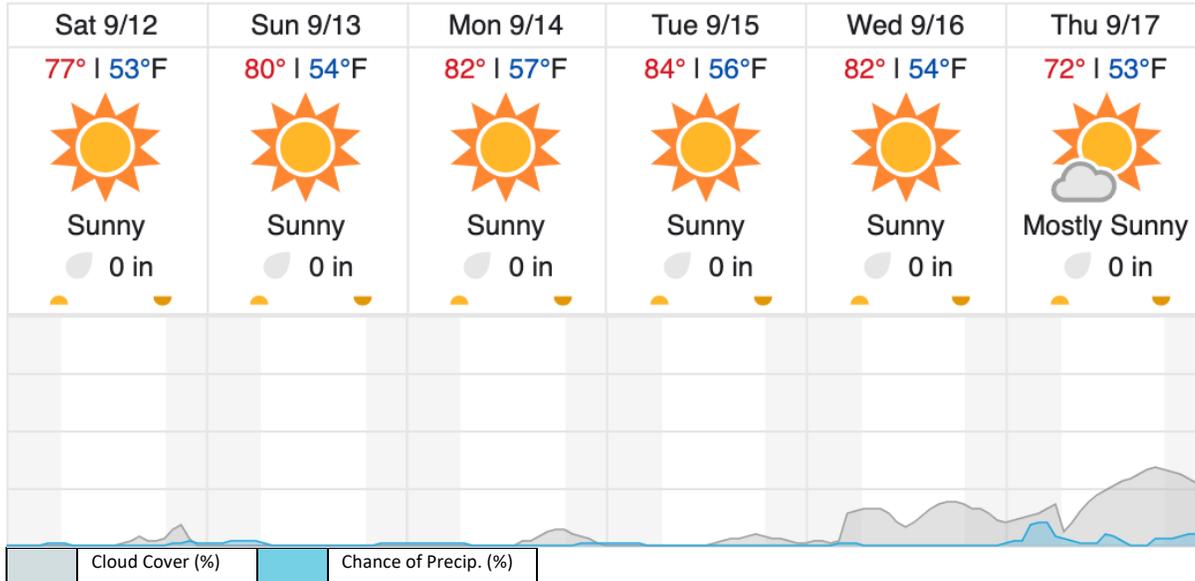
Flown: 0% (0/18)  
Green: 0% (0/18)  
Yellow: 0% (0/18)  
Red: 0% (0/18)

D00|W10C (Wiggle Timing Test - Riegl)

1 2

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

### Weather Forecast



### Flight Collection Plan for 12 September 2020

#### Flyority 1

Collection Area: Satellite Overpass Coincident Collection & 1000m Multiple Altitude Test Flight - CPER

Flight Plan Name: D10\_CPER\_C1\_P1\_v6\_Q780

On-station Time: 1030 – 1530 Local / 1630 – 2130 UTC

#### Flyority 2

Collection Area: 2000m Multiple Altitude Flight - CPER

Flight Plan Name: D10\_K10A\_Multiple\_Alt\_2000m\_v1

On-station Time: 1030 – 1530 Local / 1630 – 2130 UTC

#### Flyority 3

Collection Area: 1000m Multiple Altitude Test Flight - RMNP

Flight Plan Name: D10\_RMNP\_R2\_P1\_v2\_Q780

On-station Time: 1030 – 1530 Local / 1630 – 2130 UTC

#### Flyority 4

Collection Area: 2000m Multiple Altitude Flight - RMNP

Flight Plan Name: D10\_K10B\_Multiple\_Alt\_v2

On-station Time: 1030 – 1530 Local / 1630 – 2130 UTC

Saturday 9/12 Crew: Robb (Lidar), Cam (NIS), Mitch (Ground/Tarps), Bridget (Tarps)

Sunday 9/13 Crew: Cam (Lidar), Mitch (NIS), Robb (Ground/Tarps), Dave (Tarps)

Monday 9/14 Crew: Mitch (Lidar), Robb (NIS), Cam (Ground)