



## Payload 1 Daily Flight Report



**Date:** 2022-11-24

**Flight Campaign ID:** P1C1

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

**Aircraft:** N331AR

**Domain:** 00 (Training & Calibration)

**Sites Flown:** None

**Days left in Domain:** 3

**Report Author:** Cameron

**Lidar Operators:** Cameron

**Flight Hours:** 00:00

**Spectrometer Operators:** Mitch

**Hours until maintenance:** 34.52

**Pilots:** Vince, Justin

**Ground Crew:** Mike

### Summary

All calibration flights have been completed and the data has been verified by the data processing team. The payload will be removed on Monday.

### Concerns

- None

### Comments

- RAID 26 will be verified and shipped to the Denver data center tomorrow.
- Happy Thanksgiving!

### Daily Coverage

Estimated Cloud Cover Key

Green:	Yellow:	Red:
0-10%	11-50%	>50%

**Flight Screenshots:** None

**Pictures:** None

### Cumulative Domain Coverage

D00|B10F (Complete Greeley Boresight Geocalibration - 1500m, 1000m, 550m - Galaxy)

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: 80% (16/20)

Yellow: 20% (4/20)

Red: 0% (0/20)

#### D00|H10D (NEON Headquarters Lidar Validation - Galaxy)

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

Green: 100% (4/4)

Yellow: 0% (0/4)

Red: 0% (0/4)

#### D00|N10F (Nominal Runway at KBDU - Galaxy)

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	27	28	29	30	31	32	33	34	35	36	37			

Flown: 100% (37/37)

Green: 0% (0/37)

Yellow: 0% (0/37)

Red: 100% (37/37)

#### D00|R10F (Boulder Airport Radiometric Calibration - Galaxy)

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|V10F (Boulder City Nominal - Galaxy)

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	27	28	29											

Flown: 79% (23/29)

Green: 79% (23/29)

Yellow: 0% (0/29)

Red: 0% (0/29)

#### D00|W10D (Wiggle Timing Test - Galaxy)

1	2
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Flown: 100% (2/2)

Green: 100% (2/2)

Yellow: 0% (0/2)

Red: 0% (0/2)