Date: 2021-10-17
Flight Campaign ID: P1C2
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO
Aircraft: N331AR

Domain: 00 (Training & Calibration)
Sites Flown: Hg Lamp Test
Days left in Domain: 00

Report Author: Cameron Chapman
Lidar Operators: Cameron Chapman
Spectrometer Operators: Abe Morrison
Pilots: Stephen Brawders, Justin Eddington
Ground Crew: None

Flight Hours: 00:00
Hours until maintenance: N/A
GPS Instruments: N/A

Summary
The remaining calibration flight QA was verified as good. The crew conducted a Hg Lamp test prior to system shutdown. This concludes the 2021 flight season! The payload is scheduled to be removed tomorrow morning at 0700!

Concerns
None

Comments
None

Daily Coverage
Estimated Cloud Cover Key

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

Flight Screenshots: None

Cumulative Domain Coverage
D001 B10F (Complete Greeley Boresight Geocalibration - 1500m, 1000m, 550m - Galaxy)

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D00|BLKF (Black Forest Waveform Range Test - Galaxy)

Flown: 100% (21/25)
Green: 0% (0/25)
Yellow: 100% (25/25)
Red: 0% (0/25)

D00|D10C (Boulder City Eye Safety Test)

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

D00|H10D (NEON Headquarters Lidar Validation - Galaxy)

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

D00|N10F (Nominal Runway at KBDU - Galaxy)

Flown: 100% (37/37)
Green: 59% (22/37)
Yellow: 41% (15/37)
Red: 0% (0/37)

D00|O10C (NIS Offset - Galaxy)

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

D00|R10E (Table Mountain Radiometric Calibration - Galaxy)

Flown: 100% (5/5)
Green: 100% (5/5)
Yellow: 0% (0/5)
Red: 0% (0/5)

D00|W10D (Wiggle Timing Test - Galaxy)

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

Payload removal Crew: Cam, Abe, Elissa