



Payload 1 Daily Flight Report



Date: 2026-08-24

Flight Campaign ID: P1C1

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

Aircraft: N537AR

Domain: 00 (NEON Mechanical)

Sites Flown: None

Days left in Domain: NA

Report Author: Elissa

Lidar Operators: Elissa

Flight Hours: 00:00

Spectrometer Operators: Alyssa

Hours until maintenance: 112.77

Pilots: Troy, Jonathan

Summary

The lab spent the day working on leak detection while the chamber temperature slowly continued to rise under vacuum. Gaskets bridging the body of the chamber to the main valve and the pressure gauge are suspected and are being evaluated more closely.

Concerns

NIS chamber leak.

Comments

None.

Flight Collection Plan for 25 August 2026

No flights planned; Lab troubleshooting and diagnosis.

Crew: Elissa, Alyssa