



Payload 2 Daily Flight Report



Date: 2025-09-05

Flight Campaign ID: P2C1

Airport, FBO ID, City: KASH-KROC-KCAK-KRZL-KPIA

Aircraft: N615AR

Domain: ROCX, then continue transit to Colorado

Sites Flown: ROCX, seven lines collected.

Days left in Domain: n/a

Report Author: John

Lidar Operators: John

Spectrometer Operators: John

Pilots: Justin, Jacob

Flight Hours: 2.4, 2.6, 2.3, 1.0

Hours until maintenance: 15.23

GPS Instruments: SmartNet

Summary

During our transit towards Colorado, we were able to collect seven lines under Red conditions in Rochester, NY for the ROCX project. While there were lower altitude cumulous clouds all about, some of our flight lines did have direct sunlight. Of note, the entire Rochester area had haze, so even the direct sunlight was obscured in some sense. We did see two different tarps set out on the ground as we flew over.

Concerns

None.

Comments

Departed Nashua under IFR, which required the payload to be shut down (no survey power). About 1/2 way to Rochester NY, we went into VFR flight, and I could restart the payload. While the pressure held, the temperature was up in the chamber. Arriving at the FBO in Rochester, I was able to pull the belly cover and attach the pump, getting the NIS into spec fairly quickly to begin the collection effort.

Plan for September 06, 2025

Continue the transit back to Colorado.

Crew: John