



Payload 2 Daily Flight Report



Date: 2026-09-04

Flight Campaign ID: P2C1

Airport, FBO ID, City: Nashua Airport (KASH) - Nashua, NH; Winchester Regional Airport (KOKV) - Winchester, VA; Capital City Airport (KFFT) - Frankfort, Kentucky; Spirit of St Louis Airport (KSUS) - Chesterfield, MO

Aircraft: N821AR

Domain: 00 (Training & Calibration)

Sites Flown: Transit ()

Days left in Domain: 0

Report Author: Cameron

Lidar Operators: Cameron **Flight Hours:** 02:51:00, 02:28:00, 02:02:00

Spectrometer Operators: **Hours until maintenance:** 73.62

Pilots: Manning, Justin

Ground Crew: Mitch

Summary

The crew got an early start today to avoid weather along the transit route. We pushed forward and made fuel stops in Winchester and Frankfort before ending the day in Saint Louis. We are on pace to arrive at KBDU tomorrow afternoon.

Concerns

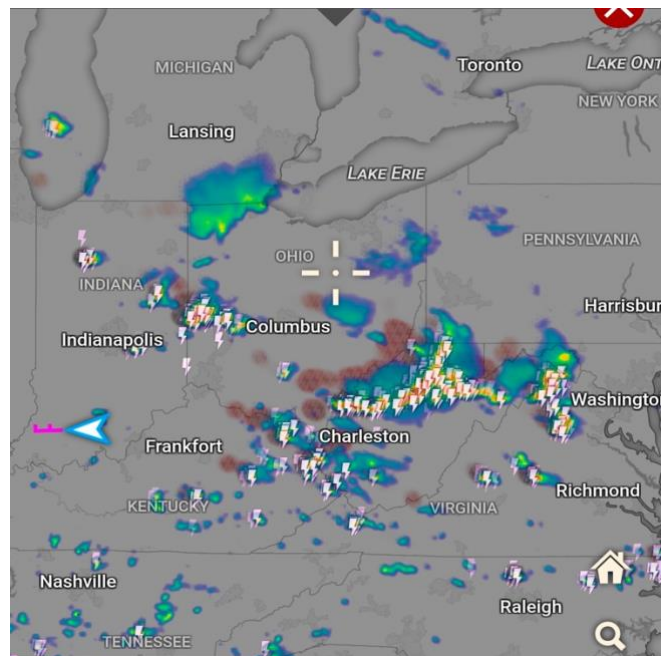
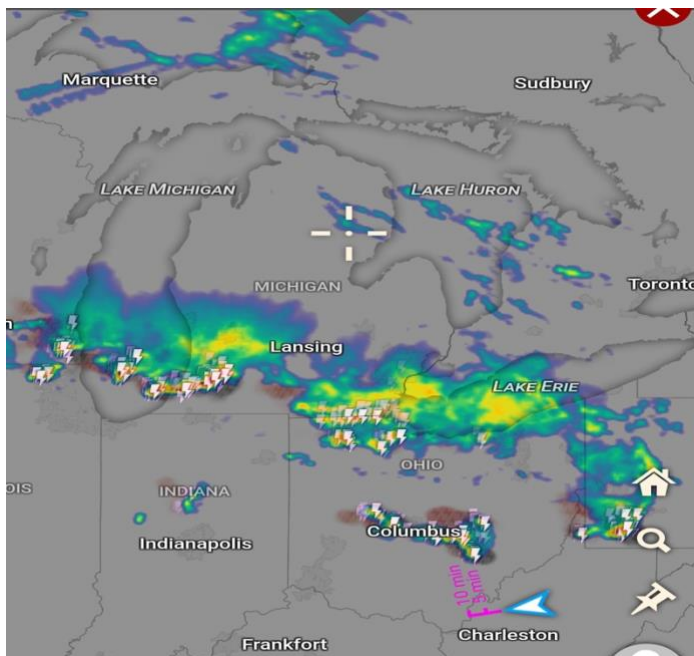
- None

Comments

- None

Flight Screenshots:

Perfect planning / timing by the crew to avoid storms along the transit route



Pictures

Fog this morning in Nashua, we departed IFR and climbed above the cloud layer!



Daily Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (*)

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: 0% (0/20)

Green: 0% (0/20)

Yellow: 0% (0/20)

Red: 0% (0/20)

* Flown within 35deg solar angle

D00|H10C (NEON Headquarters Lidar Test - Riegl)

1	2	3	4
---	---	---	---

Flown: 0% (0/4)

Green: 0% (0/4)

Yellow: 0% (0/4)

Red: 0% (0/4)

* Flown within 35deg solar angle

D00|N10D (Nominal Runway at KBDU - Riegl VQ780_II S)

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: 0% (0/26)

Green: 0% (0/26)

Yellow: 0% (0/26)

Red: 0% (0/26)

* Flown within 35deg solar angle

D00|O10B (NIS Offset - Riegl)

1	2
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Flown: 0% (0/2)

Green: 0% (0/2)

Yellow: 0% (0/2)

Red: 0% (0/2)

* Flown within 35deg solar angle

D00|R10C (Table Mountain Radiometric Calibration - Riegl)

1	2	3	4	5
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Flown: 0% (0/5)

Green: 0% (0/5)

Yellow: 0% (0/5)

Red: 0% (0/5)

* Flown within 35deg solar angle

D00|R10D (Boulder Airport Radiometric Calibration)

1	2	3	4	5
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Flown: 0% (0/5)

Green: 0% (0/5)

Yellow: 0% (0/5)

Red: 0% (0/5)

* Flown within 35deg solar angle

D00|V10C (Boulder City South Nominal Science Flight)

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: 0% (0/29)

Green: 0% (0/29)

Yellow: 0% (0/29)

Red: 0% (0/29)

* Flown within 35deg solar angle

D00|W10C (Wiggle Timing Test - Riegl)

1	2
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Flown: 0% (0/2)

Green: 0% (0/2)

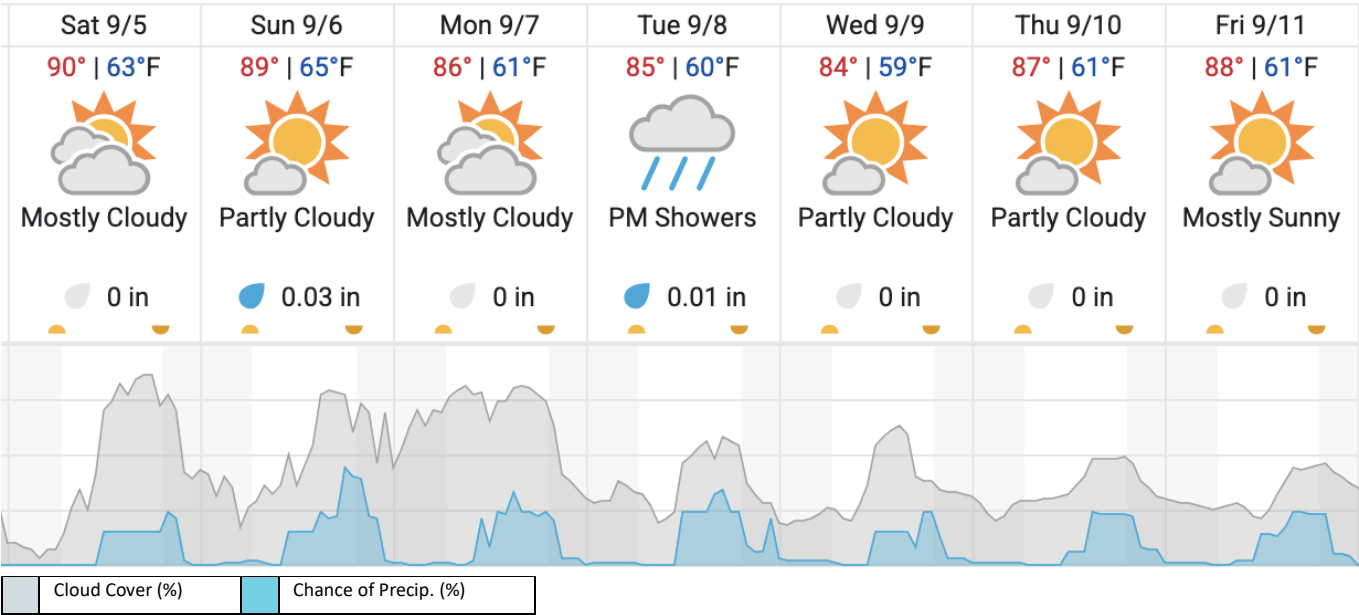
Yellow: 0% (0/2)

Red: 0% (0/2)

* Flown within 35deg solar angle

Weather Forecast

Boulder, CO (KBDU)



source: wunderground.com

Flight Collection Plan for September 5, 2026

Continue transit to Boulder

Crew: Cameron (Transit) Elissa (Ground)