



April 19, 2018 Payload 2 Daily Flight Report



Date: 2018-04-19

Flight Campaign ID: 2018_P2C1

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

Domain: 00

Sites Flown: H10B (NEON Headquarters Lidar Test - modified cross-track), W10B (Wiggle Timing Test)

Days left in Domain: 13

Report Author: Robb Walker

Flight Crew: Matt Devoe, Abe Morrison, Robb Walker

Ground/GPS: Bridget Hass, John Adler

Pilots: Stephen Brawders, Ryen Farnworth

Additional Personnel:

GPS Instruments: 01 - FBO_KBDU

Flight Hours: 01:03

Hours until maintenance: 119.02

Summary

Weather conditions allowed completion of two more calibration flights, both the Wiggle Timing Test and the NEON HQ Lidar Validation. Flight training was done concurrently. After flight pilots discovered an oil leak in left engine and a transponder issue. Technician has been dispatched from Twin Otter to arrive tomorrow morning and make repairs.

Concerns

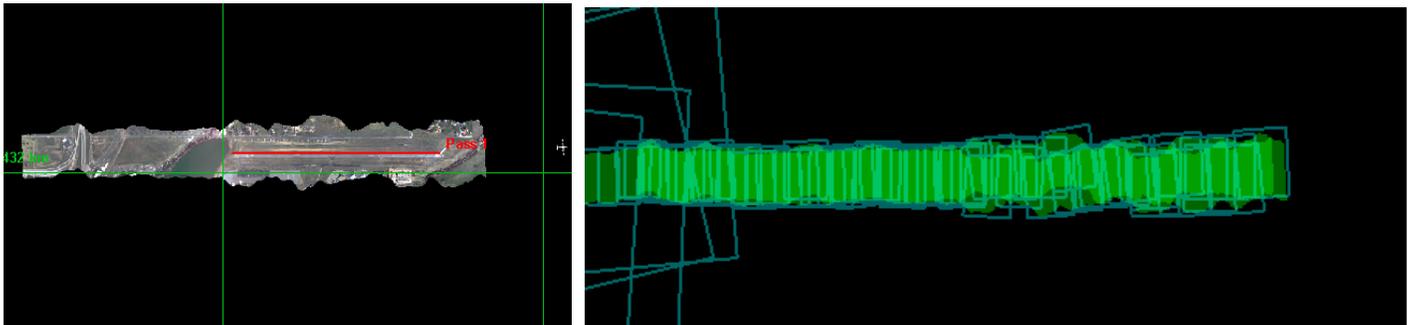
None

Comments

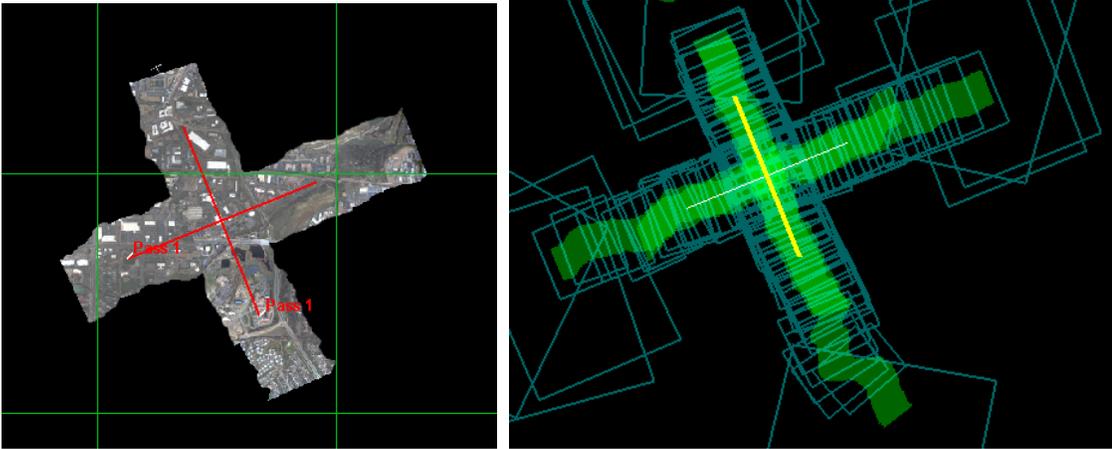
- Robb Walker completed payload 2 lidar observation training flight.
- Bridget Hass and Robb Walker completed GPS training.

Flight Screenshots

W10B



H10B



Pictures

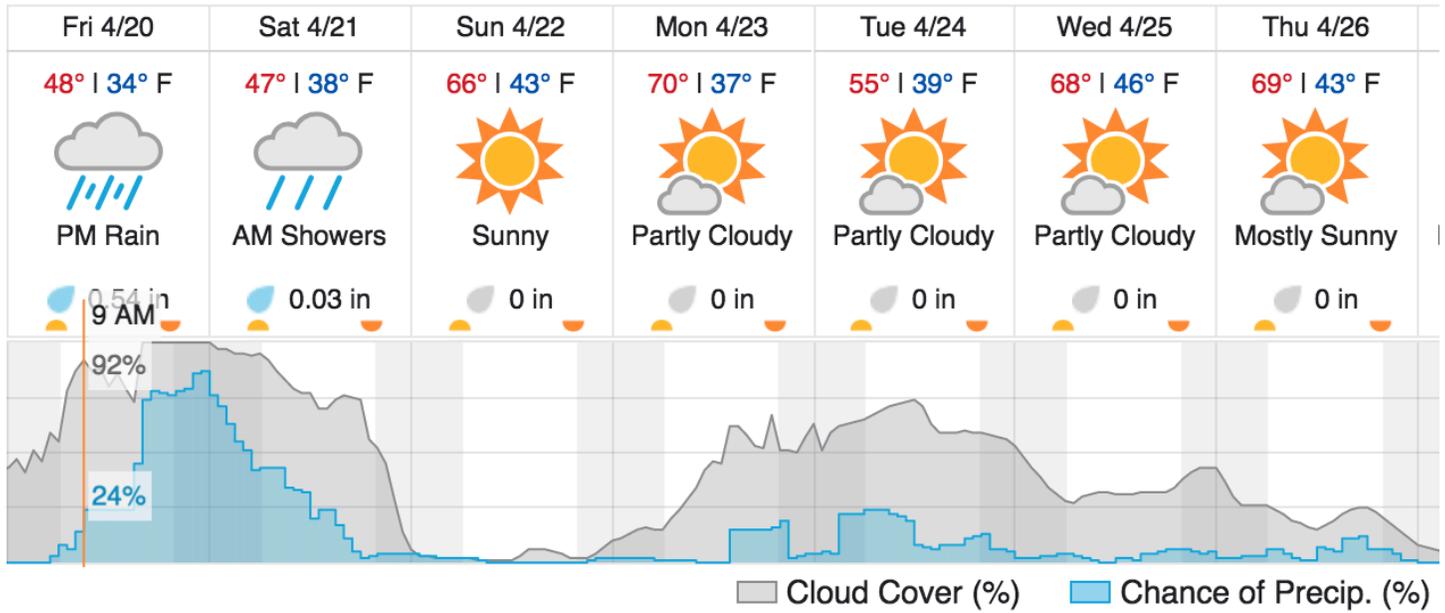


Flatirons in Boulder, CO

Daily Coverage

D00 H10B	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	2				✓	✓	✓	NLC
	3				✓	✓	✓	NLC
	4				✓	✓	✓	NLC
Flown:	4							
D00 W10B	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	2				✓	✗	✓	NC
Flown:	2							

Weather Forecast



Flight Collection Plan for 20-21 April 2018

No anticipated flights due to weather and aircraft repairs.