



Payload 3 Daily Flight Report



Date: 2022-07-08

Flight Campaign ID: P3C1

Airport, FBO ID, City: Canyonlands Regional Airport (KCNV) - Moab, UT

Aircraft: N70AR

Domain: 10 (Central Plains)

Sites Flown: CTWD_BOX (), CTWD_LINES ()

Days left in Domain: 19

Report Author: Matt

Lidar Operators: Matt

Spectrometer Operators: John

Pilots: Magnus , Brent

Flight Hours: 04:10

Hours until maintenance: 19.02

GPS Instruments: PPRTX

Summary

The crew departed Boulder and transited to the Cottonwood assignable asset project in Canyonlands, UT. All lines were completed under ideal conditions for both the 800m and 1000m flight profiles.

Concerns

None

Comments

None

Daily Coverage

Estimated Cloud Cover Key

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

D10|CTWD_BOX

Line #	2	3
Lidar	✓	✓
Spectrometer	✓	✓
Camera	✓	✓
Cloud Cover		

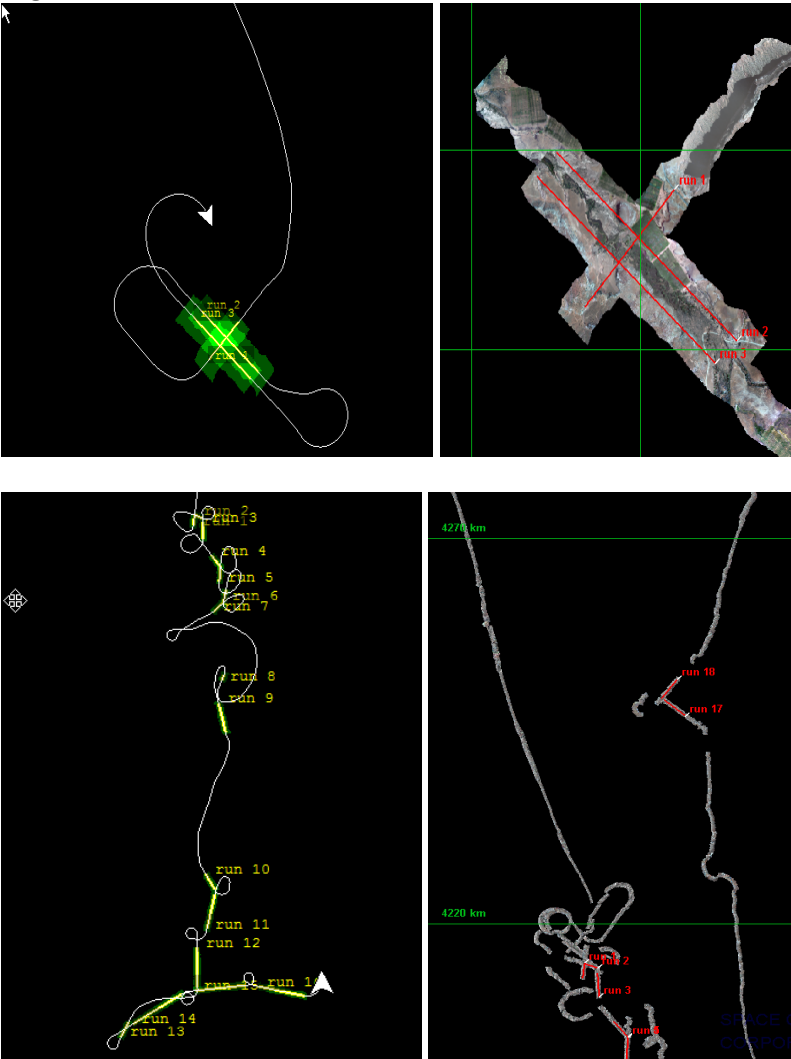
Total number of lines flown: 2

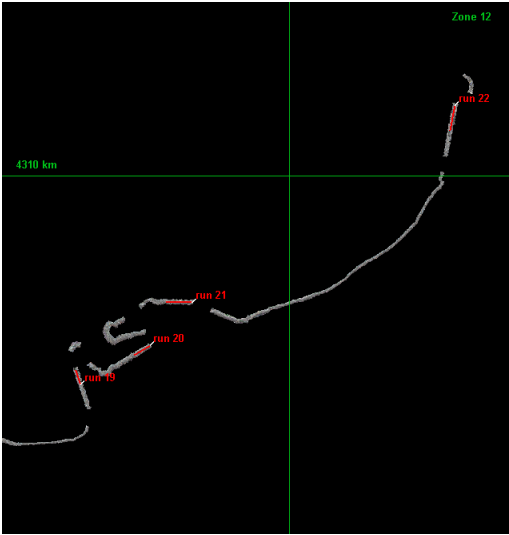
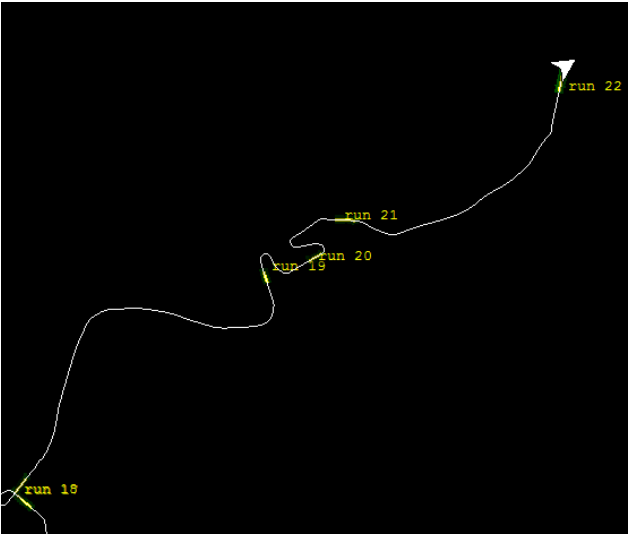
Line #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Lidar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Spectrometer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Camera	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cloud Cover																				

Line #	21	22
Lidar	✓	✓
Spectrometer	✓	✓
Camera	✓	✓
Cloud Cover		

Total number of lines flown: 22

Flight Screenshots





Pictures



Cumulative Domain Coverage

D10|ARIK (Arikaree River)

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	30	31	32	33	34	35					

Flown: 17% (6/35)

Green: 17% (6/35)
Yellow: 0% (0/35)
Red: 0% (0/35)

D10|CTWD_BOX ()

1	2	3
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Flown: 100% (3/3)
Green: 100% (3/3)
Yellow: 0% (0/3)
Red: 0% (0/3)

D10|CTWD_LINES ()

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21																			

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

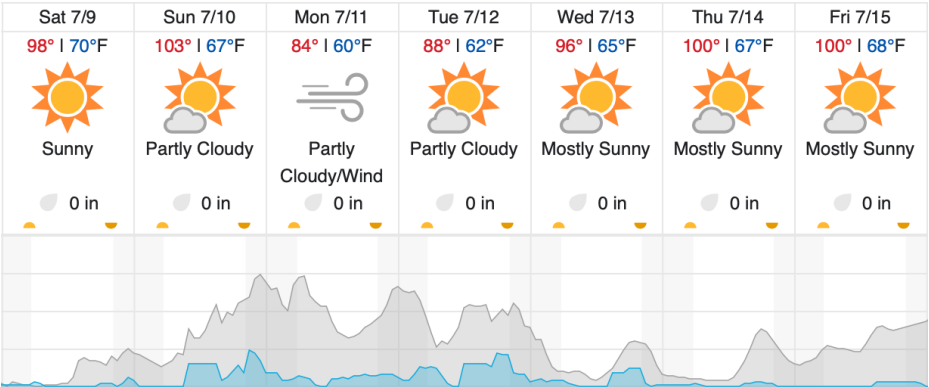
D10|RMNP (Rocky Mountain National Park Priority 1)

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	30	31	32	33	34	35	36	37	38	39	

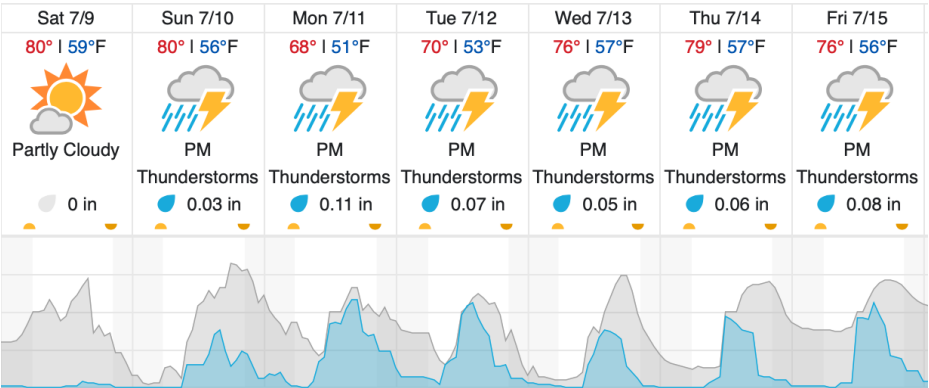
Flown: 0% (0/39)
Green: 0% (0/39)
Yellow: 0% (0/39)
Red: 0% (0/39)

Weather Forecast

Joe’s, CO



Allenspark, CO



	Cloud Cover (%)		Chance of Precip. (%)
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source: wunderground.com

Flight Collection Plan for July 9th 2022

Flyority 1:

Collection Area: Rocky Mountain National Park (RMNP)

Flight plan name: D10_RMNP_R2_P1_v2_Q780

On-Station Time: 1530 UTC / 0930 L

Flyority 2:

Collection Area: Arikaree River (ARIK)

Flight plan name: D10_ARIK_A1_P2_v3_Q780

On-Station Time: 1510 UTC / 0910 L

Crew: John (Lidar), Matt (NIS)