



September 13, 2019 Payload 1 Daily Flight Report



Date: 2019-09-13

Flight Campaign ID: 2019_P1C1

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

Domain: 00

Sites Flown: None.

Days left in Domain: 2

Report Author: John Adler

Flight Crew: John Adler, Elissa Barris

Ground/GPS: Nick Marusich, Matt DeVoe

Pilots: Wesley Wyatt, Chad Evans

Additional Personnel: None

GPS Instruments: None.

Flight Hours: 0.0

Hours until maintenance: 19.75

Summary

All calibration data was successfully extracted for all calibration flights, so no further flights for Payload 1 will be needed. We anticipate de-installing the Payload on Tuesday.

Concerns

None

Comments

None

Daily Coverage

D00 B10B	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	2				✓	✓	✓	NLC
	3				✓	✓	✓	NLC
	4				✓	✓	✓	NLC
	5				✓	✓	✓	NLC
	6				✓	✓	✓	NLC
	7				✓	✓	✓	NLC
	8				✓	✓	✓	NLC
	9				✓	✓	✓	NLC
	10				✓	✓	✓	NLC
	11				✓	✓	✓	NLC
	12				✓	✓	✓	NLC
	13				✓	✓	✓	NLC
	14				✓	✓	✓	NLC
	15				✓	✓	✓	NLC

	16				✓	✓	✓	NLC
	17				✓	✓	✓	NLC
	18				✓	✓	✓	NLC
	19				✓	✓	✓	NLC
	20				✓	✓	✓	NLC
Flown:	20							

D00 R10A	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓		✓	NLC
	2				✓		✓	NLC
	3				✓		✓	NLC
	4				✓		✓	NLC
	5				✓		✓	NLC
Flown:	5							

D00 O10A	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓		✓	NLC
	2				✓		✓	NLC
	1				✓		✓	NLC
	2				✓		✓	NLC
	1				✓		✓	NLC
	2				✓		✓	NLC
	1				✓		✓	NLC
	2				✓		✓	NLC
	1				✓		✓	NLC
	2				✓		✓	NLC
Flown:	10							

Cumulative Domain Coverage

B10B

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: 100% (20/20)
 Green: 100% (20/20)
 Yellow: 100% (20/20)
 Red: 0% (0/20)

H10B

1	2	3	4
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Flown: 100% (4/4)
 Green: 0% (0/4)
 Yellow: 100% (4/4)
 Red: 100% (4/4)

O10A

1	2
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Flown: 100% (2/2)

Green: 0% (0/2)
Yellow: 500% (10/2)
Red: 0% (0/2)

R10B

1	2	3	4	5
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Flown: 100% (5/5)
Green: 200% (10/5)
Yellow: 100% (5/5)
Red: 0% (0/5)

W10B

1	2
---	---

Flown: 100% (2/2)
Green: 0% (0/2)
Yellow: 0% (0/2)
Red: 200% (4/2)

N10C

1	2	3	4	5	6	7	8	9	10	11	12	13	14
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Flown: 100% (14/14)
Green: 0% (0/14)
Yellow: 0% (0/14)
Red: 200% (28/14)