



Payload 1 Daily Flight Report



Date: 2023-04-05

Flight Campaign ID: P1C1

Airport, FBO ID, City: Lake Havasu City Airport (KHII) - Lake Havasu, AZ, Fresno Yosemite International Airport (KFAT) - Fresno, CA

Aircraft: N331AR

Domain: 00 (Training & Calibration)

Sites Flown: Transit

Days left in Domain: 0

Report Author: Abe

Lidar Operators: Abe **Flight Hours:** 02:14:00, 02:17:00

Spectrometer Operators: **Hours until maintenance:** 102.97

Pilots: Justin, Will

Ground Crew: Mitch

Summary

The crew began the transit back to boulder early this morning. The weather in the boulder area was not conducive to a safe approach, so it was decided to stay the night in Albuquerque NM. The Otter should arrive in boulder tomorrow morning around 10:00 local time.

Concerns

None

Comments

None

Cumulative Domain Coverage

D00|B10F (Complete Greeley Boresight Geocalibration - 1500m, 1000m, 550m - Galaxy)

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: 0% (0/20)

Yellow: 75% (15/20)

Red: 25% (5/20)

D00|H10D (NEON Headquarters Lidar Validation - Galaxy)

1	2	3	4
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Flown: 100% (4/4)

Green: 0% (0/4)

Yellow: 0% (0/4)

Red: 100% (4/4)

D00|N10F (Nominal Runway at KBDU - Galaxy)

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			

Flown: 100% (37/37)
Green: 14% (5/37)
Yellow: 86% (32/37)
Red: 0% (0/37)

D00|O10C (NIS Offset - Galaxy)

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

D00|R10E (Table Mountain Radiometric Calibration - Galaxy)

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)

D00|V10F ()

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: 14% (4/29)
Green: 0% (0/29)
Yellow: 14% (4/29)
Red: 0% (0/29)

D00|W10D (Wiggle Timing Test - Galaxy)

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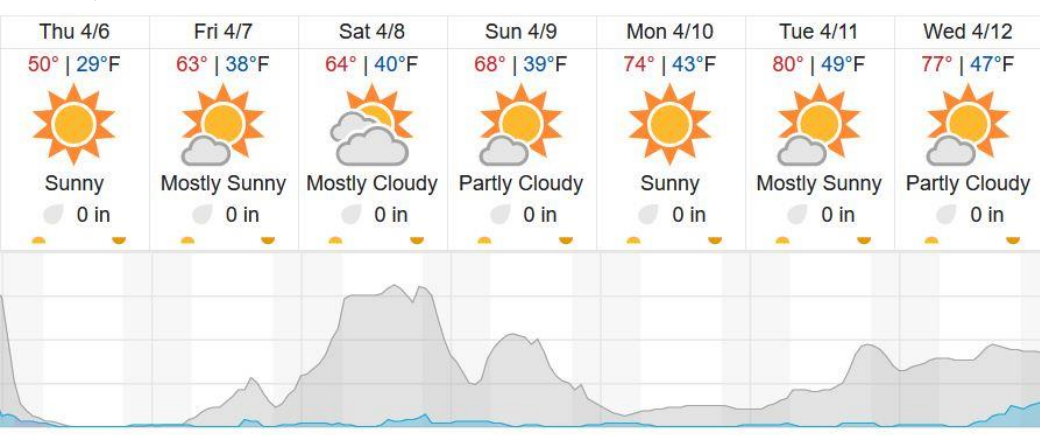
Flown: 100% (2/2)
Green: 0% (0/2)
Yellow: 0% (0/2)
Red: 100% (2/2)

Weather Forecast

Albuquerque NM



Boulder, CO



Cloud Cover (%)	Chance of Precip. (%)
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Flight Collection Plan for 6 April 2023

Continue transit to Boulder CO

Crew: Abe