



July 16, 2019 Payload 1 Daily Flight Report



Date: 2019-07-16

Flight Campaign ID: 2019_P1C1

Airport, FBO ID, City: Forbes Field, KFOE, Topeka, Kansas

Domain: 06

Sites Flown: KONZ, KONA

Days left in Domain: 1

Report Author: John Adler

Flight Crew: John Adler, Mitch Haynes

Ground/GPS: N/A

Pilots: Chad Evans, David Little

Additional Personnel: none

GPS Instruments: GPS-5 (GFBO), U-KSU1

Flight Hours: 2:28

Hours until maintenance: 100.7

Summary

The nominal runway was flown, then the rest of the KONZ_KONA lines were flown under Yellow and Red conditions.

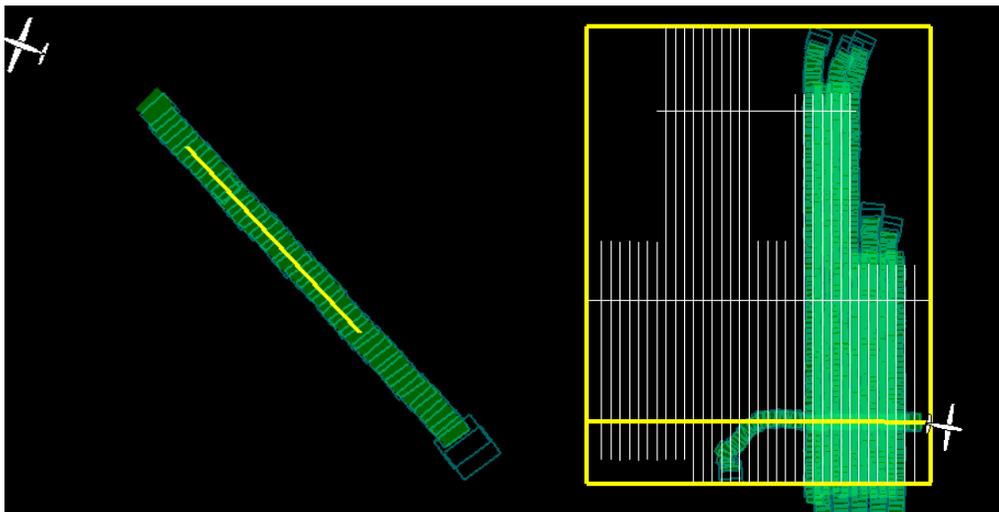
Concerns

None.

Comments

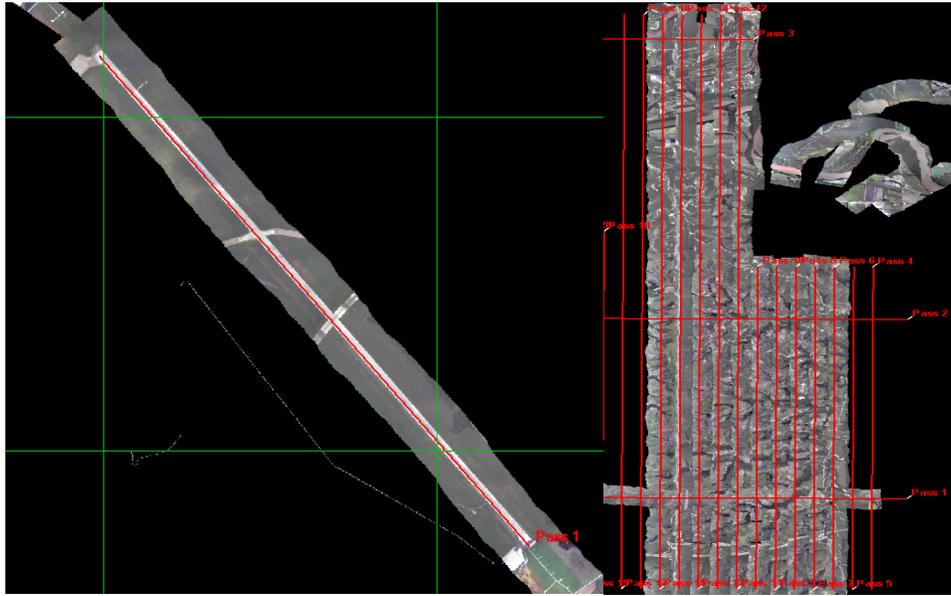
Mercury Lamp data was collected after the mission flight.

Flight Screenshots



Lidar: Nominal Runway

Lidar: KONZ_KONA



NIS: Nominal Runway

NIS: KONZ_KONA

Cumulative Domain Coverage

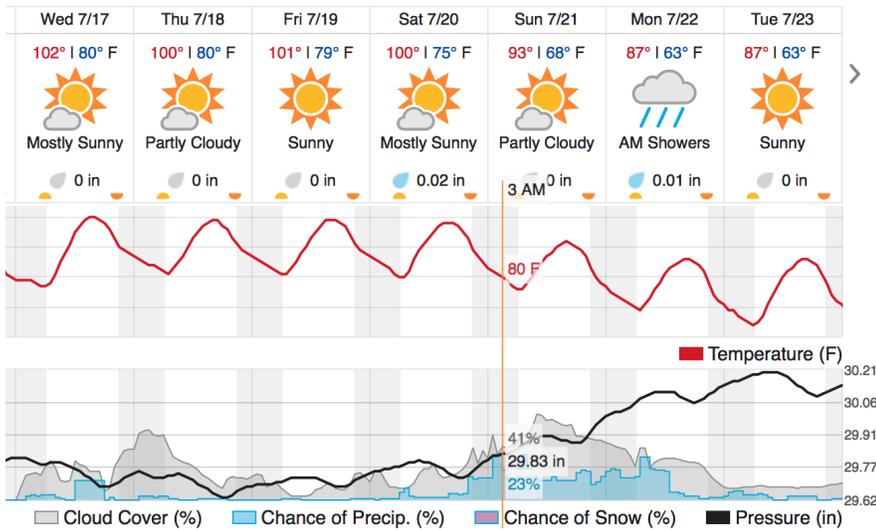
KONZ_KONA

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			

Flown: 95% (36/38)
 Green: 50% (19/38)
 Yellow: 16% (6/38)
 Red: 29% (11/38)

Weather

Manhattan KS



Flight Collection Plan for 17 July 2019

Flyority 1

To be flown only if Green conditions exist.

Collection Area: Konza Prairie Biological Station (KONZ) – Konza Agricultural Site (KONA)

Flight Plan Name: D06_KONZ_KONA_C1_P1_v3

On-station Time: 1450 – 2210Z / 9:50-5:10 L

Crew: Mitch Haynes (lidar), John Adler (NIS)

Flight Collection Plan for 18 July 2019

Transit to Bozeman, MT