



May 16, 2019 Payload 3 Daily Flight Report



Date: 2019-05-16

Flight Campaign ID: 2019_P3C1

Airport, FBO ID, City: Topeka Regional Airport (KFOE) - Topeka, KS

Domain: 06

Sites Flown: KONZ_KONA (Konza Prairie Biological Station and Relocatable Agricultural Site)

Days left in Domain: 13

Report Author: John Adler

Flight Crew: John Adler, Elissa Barris

Ground/GPS: Nick Marusich

Pilots: Jeff Quintanilla, Stephen Brawders

Additional Personnel: none

GPS Instruments: 01 - FBO_KFOE, U-KSU1

Flight Hours: 01:28

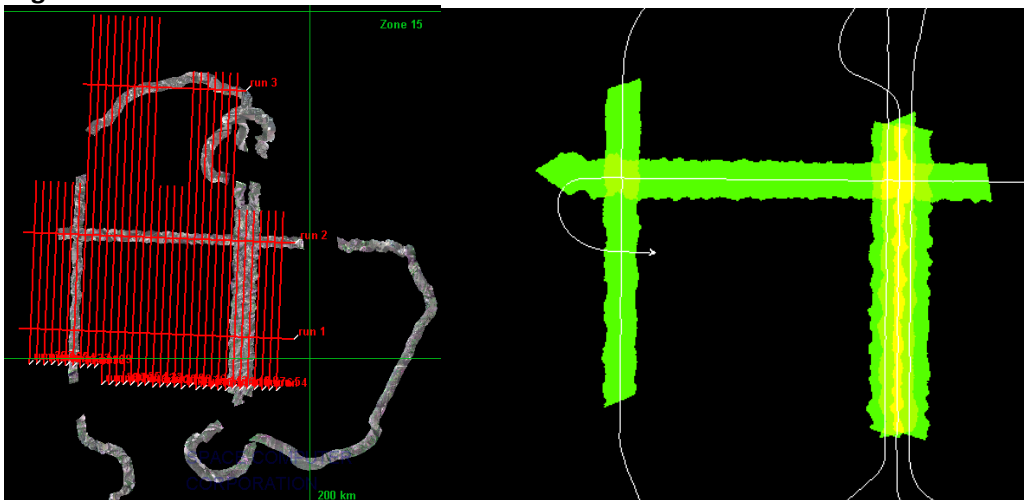
Hours until maintenance: 51.90

Summary: While a gap in cloud cover was forecasted for KONZ_KONA, and appeared to be flyable, the shadows from the cumulus in the area stayed over the KONZ_KONA region. Flight was terminated after four lines.

Concerns: None.

Comments: None.

Flight Screenshots:



Pictures:



Daily Coverage

D06 KONZ_KONA	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	2				✓	✓	✓	NLC
	8				✓	✓	✓	NLC
	9				✓	✓	✓	NLC
	10				✓	✓	✓	NLC
	32				✓	✓	✗	NL
Flown:	5							

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: 13% (5/38)
 Green: 0% (0/38)
 Yellow: 13% (5/38)
 Red: 0% (0/38)

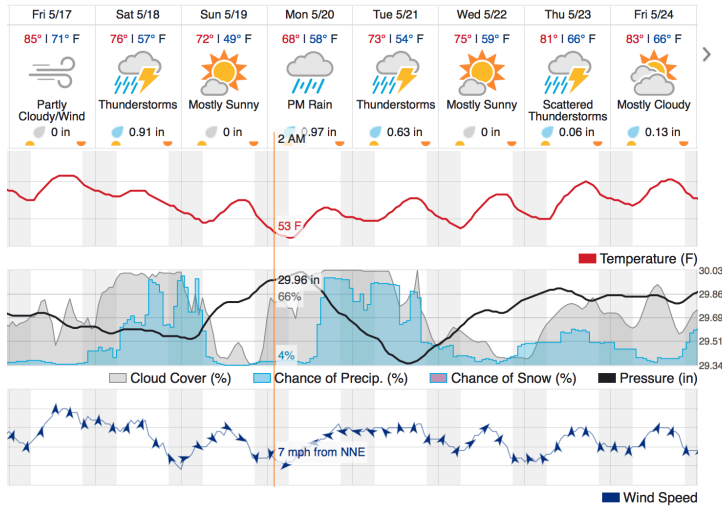
UKFS

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														

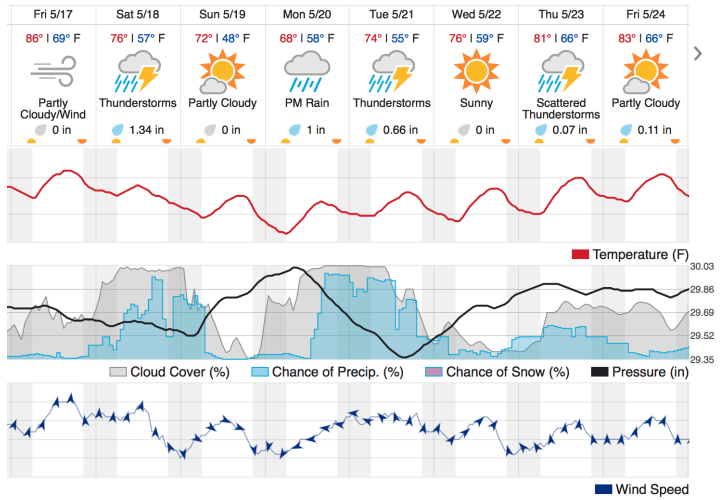
Flown: 0% (0/26)
 Green: 0% (0/26)
 Yellow: 0% (0/26)
 Red: 0% (0/26)

Weather Forecast

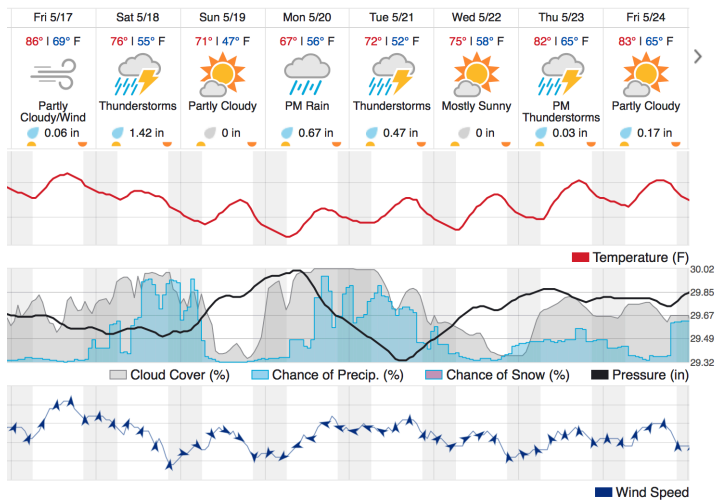
Topeka:



Lawrence:



Manhattan:



Flight Collection Plan for 17 May 2019

Flyority 1

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

Flight Plan Name: D06_KONZ_KONA_C1_P1_v4_Q780

On-station Time: 1450 – 2150Z

Flyority 2

Collection Area: University of Kansas Field Station (UKFS)

Flight Plan Name: D06_UKFS_R1_P1_v3_Q780

On-station Time: 1450 – 2150Z

Crew: Elissa Barris (Lidar), Nick Marusich (NIS), John Adler (GPS/Ground)