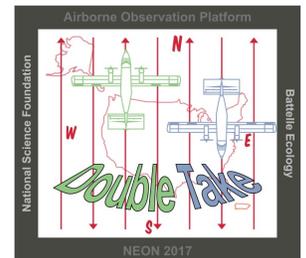




## 2017\_P1C1 Daily Report



**Flight Campaign ID:** 2017\_P1C1

**FBO ID & City:** Forbes Field (KFOE) - Topeka, KS

**Domain:** 06

**Sites Flown:** KONZ/KONA, MCDI

**Days left in Domain:** 10

**Flight Hours:** 04:05

**Hours until maintenance:** 05.92

**Date:** 2017-06-05

**Report Author:** Cameron Chapman

**Pilots:** Justin Eddington, Ben Wooten

**Flight Crew:** Cameron Chapman, Michael Wussow

**Ground/GPS:** Michael Wussow

**Additional Personnel:**

### **GPS Instruments:**

03 - FBO-KFOE, UNAVCO - KSU1

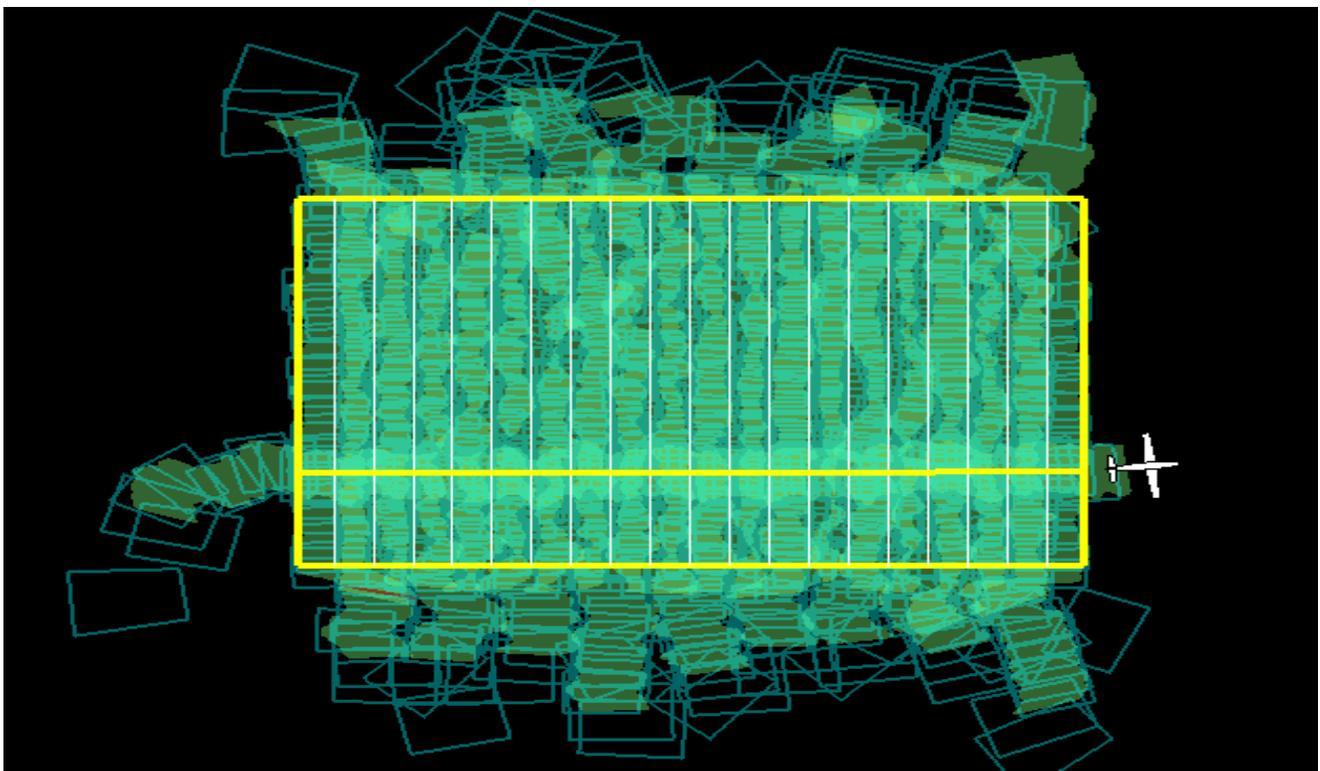
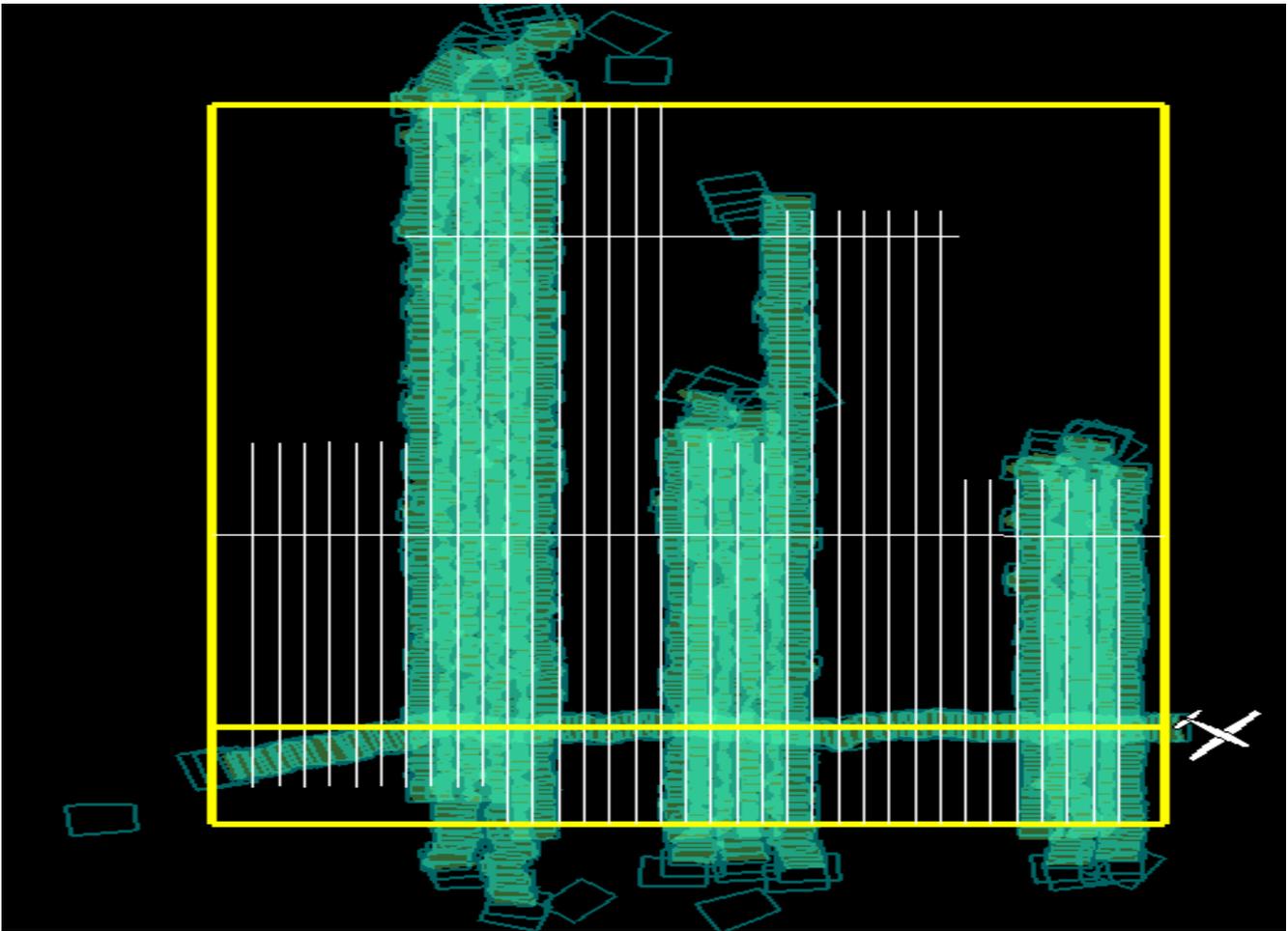
**Summary:** We completed Lines 4-7, 17-21 & 27 – 31 of KONZ-KONA under nominal flight conditions (less than 10% cloud coverage) low cumulus clouds began to saturate the sky around the site so we decided to move south and collect the lower Flyority site under Yellow conditions (10 -50% cloud coverage). We completed an initial collect of McDiffett Creek (MCDI)

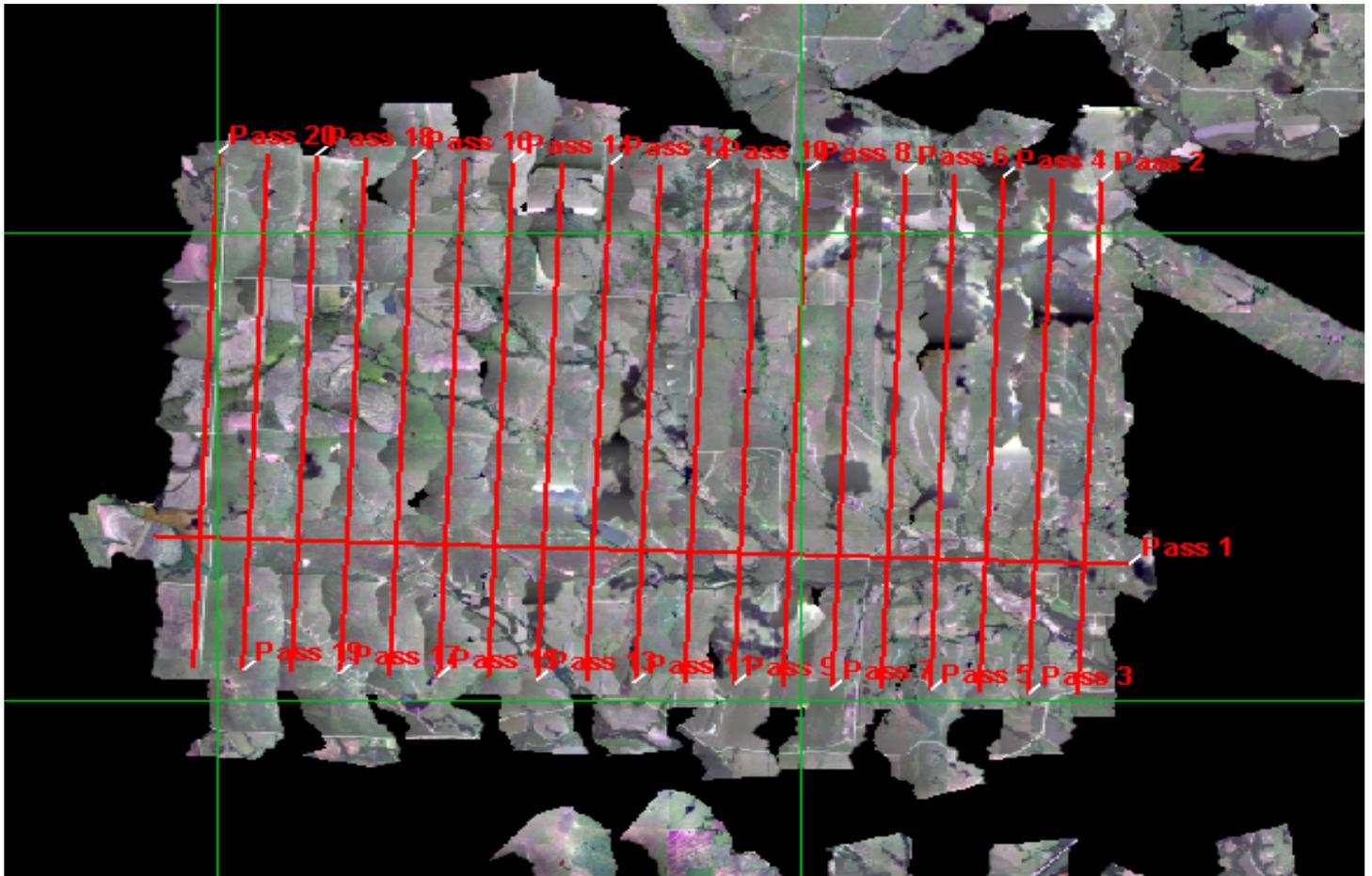
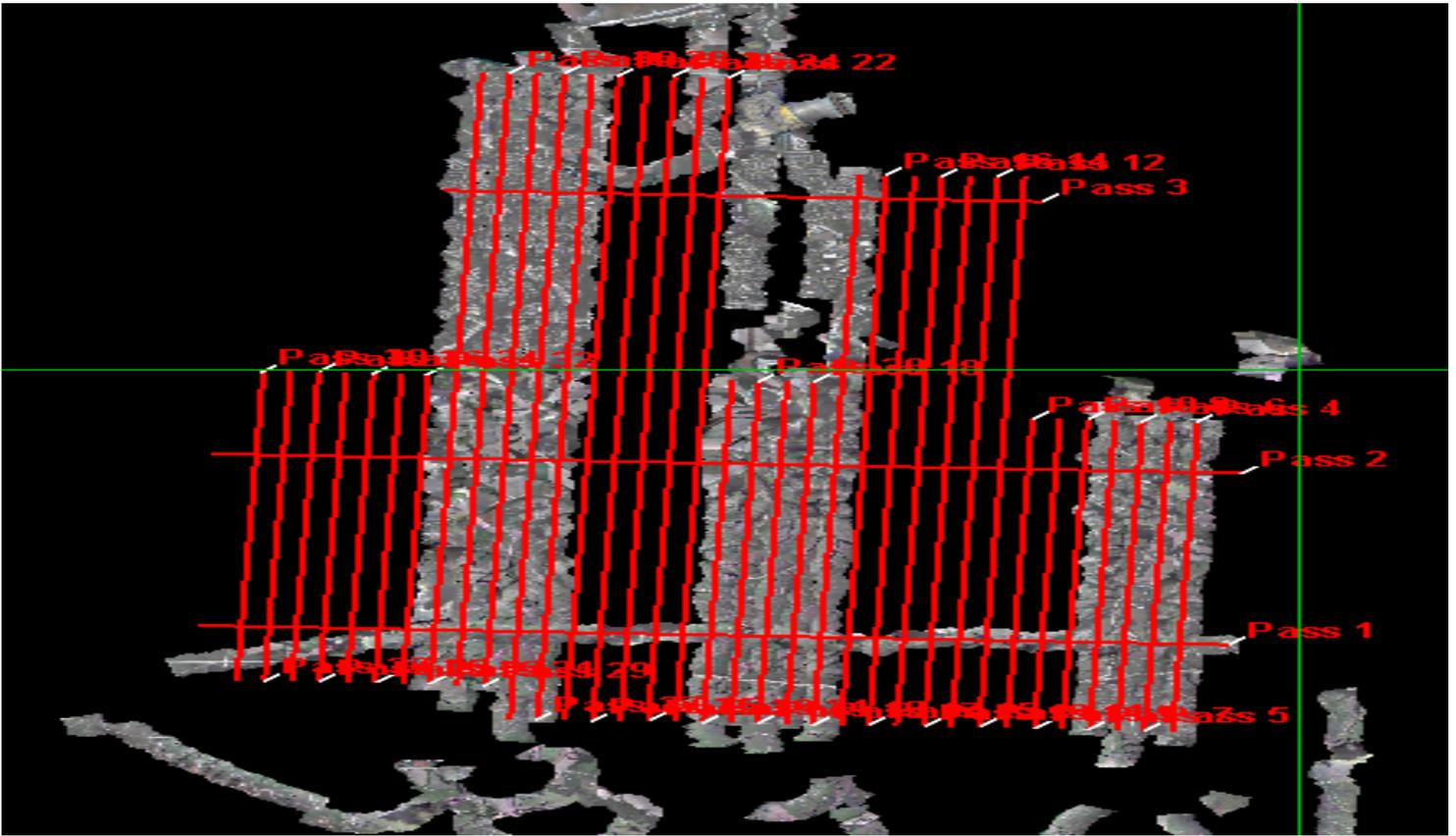
**Issues/Concerns:** None

### **Comments:**

- David Gambino shipped AOP GPS 7 & 11 Back to HQ
- Mike Wussow Deployed AOP GPS 3 at D06 FBO
- Crew rotation / aircraft maintenance is scheduled for Wednesday June 7<sup>th</sup>
- UKFS GPS will be deployed no later than Wednesday

NIS/Lidar Screenshot





## Domain Coverage

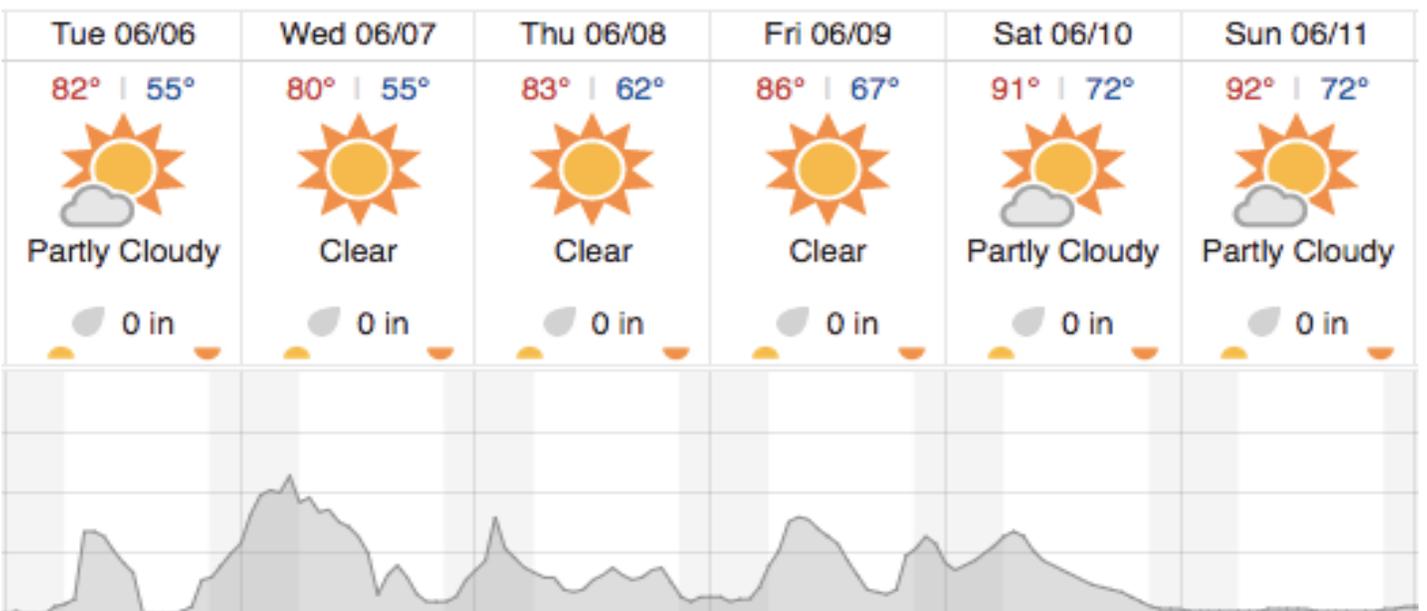
Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
1							NLC
4							NLC
5							NLC
6							NLC
7							NLC
17							NLC
18							NLC
19							NLC
20							NLC
21							NLC
27							NLC
28							NLC
29							NLC
30							NLC
31							NLC
(14/15)							38.89%
Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	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
(0/20)							0.00%

**Pictures:**



Flying over Konza Prairie Biological Station (KONZ) – Konza Agricultural Site (KONA): Photo Credit Mike Wussow

**Weather Forecast: Topeka KS**



**Potential Flight collection Plan for 06 June 2017:**

**Flyority 1:**

Collection Area: Konza Prairie Biological Station (KONZ) – Konza Agricultural Site (KONA) Finish remaining lines “if Green”  
Flight Plan Name: D06\_KONZ\_KONA\_C1\_P1\_v2.pln  
On Station: 0950L / 1450 UTC

**Flyority 2:**

Collection Area: University of Kansas Field Station (UKFS)  
Flight Plan Name: D06\_UKFS\_R1\_P1\_v2.pln  
On Station: 0950L / 1450 UTC

**Flyority 3:**

Collection Area: McDiffett Creek (MCDI) re-fly all lines “if Green”  
Flight Plan Name: D06\_MCDI\_C1\_P2\_v1.pln  
On Station: 0950L / 1450 UTC

**Crew:**

Lidar: Michael Wussow  
NIS: Cameron Chapman  
Ground / GPS: None

**Flight collection Plan for 07 June 2017:**

**Crew Rotation: No Planned Flight Activity**

**Aircraft Maintenance** / System cooling

**Flight collection Plan for 08 June 2017:**

**Flyority 1:**

Collection Area: Konza Prairie Biological Station (KONZ) – Konza Agricultural Site (KONA) Finish remaining lines “if Green”  
Flight Plan Name: D06\_KONZ\_KONA\_C1\_P1\_v2.pln  
On Station: 0950L / 1450 UTC

**Flyority 2:**

Collection Area: University of Kansas Field Station (UKFS)  
Flight Plan Name: D06\_UKFS\_R1\_P1\_v2.pln  
On Station: 0950L / 1450 UTC

**Flyority 3:**

Collection Area: McDiffett Creek (MCDI) re-fly all lines “if Green”  
Flight Plan Name: D06\_MCDI\_C1\_P2\_v1.pln  
On Station: 0950L / 1450 UTC

**Crew:**

Lidar: Cameron Chapman  
NIS: Abe Morrison  
Ground / GPS: Michael Wussow, Doug Cavender