



2017 P1C1 Daily Report



Flight Campaign ID: 2017_P1C1

FBO ID & City: Rhinelander-Oneida City (KRHI) -
Rhinelander, WI

Domain: 05

Sites Flown: STEI/TREE

Days left in Domain: 5

Flight Hours: 01:52, 02:26

Hours until maintenance: 116.58

Date: 2017-09-03

Report Author: Ivana Vu

Pilots: Justin Eddington, Randy Schneider

Flight Crew: Ivana Vu, Abe Morrison

Ground/GPS: David Gambino

Additional Personnel: None

GPS Instruments:

WISCORS - IRMA, WISCORS - RHER

Summary:

Completed initial coverage at STEI-TREE (Steigerwaldt Land Services/Treehaven) Priority 1 Flight Box and part of the Priority 2 Flight Box.

Issues/Concerns:

- During 1st flight, AXE briefly lost power in the middle of collection, causing all Lidar and NIS components not supported by the UPS to shut down. Survey Power on AXE was still reading 27V and Master Power automatically came back on after ~5 seconds. Crew landed at nearby KRHI to restart systems and to refuel – due to the power loss, a POS ground hold was not completed after landing. Tristan and Bridget have been notified in case any lines need to be re-flown. This event will be documented in the anomaly tracker.
- Andrew fixed telemetry laptop issue

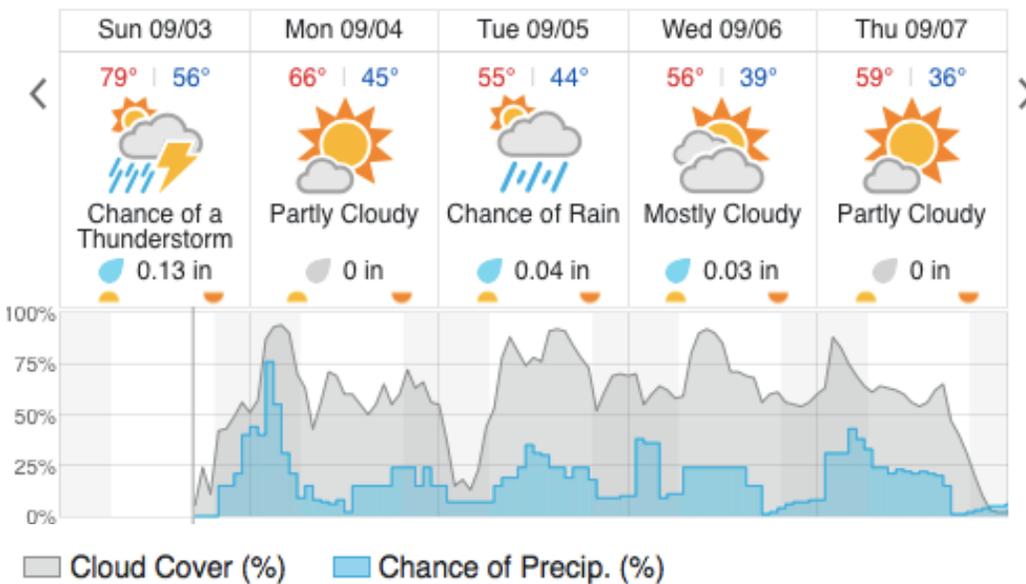
Comments:

- Completed STEI-TREE_P1
 - Lines 1-16: Red (>50% cloud cover)
 - Lines 17-26: Yellow (10-50% cloud cover)
- Completed lines 14-19 at STEI-TREE_P2
 - Lines 14-19: Yellow (10-50% cloud cover)
- Mitch Haynes arrived in D05

Priority 2 Flight Box:

D05 STEI/TREE	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1							NLC
	14							NLC
	15							NLC
	16							NLC
	17							NLC
	18							NLC
	19							NLC
Completed:	(0/19)							0.00%

Weather Forecast



Flight Collection Plan for September 4th 2017

Flyority 1 – *if conditions are green,*

Collection Area: Steigerwaldt Land Services - Treehaven (STEI-TREE) – Priority 1 Flight Box

Flight Plan Name: D05_STEI_TREE_R1_P1_v2B.pln

On Station Time: 1030 Local / 1530 UTC

Flyority 2

Collection Area: Chequamegon-Nicolet National Forest (CHEQ)

Flight Plan Name: D05_CHEQ_R2_P1_v2B.pln

On Station Time: 1030 Local / 1530 UTC

Flyority 3

Collection Area: UNDERC (UNDE)

Flight Plan Name: D05_UNDE_C1_P1_v1B.pln

On Station Time: 1030 Local / 1530 UTC

Flyority 4

Collection Area: Steigerwaldt Land Services - Treehaven (STEI-TREE) – Priority 2 Flight Box

Flight Plan Name: D05_STEI_TREE_R1_P2_v2B.pln

On Station Time: 1030 Local / 1530 UTC

Flyority 5

Collection Area: Little Rock Lake (LIRO)

Flight Plan Name: D05_LIRO_A1_P2_v1B.pln

On Station Time: 1030 Local / 1530 UTC

Crew

Lidar: Abe Morrison, NIS: Mitch Haynes, Ground/GPS: David Gambino

Flight Collection Plan for September 5th 2017

Flyority: Same as previous day unless a flight box has been completed

Crew

Lidar: Mitch Haynes, NIS: Abe Morrison, Ground/GPS: David Gambino