



2017 P2C1 Daily Report



Flight Campaign ID: 2017_P2C1

FBO ID & City: Hillsboro Airport (KHIO) - Hillsboro, OR

Domain: 16

Sites Flown: WREF

Days left in Domain: 1

Flight Hours: Flight 1 - 03:55 | Flight 2 – 02:39

Hours until maintenance: 61.65

Date: 2017-06-21

Report Author: David Gambino

Pilots: Kyler Dalton, Stephen Brawder

Flight Crew: Mitch Haynes, David Gambino

Ground/GPS: Nick Marusich

Additional Personnel:

GPS Instruments:

04 - KHIO, 10 - WREF, UNAVCO - P429

Summary: Crew completed initial coverage of WREF_P1 (mostly green) and most of WREF_P2. We anticipate good weather tomorrow will allow us to complete ABBY.

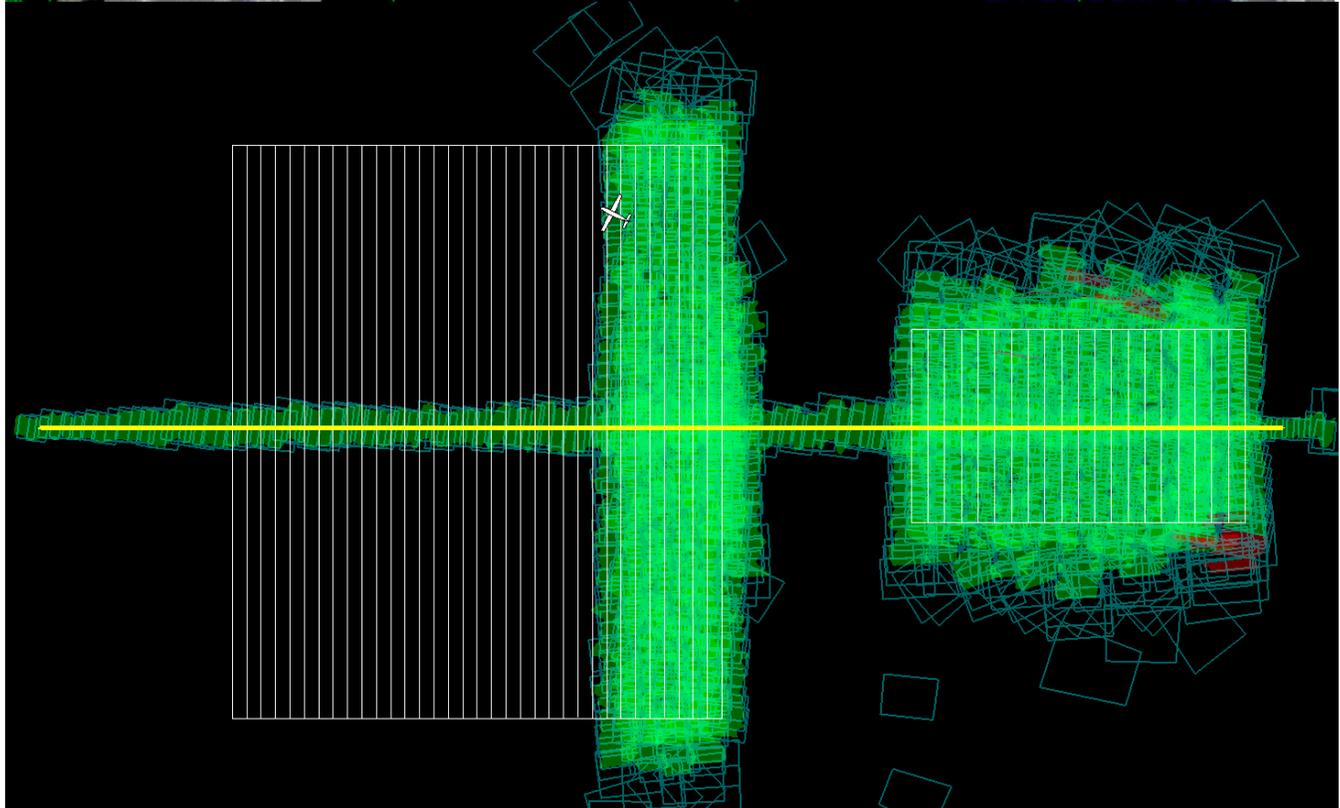
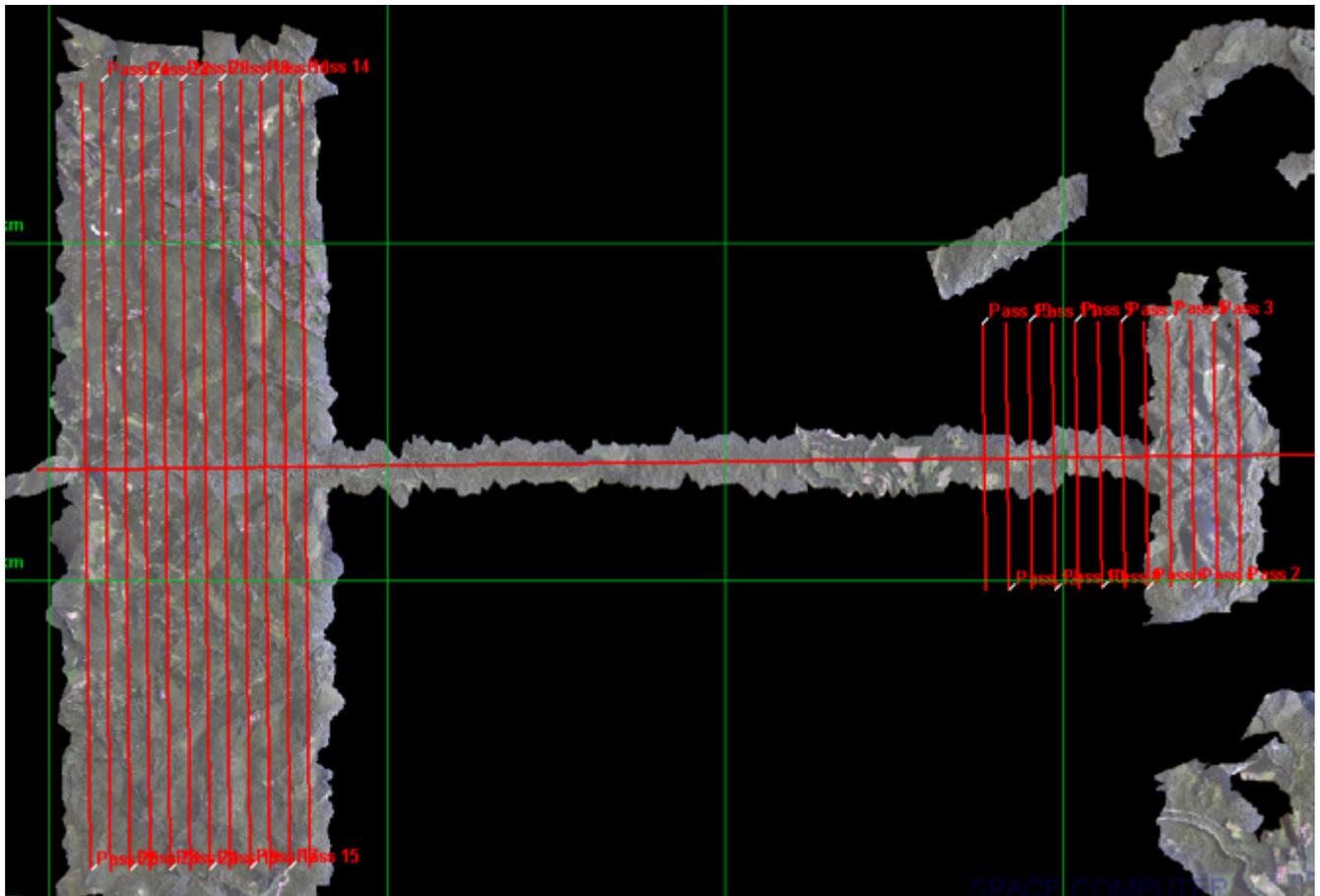
Issues/Concerns:

None

Comments:

- Collected WREF_P1 lines 8-30 under green conditions, and lines 2-7 under yellow conditions
- Collected WREF_P2 lines 2-5, 12-25 under yellow conditions
 - WREF lines 2-5 and 14-17 completed with adjusted sun angle
- Replaced the battery in GPS 10 – WREF
- Tomorrow is the last day of collect for D16

NIS/Lidar Screenshot



Domain Coverage

	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						X		NC
	18								NLC
	19								NLC
	20								NLC
	21								NLC
	22						X		NC
	23								NLC
	24								NLC
	25								NLC
	26								NLC
	27								NLC
	28								NLC
	29								NLC
	30								NLC
Completed:	(23/30)								40.35%

D16 WREF	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1							NLC
	2							NLC
	3							NLC
	4							NLC
	5							NLC
	14							NLC
	15							NLC
	16							NLC
	17							NLC
	18							NLC
	19							NLC
	20							NLC
	21							NLC
	22							NLC
	23							NLC
	24							NLC
	25							NLC
Completed:	(0/17)							0.00%

Pictures:



Above: The most topographically prominent peak of continental United States, Mount Rainier.

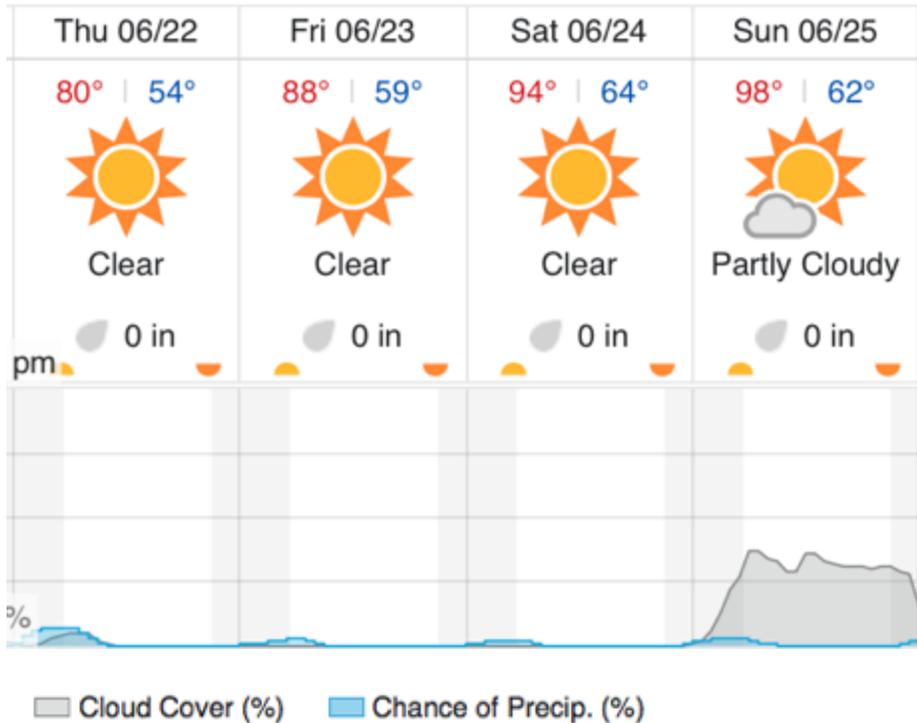
Bottom Left: Wicked looking waterfall just North of the WREF flight box

Bottom Right: The WREF tower; one of the more difficult to spy towers we've collected over

(Image and caption credit: Mitch Haynes)



Weather Forecast



Flight collection Plan for 22 June 2017:

Flyority 1

Collection Area: Wind River Experimental Forest (WREF) – Priority 1 Flight Box (lines 2-7 and 40-57 if green)

Flight Plan Name: D16_WREF_C1_P1_v2.pln

On Station: 0930 L / 1630 UTC

Flyority 2

Collection Area: Abbey Road (ABBY), lines 2-16 & 43-44

Flight Plan Name: D16_ABBY_R2_P1_v2.pln

On Station: 0930 L / 1630 UTC

Flyority 3

Collection Area: Wind River Experimental Forest (WREF) – Priority 2 Flight Box

Flight Plan Name: D16_WREF_C1_P2_v2.pln

On Station: 0930 L / 1630 UTC

Crew

Lidar: Mitch Haynes

NIS: David Gambino

Ground / GPS: Nick Marusich

Flight collection Plan for 23 June 2017:

No Flight Planned

David Gambino travels to Fresno, CA to begin deployment of D17 GPS units.

John Adler arrives in PDX to transit Otter to KFAT on 24 June.

Mitch and Nick collect GPS units.