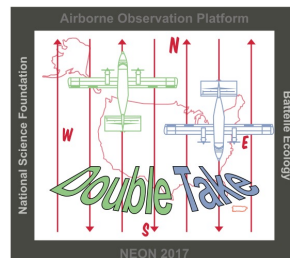




2017 P1C1 Daily Report



Flight Campaign ID: 2017_P1C1

FBO ID & City: Boulder Municipal Airport (KBDU) -
Boulder, CO

Domain: Calibration Flights

Sites Flown: Calibration R10A

Days left in Domain: 7

Flight Hours: 00:46

Hours until maintenance: 34.52

Date: 2017-10-29

Report Author: Cameron Chapman

Pilots: Stephen Brawder, Randy Franzen

Flight Crew: Cameron Chapman, Ivana Vu

Ground/GPS: Matt Devoe

Additional Personnel: Nathan Leisso, Tristan
Goulden

GPS Instruments:

08 - FBO - KBDU

Summary:

Thanks to the valiant efforts of Ivana and the Twin Otter pilots Stephen and Randy, Payload 1 returned to Boulder late last night. This allowed for us to take advantage of the great weather in Boulder. We successfully conducted concurrent Radiometric Calibration flights over Table Mountain with Payload 1 and Payload 3. Great team work today everyone!

Issues/Concerns:

No new issues to report

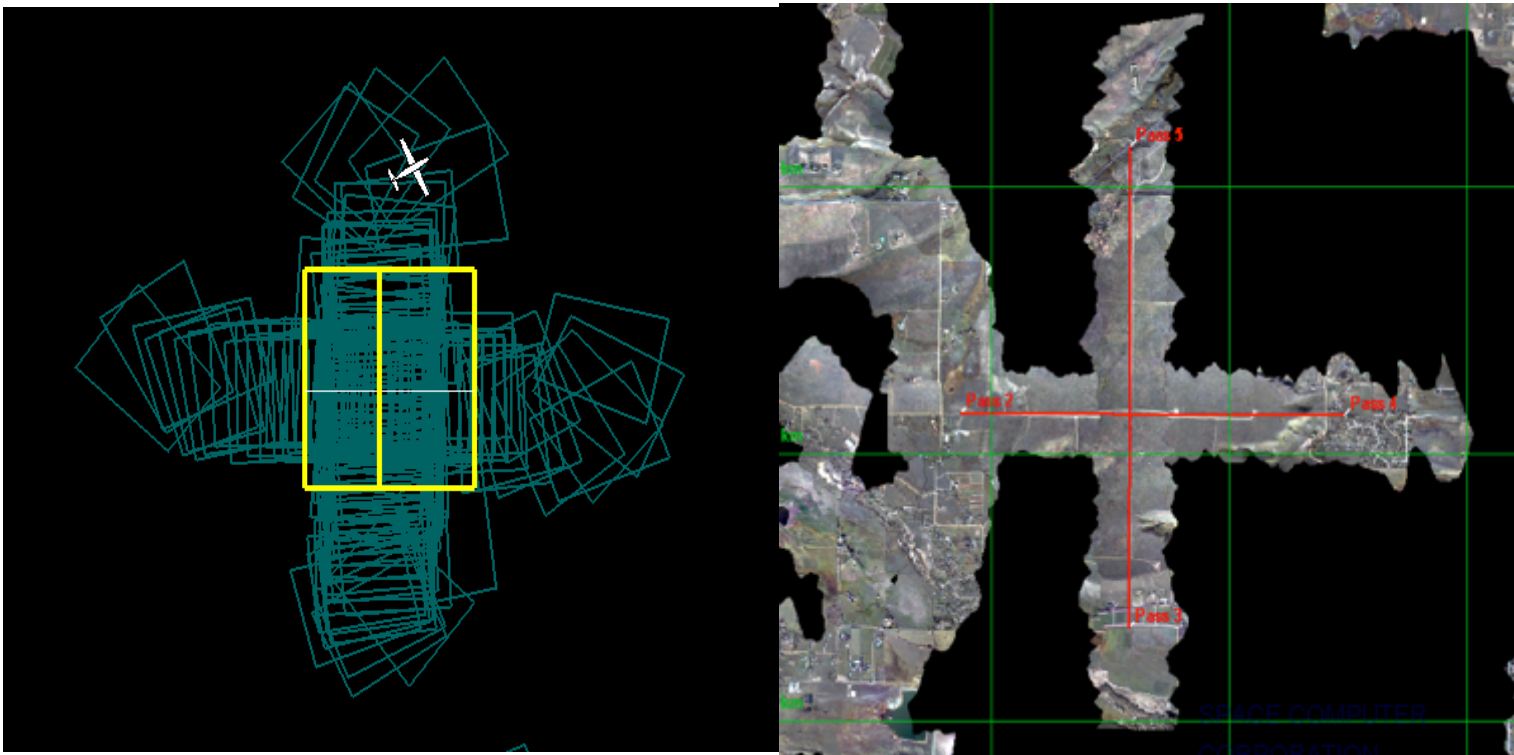
Comments:

- P3 has been shutdown and is scheduled for de-install later this week
- P1 will conduct end of season calibration flights until Nov 5
- No Lidar data was acquired over R10A

Flight collection Plan R10A

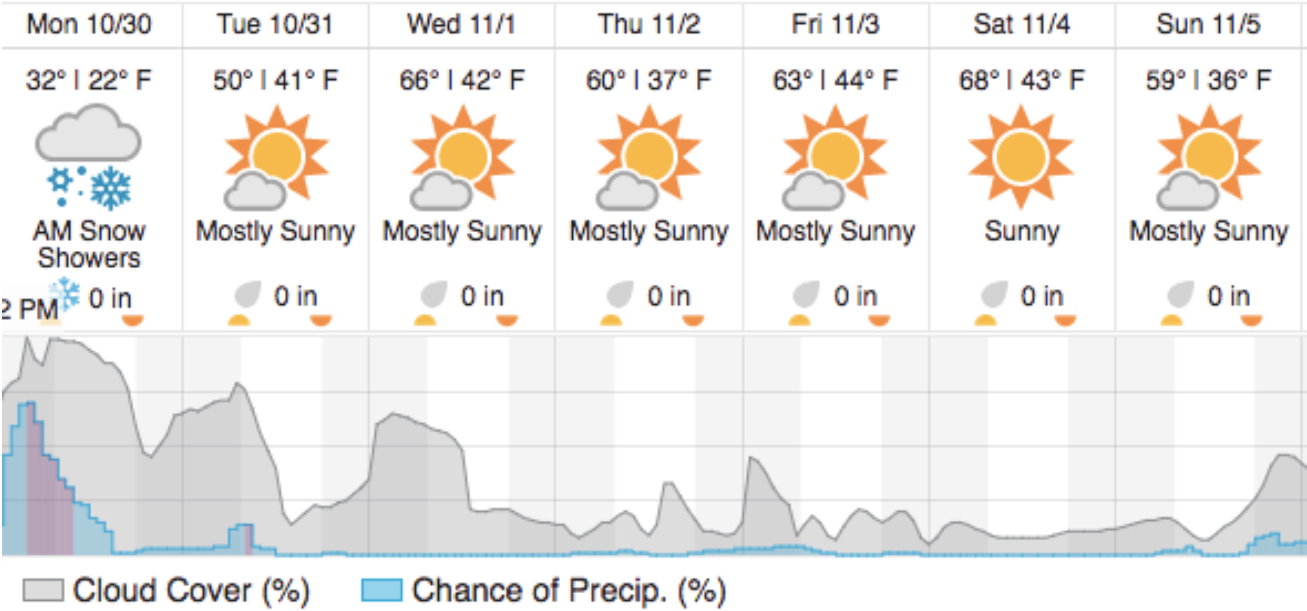
D00 Calibration R10A	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1							NLC
	2							NLC
	3							NLC
	4							NLC
	5							NLC
Completed:	(5/5)							+Inf%

NIS/Lidar Screenshot



Weather Forecast

Boulder, CO



Pictures:



Payload 1 (right) Payload 3 (left) at the AOP Hangar prior to flights on 10/29



Photo taken from Payload 1 looking back toward payload 3 prior to takeoff



Clear skies and awesome views over Table Mountain

Flight Collection Plan for October 30th 2017:

No planned flight activity

Flight Collection Plan for October 31st 2017:

Flyority 1

Collection Area: Greeley Boresight Geocalibration

Flight Plan Name: D10_B10B_Greeley_Boresight_Geocalibration_Plan_v8.pln

On Station Time: 1700 Local / 1100 UTC (30^o)

Flyority 2

Collection Area: NIS Offset

Flight Plan Name: D10_O10A_NIS_Offset_v1.pln

On Station Time: 1700 Local / 1100 UTC (30^o)

Flyority 3

Collection Area: Nominal Runway

Flight Plan Name: D10_N10B_Nominal_Runway_Test_v6.pln

On Station Time: 1700 Local / 1100 UTC (30^o)

Flyority4

Collection Area: Wiggle Timing Test – Boulder Airport

Flight Plan Name: D10_W10B_Wiggle_Test_v4.pln

On Station Time: 1700 Local / 1100 UTC (30^o)

Crew

Lidar: Mitch Haynes, NIS: Ivana Vu, Ground/GPS: Abe Morrison

Flight Collection Plan for November 1st 2017:

Flyority 1

Collection Area: Greeley Boresight Geocalibration

Flight Plan Name: D10_B10B_Greeley_Boresight_Geocalibration_Plan_v8.pln

On Station Time: 1700 Local / 1100 UTC (30^o)

Flyority 2

Collection Area: NIS Offset

Flight Plan Name: D10_O10A_NIS_Offset_v1.pln

On Station Time: 1700 Local / 1100 UTC (30^o)

Flyority 3

Collection Area: Nominal Runway

Flight Plan Name: D10_N10B_Nominal_Runway_Test_v6.pln

On Station Time: 1700 Local / 1100 UTC (30^o)

Flyority4

Collection Area: Wiggle Timing Test – Boulder Airport

Flight Plan Name: D10_W10B_Wiggle_Test_v4.pln

On Station Time: 1700 Local / 1100 UTC (30^o)

Crew

Lidar: Ivana Vu, NIS Abe Morrison, Ground/GPS: Cameron Chapman