March 12, 2019 Payload 2 Daily Flight Report

Date: 2019-03-12
Flight Campaign ID: 2019_P2C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO

Domain: 00
Sites Flown: V10C (Boulder City South)
Days left in Domain: 11

Report Author: Mitch Haynes
Flight Crew: Bridget Hass, Ivana Vu, Mitch Haynes, Nick Marusich, Cam Chapman
Ground/GPS: Matt DeVoe, Robb Walker
Pilots: Mike Francis, Jeff Quintanilla
Additional Personnel:
GPS Instruments: 01 - BLAN, 01 - FBO_KBDU

Flight Hours: 00:55
Hours until maintenance: 114.77

Summary
No chance at a green collect for remaining calibration flights with a high layer of stratus and cumulus over Boulder. Mission focused back to training flights, with two flights being flown as we continued to re-certify crew members in anticipation of science collects.

Concerns
- Camera trigger timing does not appear to be importing from flight plan into Phase-One iX camera software. Checklist will be adjusted for ASOs to manually check and change trigger time if needed.
- Test extraction on HTK2 for one of yesterday’s training flights failed, and is in the process of being re-run.
- Snowstorm incoming will likely ground flights for the coming day(s). Be safe out there.

Comments
- Recerts: Bridget and Nick re-certified on NIS. Ivana and Mitch re-certified on Lidar. Matt re-certified on Ground.
- There are no plans to extract data from today’s training flights.
Above: Mountains above Boulder. Uncertain which one this is. Photo by Ivana Vu.

**Cumulative Domain Coverage**

**B10B**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
Flown: 100% (20/20)  
Green: 100% (20/20)  
Yellow: 0% (0/20)  
Red: 0% (0/20)

**H10B**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
Flown: 100% (4/4)  
Green: 0% (0/4)  
Yellow: 0% (0/4)  
Red: 100% (4/4)

**N10D**

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

**O10A**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
Flown: 0% (0/2)  
Green: 0% (0/2)
Flight Collection Plan for 13 March 2019

Flyority 1
Collection Area: Radiometric Calibration - Table Mountain
Flight Plan Name: D10_R10A_Radiometric_Calibration_Table_Mountain_v1.pln
On Station Time: 1220 Local / 1820 UTC (45 deg)

Flyority 2
Collection Area: NIS Offset
Flight Plan Name: D10_O10A_NIS_Offset_v1.pln
On Station Time: 1050 Local / 1650 UTC
Crew: TBD