April 14, 2019 Payload 3 Daily Flight Report

Date: 2019-04-14  
Flight Campaign ID: 2019_P3C1  
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO

Domain: 00  
Sites Flown: V10C  
Days left in Domain: 3

Report Author: Bridget Hass  
Flight Crew: Bridget Hass, Elissa Barris, John Adler  
Ground/GPS: Matt DeVoe  
Pilots: Mark Solper, Mike Francis  
Additional Personnel:  
GPS Instruments: AOP_GPS01

Flight Hours: 01:28  
Hours until maintenance: 112.07

Summary
Two training flights completed - Elissa observed and trained on NIS and Bridget completed her Riegl Lidar certification flight, John Adler trained.

Concerns
None

Comments
The first flight (2019041415_P3C1) will be extracted on Monday morning and the second flight disks were left on the plane and to be cleared and re-used.
Screenshots

2019041415_P3C1 V10C lines 6-9 Lidar (left) and NIS (right)

2019041417_P3C1 V10C lines 10-11 Lidar (left) and NIS (right)
Cumulative Domain Coverage

**B10D_1600m**

- Flown: 100% (3/3)
- Green: 100% (3/3)
- Yellow: 0% (0/3)
- Red: 100% (3/3)

**B10D_1000m**

- Flown: 100% (8/8)
- Green: 100% (8/8)
- Yellow: 0% (0/8)
- Red: 0% (0/8)

**B10D_500m**

- Flown: 100% (9/9)
- Green: 100% (9/9)
- Yellow: 0% (0/9)
- Red: 0% (0/9)

**H10C**

- Flown: 200% (4/2)
- Green: 0% (0/2)
- Yellow: 0% (0/2)
- Red: 450% (9/2)

**N10D**

- Flown: 85% (22/26)
- Green: 0% (0/26)
- Yellow: 0% (0/26)
- Red: 85% (22/26)

**O10B**

- Flown: 0% (0/2)
- Green: 0% (0/2)
- Yellow: 0% (0/2)
- Red: 0% (0/2)

**R10C**

- Flown: 100% (5/5)
- Green: 0% (0/5)
- Yellow: 0% (0/5)
- Red: 100% (5/5)

**W10C**

- Flown: 100% (2/2)
- Green: 0% (0/2)
- Yellow: 0% (0/2)
- Red: 100% (2/2)
Weather
Boulder, CO

Flight Collection Plan for 14 April 2019
Flyority 1
0900 Local time for NIS offset flight O10A if weather cooperates, training flights otherwise.

Crew: John Adler, Elissa Barris, Robb Walker and Matt DeVoe