August 4, 2018 Payload 3 Daily Flight Report

Date: 2018-08-04
Flight Campaign ID: 2018_P3C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO

Domain: 13
Sites Flown: None
Days left in Domain: 13

Report Author: Cameron Chapman
Flight Crew: Cameron Chapman, Robb Walker

Ground/GPS: Abe Morrison
Pilots: Stephen Brawders, Gina Moore

Flight Hours: 00:00
Hours until maintenance: 125.00

Additional Personnel:
GPS Instruments: N/A

Summary
Morning clouds and afternoon isolated rain showers over the survey areas kept the aircraft grounded.

Concerns
None

Comments
- TOIL Pilot Gina Moore rotated out and Grant Frost rotated in. Thanks for all the hard work Gina!

Pictures: None

Cumulative Domain Coverage

MOAB

|    | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|----|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
|    | 21| 22| 23| 24| 25| 26| 27| 28| 29|    |    |    |    |    |    |    |    |    |    |

Flown: 100% (29/29)
Green: 100% (29/29)
Yellow: 0% (0/29)
Red: 0% (0/29)

NIWO

|    | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|----|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
|    | 21| 22| 23| 24| 25| 26| 27| 28| 29| 30  | 31  | 32  | 33  | 34  | 35  | 36  | 37  | 38  | 39  | 40  |
|    | 41| 42| 43| 44| 45| 46| 47| 48| 49| 50  | 51  | 52  |    |    |    |    |    |    |    |

Flown: 44% (23/52)
Green: 42% (22/52)
Yellow: 2% (1/52)
Red: 0% (0/52)

WLOU

|    | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|----|---|---|---|---|---|---|---|---|---|----|----|----|----|
|    | 21 |    |    |    |    |    |    |    |    |    |    |    |    |

Flown: 0% (0/14)
Green: 0% (0/14)
Yellow: 0% (0/14)
Red: 0% (0/14)
Flight Collection Plan for 05 Aug 2018

**Flyority 1** (Flight Priority 1):
Collection Area: Table Mountain Radiometric Calibration
Flight Plan Name: D10_R10C_Rad_Cal_TBMT_v1_Q780
On-Station Time: 15:59 UTC / 0959 L

**Flyority 2** (Flight Priority 2): **Lines 2-30**
Collection Area: Niwot Ridge Mountain Research Station (NIWO)
Flight Plan Name: D13_NIWO_C1_P1_v5_Q780
On-Station Time: 15:33 UTC / 0933 L

**Flyority 3** (Flight Priority 3):
Collection Area: Rocky Mountain National Park (RMNP)
Flight Plan Name: D10_RMNP_R2_P1_v2_Q780
On-Station Time: 15:33 UTC / 0933 L

**Flyority 4** (Flight Priority 4):
Collection Area: Sterling Agricultural Site (STER)
Flight Plan Name: D10_STER_R1_P1_v3_Q780
On-Station Time: 15:25 UTC / 0925 L

**Flyority 5** (Flight Priority 5):
Collection Area: West St. Louis Creek (WLOU)
Flight Plan Name: D13_WLOU_A1_P1_v1_Q780
On-Station Time: 15:35 UTC / 0935 L

Crew: Robb Walker (Lidar), Cameron Chapman (NIS)