Date: 2022-07-02
Flight Campaign ID: P1C1
Airport, FBO ID, City: Portland-Hillsborough Airport (KHIO) - Hillsboro, OR
Aircraft: N331AR

Domain: 16 (Pacific Northwest)
Sites Flown: None
Days left in Domain: 13

Report Author: Cameron
Lidar Operators: Cameron  Flight Hours: 00:00
Spectrometer Operators: Michael  Hours until maintenance: 121.25
Pilots: Justin, Robbie

Summary
The crew started the pumping and cooling process. We anticipate the system will be ready for data collection on Monday.

Concerns
- None

Comments
- GPS 4 was deployed at the KHIO airport.

Pictures:
Mike setting up the GPS at the Airport
## Cumulative Domain Coverage

### D16|ABBY (Abby Road)

| 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 |

- **Flown:** 0% (0/44)
- **Green:** 0% (0/44)
- **Yellow:** 0% (0/44)
- **Red:** 0% (0/44)

### D16|MCRA (McRae Creek)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

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

### D16|N16A (D16 Nominal Runway)

| 1 |

- **Flown:** 0% (0/1)
- **Green:** 0% (0/1)
- **Yellow:** 0% (0/1)
- **Red:** 0% (0/1)

### D16|WREF_P1 (Wind River Experimental Forest Priority 1)

| 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 | 53 | 54 | 55 | 56 | 57 |

- **Flown:** 0% (0/57)
- **Green:** 0% (0/57)
- **Yellow:** 0% (0/57)
- **Red:** 0% (0/57)

### D16|WREF_P2 (Wind River Experimental Forest Priority 2)

| 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 |

- **Flown:** 0% (0/21)
- **Green:** 0% (0/21)
- **Yellow:** 0% (0/21)
- **Red:** 0% (0/21)
Flight Collection Plan for July 3, 2022
Pumping and Cooling of System
Crew: Cam and Mike

Flight Collection Plan for July 4, 2022
Flyority 1
Collection Area: Abby Road (ABBY)
Flight Plan Name: D16_ABBY_R2_P1_v2_PRM.xml
On-station Time: 1640 UTC / 0940 L

Flyority 2
Collection Area: Wind River Experimental Forest (WREF) – Priority 1 Flight Box
Flight Plan Name: D16_WREF_C1_P1_P2_v3_PRM.xml
On-station Time: 1640 UTC / 0940 L

Flyority 3
Collection Area: McRae Creek (MCRA)
Flight Plan Name: D16_MCRA_A2_P1_v2_PRM.xml
On-station Time: 1640 UTC / 0940 L

Flyority 4
Collection Area: Wind River Experimental Forest (WREF) – Priority 2 Flight Box
Flight Plan Name: D16_WREF_C1_P1_P2_v3_PRM.xml
On-station Time: 1640 UTC / 0940 L

Flyority 5
Collection Area: Nominal Runway – D16
Flight Plan Name: D16_N16A_Nominal_Runway_Test_v2_PRM.xml
On-station Time: N/A