Payload 1 Daily Flight Report

Date: 2021-07-26
Flight Campaign ID: P1C2
Airport, FBO ID, City: Portland-Hillsborough Airport (KHIO) - Hillsboro, OR
Aircraft: N331AR

Domain: 16 (Pacific Northwest)
Sites Flown: None
Days left in Domain: 1

Report Author: Abe Morrison
Lidar Operators: Abe Morrison
Spectrometer Operators: Mitch Haynes
Pilots: Justin Eddington, Nick Koukoutsakis
Flight Hours: 00:00
Hours until maintenance: 83.20
GPS Instruments: N/A

Summary
High Cirrus clouds all day did not allow for any “green up” flights to be conducted.

Concerns
- Waveform “Buffer Overflow” continues to be worked on by the crew with HQ and OEM support.
- Pilot display intermittent failure continues to be worked on by the crew and HQ.

Comments
None

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: 100% (44/44)
Green: 30% (13/44)
Yellow: 0% (0/44)
Red: 70% (31/44)

D16 | MCRA (Mcrane Creek)

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Flown: 100% (9/9)
Green: 100% (9/9)
Yellow: 0% (0/9)
Red: 0% (0/9)
D16|N16A (D16 Nominal Runway)

Flown: 100% (1/1)
Green: 100% (1/1)
Yellow: 0% (0/1)
Red: 0% (0/1)

D16|WREF_P1 (Wind River Experimental Forest Priority 1)

Flown: 100% (57/57)
Green: 100% (57/57)
Yellow: 0% (0/57)
Red: 0% (0/57)

D16|WREF_P2 (Wind River Experimental Forest Priority 2)

Flown: 100% (21/21)
Green: 0% (0/21)
Yellow: 76% (16/21)
Red: 24% (5/21)

Weather Forecast
Carson, WA

source: wunderground.com

Flight Collection Plan for July 27 2021
Flyority 1
Collection Area: Abby Road (ABBY)
Flight Plan Name: D16_ABBY_R1_P1_v2_PRM.xml
On-Station Time: 1650 UTC/ 0950 L

Flyority 2
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

Crew: Abe, Mitch