Date: 2022-07-04
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: 11

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

Summary
Early morning clouds started to dissipate in the afternoon however it did not reach flyable conditions. No flights were attempted.

Concerns
- The tower cameras at both ABBY & WREF are inaccessible.
- Both UPS batteries started to drain at different times during today’s boot of the NON-ECS & the DCC. A note has been made in the pass-down log.

Comments
- D16 Hg Lamp test was competed today.
- Happy Independence Day!!

Daily Coverage
Estimated Cloud Cover Key

<table>
<thead>
<tr>
<th>Green: 0-10%</th>
<th>Yellow: 11-50%</th>
<th>Red: &gt;50%</th>
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</thead>
</table>

Flight Screenshots: None

Pictures: None

Cumulative Domain Coverage

D16|ABBY (Abby Road )

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<tbody>
<tr>
<td>Flown:</td>
<td>0% (0/44)</td>
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</table>
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)

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)

Hillsboro, OR (FBO)

<table>
<thead>
<tr>
<th>Tue 7/5</th>
<th>Wed 7/6</th>
<th>Thu 7/7</th>
<th>Fri 7/8</th>
<th>Sat 7/9</th>
<th>Sun 7/10</th>
<th>Mon 7/11</th>
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</thead>
<tbody>
<tr>
<td>74°</td>
<td>59°F</td>
<td>74°</td>
<td>57°F</td>
<td>75°</td>
<td>55°F</td>
<td>79°</td>
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</table>

Cloudy Cloudy AM Clouds/PM Sun Partly Cloudy Mostly Sunny Partly Cloudy Partly Cloudy
Flight Collection Plan for July 5, 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

Crew: Mike (Lidar), Cam (NIS)