Date: 2019-09-07
Flight Campaign ID: 2019_P2C1
Airport, FBO ID, City: Scottsdale Airport (KSDL) - Scottsdale, AZ

Domain: 14
Sites Flown: None
Days left in Domain: 7

Report Author: Ivana Vu
Flight Crew: Mitch Haynes, Ivana Vu
Ground/GPS: Cameron Chapman
Pilots: Micah Hoogeveen, Paul Muth
Additional Personnel: None
GPS Instruments: None

Summary
Cloud cover at both sites prevented flights today.

Concerns
None

Comments
Current forecasts indicate that weather will clear up near the end of next week so we will likely extend our stay in D14 for 2 days in order to complete coverage at SRER and SYCA – this would push the transit from September 13 to the 15th.

Estimated Cloud Cover Key

<table>
<thead>
<tr>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
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<tbody>
<tr>
<td>0-10%</td>
<td>10-50%</td>
<td>&gt;50%</td>
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Cumulative Domain Coverage

**JORN_P1**

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Flown: 100% (34/34)
Green: 91% (31/34)
Yellow: 9% (3/34)
Red: 0% (0/34)

**JORN_P2**

| 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 55 |

Flown: 100% (21/21)
Green: 5% (1/21)
Yellow: 100% (21/21)
Red: 0% (0/21)

N14A
Flown: 100% (1/1)
Green: 100% (1/1)
Yellow: 0% (0/1)
Red: 0% (0/1)

<table>
<thead>
<tr>
<th>Flown: 100% (40/40)</th>
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<tbody>
<tr>
<td>Green: 88% (35/40)</td>
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<tr>
<td>Yellow: 28% (11/40)</td>
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<tr>
<td>Red: 0% (0/40)</td>
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**SRER_P1**

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Flown: 100% (40/40)
Green: 88% (35/40)
Yellow: 28% (11/40)
Red: 0% (0/40)

**SRER_P2**

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Flown: 58% (14/24)
Green: 0% (0/24)
Yellow: 58% (14/24)
Red: 0% (0/24)

**SRER_P3**

| 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 85 | 86 | 87 | 88 | 89 | 90 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

Flown: 38% (10/26)
Green: 38% (10/26)
Yellow: 0% (0/26)
Red: 0% (0/26)

**SYCA**

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Flown: 0% (0/52)
Green: 0% (0/52)
Yellow: 0% (0/52)
Red: 0% (0/52)

**Weather Forecast**

Tucson, AZ (SRER)

<table>
<thead>
<tr>
<th>Sun 9/8</th>
<th>Mon 9/9</th>
<th>Tue 9/10</th>
<th>Wed 9/11</th>
<th>Thu 9/12</th>
<th>Fri 9/13</th>
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<tbody>
<tr>
<td>96°</td>
<td>73°F</td>
<td>91°</td>
<td>72°F</td>
<td>91°</td>
<td>70°F</td>
</tr>
<tr>
<td>Party Cloudy</td>
<td>Party Cloudy</td>
<td>Party Cloudy</td>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
</tr>
<tr>
<td>0.13 in</td>
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<td>0 in</td>
<td>0 in</td>
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</tbody>
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**Rio Verde, AZ (SYCA)**
Flight Collection Plan for 8 September 2019

Flyority 1:
Collection Area: Santa Rita Experimental Range – Priority 1 Flight Box (SRER_P1), Re-fly lines 30-35 if Green
Flight Plan Name: D14_SRER_C1_P1_P2_P3_v5.pln
On-station Time: 1620 – 2230 UTC / 0920 – 1530 MST

Flyority 2:
Collection Area: Santa Rita Experimental Range – Priority 2 Flight Box (SRER_P2)
Flight Plan Name: D14_SRER_C1_P1_P2_P3_v5.pln
On-station Time: 1620 – 2230 UTC / 0920 – 1530 MST

Flyority 3:
Collection Area: Santa Rita Experimental Range – Priority 3 Flight Box (SRER_P3)
Flight Plan Name: D14_SRER_C1_P1_P2_P3_v5.pln
On-station Time: 1620 – 2230 UTC / 0920 – 1530 MST

Flyority 4:
Collection Area: Sycamore Creek – Priority 1 Flight Box (SYCA)
Flight Plan Name: D14_SYCA_A1_P1_v5_750_max.pln
On-station Time: 1620 – 2230 UTC / 0920 – 1530 MST
Crew: Mitch Haynes (Lidar), Cameron Chapman (NIS), Ivana Vu (Ground/GPS)

Flight Collection Plan for 9 September 2019
Crew: Cameron Chapman (Lidar), Ivana Vu (NIS), Mitch Hayne (Ground/GPS)