Date: 2018-08-20
Flight Campaign ID: 2018_P3C1
Airport, FBO ID, City: Tucson International Airport (KTUS) - Tucson, AZ

Domain: 14
Sites Flown: Transit
Days left in Domain: 12

Report Author: Cameron Chapman
Flight Crew: Cameron Chapman, Mitch Haynes          Flight Hours: 0:00
Ground/GPS: Abe Morrison                    Hours until maintenance: 111.57
Pilots: Grant Frost, Hans Germann
Additional Personnel:

Summary
Clouds dominated the skies at all sites. No flights were attempted.

Concerns
See New Issues

Comments
--GPS 11 & GPS 12 were inspected today

Pictures: None

Cumulative Domain Coverage

**JORN_P1**

|   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
| Flown: | 0% (0/34) | Green: | 0% (0/34) | Yellow: | 0% (0/34) | Red: | 0% (0/34) |

**JORN_P2**

|   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
| Flown: | 0% (0/21) | Green: | 0% (0/21) | Yellow: | 0% (0/21) | Red: | 0% (0/21) |

**SRER_P1**

|   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
| Flown: | 0% (0/40) | Green: | 0% (0/40) | Yellow: | 0% (0/40) | Red: | 0% (0/40) |
New Issues

<table>
<thead>
<tr>
<th>Fault</th>
<th>Open Date: 8/20/2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chiller Pump Failed for the second time. Cycling the power on the UPS 1500 seemed to resolve the issue however the cause is unknown. Flight ops will continue to monitor the issue.</td>
<td></td>
</tr>
</tbody>
</table>

Weather Forecast

Tucson AZ

<table>
<thead>
<tr>
<th>Tue 8/21</th>
<th>Wed 8/22</th>
<th>Thu 8/23</th>
<th>Fri 8/24</th>
<th>Sat 8/25</th>
<th>Sun 8/26</th>
<th>Mon 8/27</th>
<th>Tue 8/28</th>
<th>Wed 8/29</th>
</tr>
</thead>
<tbody>
<tr>
<td>97°</td>
<td>76°</td>
<td>95°</td>
<td>75°</td>
<td>94°</td>
<td>74°</td>
<td>95°</td>
<td>74°</td>
<td>97°</td>
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</tbody>
</table>

Las Cruces NM

<table>
<thead>
<tr>
<th>Tue 8/21</th>
<th>Wed 8/22</th>
<th>Thu 8/23</th>
<th>Fri 8/24</th>
<th>Sat 8/25</th>
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<th>Mon 8/27</th>
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<th>Wed 8/29</th>
</tr>
</thead>
<tbody>
<tr>
<td>97°</td>
<td>72°</td>
<td>97°</td>
<td>71°</td>
<td>97°</td>
<td>70°</td>
<td>96°</td>
<td>70°</td>
<td>97°</td>
</tr>
</tbody>
</table>
Flight Collection Plan for 21 August 2018

**Flyority 1** (Flight Priority 1):
Collection Area: Santa Rita Experimental Range (SRER) – Priority 1 Flight Box
Flight Plan Name: D14_SRER_C1_P1_v4_Q780
On-Station Time: 16:10 UTC / 09:10 L

**Flyority 2** (Flight Priority 2):
Collection Area: Santa Rita Experimental Range (SRER) – Priority 2 Flight Box
Flight Plan Name: D14_SRER_C1_P2_v4_Q780
On-Station Time: 16:10 UTC / 09:10 L

**Flyority 3** (Flight Priority 3):
Collection Area: Santa Rita Experimental Range (SRER) – Priority 3 Flight Box
Flight Plan Name: D14_SRER_C1_P3_v4_Q780
On-Station Time: 16:10 UTC / 09:10 L

**Flyority 4** (Flight Priority 4):
Collection Area: Jornada (JORN) – Priority 1 Flight Box
Flight Plan Name: D14_JORN_R1_P1_v3_Q780
On-Station Time: 16:00 UTC / 10:00 L

**Flyority 5** (Flight Priority 5):
Collection Area: Jornada (JORN) – Priority 2 Flight Box
Flight Plan Name: D14_JORN_R1_P2_v1_Q780
On-Station Time: 16:00 UTC / 10:00 L

Crew: Abe Morrison (Lidar), Cameron Chapman (NIS), Mitch Haynes (Ground)