Date: 2018-08-30
Flight Campaign ID: 2018_P3C1
Airport, FBO ID, City: Tucson International Airport (KTUS) - Tucson, AZ

Domain: 14
Sites Flown: None
Days left in Domain: 2

Report Author: Mitch Haynes
Flight Crew: Mitch Haynes, Robb Walker
Flight Hours: 00:00
Ground/GPS: Hours until maintenance: 97.45
Pilots: Stephen Brawders, Hans Germann
Additional Personnel: ГПС Instruments:

Summary
Crew Rotation Day; No flights attempted. Crew still evaluated for potential greening up over SRER, but lingering clouds from last night's MCS south of the border prevented that possibility.

Concerns
None

Comments
- Abe Morrison departed Tucson to join up with Payload 2 in D01. Cameron Chapman arrived to take his place.
- Conducted aircraft & payload tour with the D14 staff.

Pictures Domain 14 staff getting a proper tour this year
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 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |

Flown: 0% (0/34)
Green: 0% (0/34)
Yellow: 0% (0/34)
Red: 0% (0/34)

**JORN_P2**

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Flown: 0% (0/21)
Green: 0% (0/21)
Yellow: 0% (0/21)
Red: 0% (0/21)

**SRER_P1**

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Flown: 100% (40/40)
Green: 35% (14/40)
Yellow: 35% (14/40)
Red: 35% (14/40)

**SRER_P2**

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Flown: 100% (24/24)
Green: 0% (0/24)
Yellow: 25% (6/24)
Red: 79% (19/24)

**SRER_P3**

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Flown: 100% (26/26)
Green: 0% (0/26)
Yellow: 0% (0/26)
Red: 100% (26/26)

Weather Forecast

**Tucson, AZ**

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<th>Fri 8/31</th>
<th>Sat 9/1</th>
<th>Sun 9/2</th>
<th>Mon 9/3</th>
<th>Tue 9/4</th>
<th>Wed 9/5</th>
<th>Thu 9/6</th>
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<tr>
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<td>76° F</td>
<td>97°</td>
<td>74° F</td>
<td>94°</td>
<td>71° F</td>
<td>95°</td>
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<td>Sunny</td>
<td>Sunny</td>
<td>Partly Cloudy</td>
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- Cloud Cover (%)
- Chance of Precip. (%)
Flight Collection Plan for 31 August 2018

**Flyority 1** (Flight Priority 1): *If Green Sky Conditions* Re-Fly lines 25-27 if time permits
Collection Area: Santa Rita Experimental Range (SRER) – Priority 1 Flight Box
Flight Plan Name: D14_SRER_C1_P1_v4_Q780
On-Station Time: 16:20 UTC / 09:20 L

**Flyority 2** (Flight Priority 2): *If Green Sky Conditions*
Collection Area: Santa Rita Experimental Range (SRER) – Priority 2 Flight Box
Flight Plan Name: D14_SRER_C1_P2_v4_Q780
On-Station Time: 16:20 UTC / 09:20 L

**Flyority 3** (Flight Priority 3): *If Green Sky Conditions*
Collection Area: Santa Rita Experimental Range (SRER) – Priority 3 Flight Box
Flight Plan Name: D14_SRER_C1_P3_v4_Q780
On-Station Time: 16:20 UTC / 09:20 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: 16:10 UTC / 10:10 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: 16:10 UTC / 10:10 L

Crew: Robb Walker (Lidar), Cameron Chapman (NIS), Mitch Haynes (Ground)
Photos (More Photos from the 08/29/18 Flight of Santa Rita)