**Flight Campaign ID:** 2017_P2C1  
**FBO ID & City:** El Paso International Airport (KELP) - El Paso, TX  
**Domain:** 14  
**Sites Flown:** None  
**Days left in Domain:** 14  
**Flight Hours:** 00:00  
**Hours until maintenance:** 121.65

**Date:** 2017-08-22  
**Report Author:** Mitch Haynes  
**Pilots:** Kyler Dalton, Grant Frost  
**Flight Crew:** Mitch Haynes, Michael Wussow  
**Ground/GPS:** Doug Cavender

**GPS Instruments:** None

**Summary:** Continued pumping / cooling of spectrometer. Should reach temperature at some point tonight, in time for first day of D14 flights tomorrow.

**Issues/Concerns:**

None

**Comments:**

- Hotel Kit 2 arrived in El Paso.
- GPS 12 was deployed at KTUC and GPS 06 at KELP. All four D14 units are deployed as follows:
  - GPS 04 – SRER
  - GPS 06 – KELP
  - GPS 12 – KTUC
  - GPS 13 – JORN
Weather Forecast

Las Cruces, NM

<table>
<thead>
<tr>
<th></th>
<th>Wed 08/23</th>
<th>Thu 08/24</th>
<th>Fri 08/25</th>
<th>Sat 08/26</th>
<th>Sun 08/27</th>
<th>Mon 08/28</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature</td>
<td>91°</td>
<td>67°</td>
<td>88°</td>
<td>66°</td>
<td>87°</td>
<td>67°</td>
</tr>
<tr>
<td>Precipitation</td>
<td>Chance of a Thunderstorm 0.01 in</td>
<td>Chance of a Thunderstorm 0.07 in</td>
<td>Clear</td>
<td>0 in</td>
<td>Partly Cloudy</td>
<td>0 in</td>
</tr>
</tbody>
</table>

Tucson, AZ

<table>
<thead>
<tr>
<th></th>
<th>Wed 8/23</th>
<th>Thu 8/24</th>
<th>Fri 8/25</th>
<th>Sat 8/26</th>
<th>Sun 8/27</th>
<th>Mon 8/28</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature</td>
<td>98</td>
<td>75 F</td>
<td>100</td>
<td>75 F</td>
<td>104</td>
<td>78 F</td>
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<tr>
<td>Precipitation</td>
<td>Partly Cloudy</td>
<td>Clear</td>
<td>Clear</td>
<td>Clear</td>
<td>Clear</td>
<td>Clear</td>
</tr>
</tbody>
</table>

Flight Collection Plan for 23 August 2017:

**Flyority 1:**
Collection Area: Jornada (JORN) – Priority 1 Flight Box
Flight Plan Name: D14_JORN_R1_P1_v1.pln
On Station: 1000L / 1600 UTC

**Flyority 2:**
Collection Area: Santa Rita Experimental Range (SRER)
Flight Plan Name: D14_SRER_C1_P1_v4.pln
On Station: 1010L / 1610 UTC

**Flyority 3:**
Collection Area: Santa Rita Experimental Range (SRER)
Flight Plan Name: D14_SRER_C1_P2_v4.pln
On Station: 1010L / 1610 UTC

**Crew:** Lidar: Mitch Haynes, NIS: Michael Wussow, GPS: Doug Cavender
Flight Collection Plan for 24 August 2017:

**Flyority 1:**
Collection Area: Jornada (JORN) – Priority 1 Flight Box
Flight Plan Name: D14_JORN_R1_P1_v1.pln
On Station: 1000L / 1600 UTC

**Flyority 2:**
Collection Area: Santa Rita Experimental Range (SRER)
Flight Plan Name: D14_SFER_C1_P1_v4.pln
On Station: 1010L / 1610 UTC

**Flyority 3:**
Collection Area: Santa Rita Experimental Range (SRER)
Flight Plan Name: D14_SFER_C1_P2_v4.pln
On Station: 1010L / 1610 UTC

**Crew:** Lidar: Michael Wussow, NIS: Mitch Haynes, GPS: Doug Cavender