Flight Campaign ID: 2017_P2C1
FBO ID & City: El Paso International Airport (KELP) - El Paso, TX
Domain: 14
Sites Flown: SRER
Days left in Domain: 7
Flight Hours: (3:55)(2:23) = 6:18
Hours until maintenance: 96.72

GPS Instruments: 04-FBO@KTUS, 06-FBO@KELP, 12-SRER

Date: 2017-08-28
Report Author: Michael Wussow
Pilots: Ben Wooten, Grant Frost
Flight Crew: Michael Wussow, John Adler
Ground/GPS: Doug Cavender
Additional Personnel

Summary:
Clear skies in Tucson and cloudy conditions near Las Cruces prevailed. The SRER priority 2 box was completed under green conditions. Additional lines were attempted during a second flight over SRER priority 3 after a refuel in Tucson, but clouds moved in and conditions became quite turbulent making flight parameters difficult to maintain.

Issues/Concerns: None

Comments:
- Thanks to Tristan and Bridget for looking into the GPS data from the 24th and 25th and confirming that no re-flights of SRER are necessary!

Pictures:

Border of Juarez, Mexico and El Paso, Texas
### Weather Forecast

#### Las Cruces, NM

<table>
<thead>
<tr>
<th></th>
<th>Tue 08/29</th>
<th>Wed 08/30</th>
<th>Thu 08/31</th>
<th>Fri 09/01</th>
<th>Sat 09/02</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature</td>
<td>88°</td>
<td>90°</td>
<td>92°</td>
<td>93°</td>
<td>91°</td>
</tr>
<tr>
<td>Condition</td>
<td>Clear</td>
<td>Clear</td>
<td>Clear</td>
<td>Clear</td>
<td>Partly Cloudy</td>
</tr>
<tr>
<td>Precipitation</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
</tr>
</tbody>
</table>

#### Tucson, AZ

<table>
<thead>
<tr>
<th></th>
<th>Tue 8/29</th>
<th>Wed 8/30</th>
<th>Thu 8/31</th>
<th>Fri 9/1</th>
<th>Sat 9/2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature</td>
<td>103°</td>
<td>103°</td>
<td>105°</td>
<td>105°</td>
<td>102°</td>
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<tr>
<td>Condition</td>
<td>Clear</td>
<td>Clear</td>
<td>Clear</td>
<td>Partly Cloudy</td>
<td>Chance of a Thunderstorm</td>
</tr>
<tr>
<td>Precipitation</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0.05 in</td>
</tr>
</tbody>
</table>

Cloud Cover (%) | Chance of Precip. (%)
Flight Collection Plan for 29 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_P3_v4.pln
On Station: 0920L / 1620 UTC

Flyority 3:
Collection Area: Jornada (JORN) – Priority 2 Flight Box
Flight Plan Name: D14_JORN_R1_P2_v1.pln
On Station: 1000L / 1600 UTC

Crew: Lidar: John Adler, NIS: Michael Wussow, GPS: Doug Cavender

Flight Collection Plan for 30 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_P3_v4.pln
On Station: 0920L / 1620 UTC

Flyority 3:
Collection Area: Jornada (JORN) – Priority 2 Flight Box
Flight Plan Name: D14_JORN_R1_P2_v1.pln
On Station: 1000L / 1600 UTC

Crew: Lidar: Doug Cavender, NIS: John Adler, GPS: Michael Wussow,