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: 16
Flight Hours: 3.35
Hours until maintenance: 121.65

Date: 2017-08-20
Report Author: Mitch Haynes
Pilots: Kyler Dalton, Grant Frost
Flight Crew: Mitch Haynes
Ground/GPS: Doug Cavender, Michael Wussow
Additional Personnel: None

GPS Instruments: None

Summary:
The Otter finally completed the last leg of the long transit from Fairbanks, Alaska to El Paso, TX (KGTJ->KELP) and is now settling into a hangar at KELP. Vacuum pumping of the spectrometer has commenced, with first D14 flight expected to be Wednesday.

Issues/Concerns:
None

Comments:
• Due to the faulty vacuum gauge and thus inaccurate pressure readings, the crew is taking extra time to allow for the system to fully pump down before beginning the cooling process.
• GPS 04 was deployed at the Florida Station for the SRER site. FltOps will rely on local help in monitoring the unit/swapping batteries. Current plan is for Doug Cavender will remain in Tucson until the first SRER flight to provide ground support at KTUC before joining the crew in El Paso.
Photos from the transit:

Above: Looking east at the cuesta known as Mesa Verde, CO

Bottom Left: A pleasant looking butte within the Ute Mountain Reservation, CO

Bottom Right: Gorgeous views of southern New Mexico on the El Paso approach
Weather Forecast

Las Cruces, NM

<table>
<thead>
<tr>
<th>Mon 08/21</th>
<th>Tue 08/22</th>
<th>Wed 08/23</th>
<th>Thu 08/24</th>
<th>Fri 08/25</th>
<th>Sat 08/26</th>
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Partly Cloudy 0 in 0 in Chance of a Thunderstorm 0.07 in Chance of a Thunderstorm 0.03 in Clear 0 in Chance of a Thunderstorm 0.06 in

Tucson, AZ

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<th>Mon 08/21</th>
<th>Tue 08/22</th>
<th>Wed 08/23</th>
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Clear 0 in 0 in Chance of a Thunderstorm 0.04 in Partly Cloudy 0 in Clear 0 in Clear 0 in

Plan for August 21-22 2017:
System pump/cool down

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: 10000 L / 1600 UTC

Flyority 2:
Collection Area: Santa Rita Experimental Range (SRER)
Flight Plan Name: D14_SRER_C1_P1_v4.pln
On Station: 10100 L / 1610 UTC

Flyority 3:
Collection Area: Santa Rita Experimental Range (SRER)
Flight Plan Name: D14_SRER_C1_P2_v4.pln
On Station: 10100 L / 1610 UTC
*Local times given for El Paso, not Tucson

**Crew**
Lidar: Mitch Haynes
NIS: Michael Wussow
Ground: Doug Cavender