August 23, 2019 Payload 2 Daily Flight Report

Date: 2019-08-23
Flight Campaign ID: 2019_P2C1
Airport, FBO ID, City: Grand Junction Regional Airport (KGJT) – Grand Junction, CO

Domain: 00
Sites Flown: None
Days left in Domain: 0

Report Author: Ivana Vu
Flight Crew: None
Flight Hours: 00:00
Ground/GPS: Ivana Vu
Hours until maintenance: 125.00
Pilots: Micah Hoogeveen, Paul Muth
Additional Personnel: None
GPS Instruments: None

Summary
Aircraft maintenance is complete and flight crew will depart Grand Junction tomorrow morning to complete the transit to El Paso. The spectrometer is being vacuum pumped and cooled in preparation for D14 data collection.

Concerns
None

Comments
None
### Weather Forecast
Grand Junction, CO

<table>
<thead>
<tr>
<th></th>
<th>Sat 8/24</th>
<th>Sun 8/25</th>
<th>Mon 8/26</th>
<th>Tue 8/27</th>
<th>Wed 8/28</th>
<th>Thu 8/29</th>
</tr>
</thead>
<tbody>
<tr>
<td>High F</td>
<td>96°</td>
<td>102°</td>
<td>105°</td>
<td>101°</td>
<td>98°</td>
<td>96°</td>
</tr>
<tr>
<td>Low F</td>
<td>63°</td>
<td>76°</td>
<td>77°</td>
<td>76°</td>
<td>74°</td>
<td>74°</td>
</tr>
<tr>
<td>Condition</td>
<td>Mostly Sunny</td>
<td>Sunny</td>
<td>Sunny</td>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
<td>Partly Cloudy</td>
</tr>
<tr>
<td>Precip.</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
</tr>
</tbody>
</table>

Cloud Cover (%)  Chance of Precip. (%)

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### Flight Collection Plan for 24 August 2019
Complete transit to D14 (El Paso, TX)

### Flight Collection Plan for 25 August 2019

**Flyority 1:**
Collection Area: Santa Rita Experimental Range (SRER) – Priority 1 Flight Box
Flight Plan Name: D14_SRER_C1_P1_P2_P3_v5.pln
On-station Time: 1610 – 2240 UTC / 0910-1540 L (40-degree solar angle)

**Flyority 2:**
Collection Area: Santa Rita Experimental Range (SRER) – Priority 2 Flight Box
Flight Plan Name: D14_SRER_C1_P1_P2_P3_v5.pln
On-station Time: 1610 – 2240 UTC / 0910-1540 L (40-degree solar angle)

**Flyority 3:**
Collection Area: Santa Rita Experimental Range (SRER) – Priority 3 Flight Box
Flight Plan Name: D14_SRER_C1_P1_P2_P3_v5.pln
On-station Time: 1610 – 2240 UTC / 0910-1540 L (40-degree solar angle)

**Flyority 4:**
Collection Area: Jornada (JORN) – Priority 1 Flight Box
Flight Plan Name: D14_JORN_R1_P1_P2_v5.pln
On-station Time: 1600 – 2220 UTC / 0900-1520 L (40-degree solar angle)

**Flyority 5:**
Collection Area: Jornada (JORN) – Priority 2 Flight Box
Flight Plan Name: D14_JORN_R1_P1_P2_v5.pln
On-station Time: 1600 – 2220 UTC / 0900-1520 L (40-degree solar angle)

**Flyority 6:**
Collection Area: Nominal Runway (N14A)
Flight Plan Name: D14_N14A_Nominal_Runway_Test_v1.pln

Crew: Ivana Vu (Lidar), Mitch Haynes (NIS)