Payload 1 Daily Flight Report

Date: 2022-06-29  
Flight Campaign ID: P1C1  
Airport, FBO ID, City: Bozeman Yellowstone International Airport (KBZN) - Belgrade, MT  
Aircraft: N331AR

Domain: 12 (Northern Rockies)  
Sites Flown: None  
Days left in Domain: 1

Report Author: Cameron  
Lidar Operators: Cameron  
Flight Hours: 00:00  
Spectrometer Operators: Michael  
Hours until maintenance: 0.00  
Pilots: Justin, Robbie

Summary
The Twin Otter is undergoing routine maintenance which should be completed tonight or sometime tomorrow. The Otter is expected to transit to D16 on Friday morning.

Concerns
- None

Comments
- RAIDs 08 and 09 were shipped to the data center.
- The vacuum pump will arrive in D16 on Friday. Upon arrival, the system will begin its pumping and cooling process.
- Flight Disks set 6 was shipped back to the PIF and will undergo Hotel Kit testing.
- GPS 6 was shipped back to the PIF.
- Upon retrieval of the GPS unit, the KBZN Fire and rescue team gave us an impromptu tour of their facility and equipment.
- A B17 Bomber is visiting KBZN repairing its landing gear in front of the Otter. The repairs are expected to be completed either today or tomorrow.

Daily Coverage

Estimated Cloud Cover Key

| Green: 0-10% | Yellow: 11-50% | Red: >50% |

Flight Screenshots: None
Pictures

Top: B17 Bomber in our hangar repairing its landing gear
Bottom: Mike and Cam getting a tour from the Airports Fire and Rescue team

Cumulative Domain Coverage

D12|N12A (D12 Nominal Runway )

1 2
Flown: 100% (2/2)
Green: 100% (2/2)
Yellow: 0% (0/2)
Red: 0% (0/2)
D12|YELL (Yellowstone Northern Range)

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Flown: 100% (85/85)
Green: 100% (85/85)
Yellow: 0% (0/85)
Red: 0% (0/85)

Weather Forecast
Bozeman, MT

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<th>Thu 6/30</th>
<th>Fri 7/1</th>
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<tr>
<td>78°F</td>
<td>81°F</td>
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<td>Sunny 0 in</td>
<td>Mostly Sunny 0 in</td>
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Hillsboro, OR

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<th>Fri 7/1</th>
<th>Sat 7/2</th>
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<td>81°F</td>
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<tr>
<td>Partly Cloudy 0 in</td>
<td>Partly Cloudy 0 in</td>
<td>Mostly Cloudy 0 in</td>
<td>Cloudy 0 in</td>
<td>Mostly Cloudy 0 in</td>
<td>Partly Cloudy 0 in</td>
<td>Mostly Sunny 0 in</td>
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source: wunderground.com

Flight Collection Plan for July, 1 2022

Transit > D16

Crew: Mike (Transit) Cam (Ground)