Payload 1 Daily Flight Report

Date: 2023-07-08
Flight Campaign ID: P1C1
Airport, FBO ID, City: Fresno Yosemite International Airport (KFAT) - Fresno, CA
Aircraft: N331AR

Domain: 17 (Pacific Southwest)
Sites Flown: TEAK_P1 (Teakettle Priority 1)
Days left in Domain: 2

Report Author: John
Lidar Operators: John
Spectrometer Operators: Abe
Pilots: Jeff, Vince
GPS Instruments: 07 - FBO_KFAT, AOP_TEAK

Flight Hours: 03:46
Hours until maintenance: 87.57

Summary
Collected 21 Priority lines at TEAK under hazy conditions. Waveform lidar is not still not working.

Concerns
Waveform lidar was not connecting at all. Reset power, checked wired connections.

Comments
None.

Daily Coverage

Estimated Cloud Cover Key

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<th>0-10%</th>
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<td>Red</td>
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D17|TEAK_P1

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<th>Line #</th>
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<td>Camera</td>
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<tr>
<td>Cloud Cover</td>
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Total number of lines flown: 21
Flight Screenshots

Cumulative Domain Coverage

D17|N17A (D17 Nominal Runway)

Flown: 0% (0/1)
Green: 0% (0/1)
Yellow: 0% (0/1)
Red: 0% (0/1)

D17|SOAP_P1 (Soaproot Saddle Priority 1)

Flown: 100% (31/31)
Green: 0% (0/31)
Yellow: 100% (31/31)
Red: 0% (0/31)

D17|TEAK_P1 (Teakettle Priority 1)

Flown: 55% (22/40)
Green: 0% (0/40)
Yellow: 55% (22/40)
Red: 0% (0/40)

Weather Forecast

Shaver Lake, CA

<table>
<thead>
<tr>
<th>Sun 7/9</th>
<th>Mon 7/10</th>
<th>Tue 7/11</th>
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<tbody>
<tr>
<td>72°F</td>
<td>70°F</td>
<td>80°F</td>
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Cloud Cover (%) | Chance of Precip. (%)
Flight Collection Plan for 9 July 2023

Flyority 1
Collection Area: Teakettle (TEAK) – Variable Altitude Plan
Flight Plan Name: D17_TEAK_R2_P1_P2_P3_v6_PRM_Var_Alt_200m_above_eNOHD.xml
On-Station Time: 0920 L / 1620 UTC