Payload 1 Daily Flight Report

Date: 2024-06-17
Flight Campaign ID: P1C1
Airport, FBO ID, City: Burbank Bob Hope Airport (KBUR) - Burbank, CA
Aircraft: N615AR

Domain: 00 (Payload Maintenance)
Sites Flown: None
Days left in Domain: TBD

Report Author: Cameron
Lidar Operators: Cameron  Flight Hours: 00:00
Spectrometer Operators: Abe  Hours until maintenance: 43.40
Pilots: Vince, Cody
Ground Crew: Andrew, Brendan

Summary
The crew spent the day with JPL representatives troubleshooting NIS errors. After much talk, prodding and testing, we believe we’ve narrowed down a potential cause. We will continue testing tomorrow and possibly implement a solution.

Concerns
- None

Comments
- We learned a lot about the NIS. Expect a lab write up in the coming days.

Daily Coverage

Estimated Cloud Cover Key
| Green: 0-10% | Yellow: 11-50% | Red: >50% |

Solar Angle Less Than 40 degrees

Flight Screenshots: None

Pictures: None
Weather Forecast
Burbank, CA

<table>
<thead>
<tr>
<th>Date</th>
<th>High</th>
<th>Low</th>
<th>Cloud Cover (%)</th>
<th>Chance of Precip. (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tue 6/18</td>
<td>80°</td>
<td>59°</td>
<td>Partly Cloudy</td>
<td>0 in</td>
</tr>
<tr>
<td>Wed 6/19</td>
<td>80°</td>
<td>59°</td>
<td>Partly Cloudy</td>
<td>0 in</td>
</tr>
<tr>
<td>Thu 6/20</td>
<td>82°</td>
<td>61°</td>
<td>Partly Cloudy</td>
<td>0 in</td>
</tr>
<tr>
<td>Fri 6/21</td>
<td>85°</td>
<td>63°</td>
<td>Sunny</td>
<td>0 in</td>
</tr>
<tr>
<td>Sat 6/22</td>
<td>87°</td>
<td>65°</td>
<td>Sunny</td>
<td>0 in</td>
</tr>
<tr>
<td>Sun 6/23</td>
<td>86°</td>
<td>64°</td>
<td>Sunny</td>
<td>0 in</td>
</tr>
<tr>
<td>Mon 6/24</td>
<td>85°</td>
<td>63°</td>
<td>Sunny</td>
<td>0 in</td>
</tr>
</tbody>
</table>

source: wunderground.com

Flight Collection Plan for 18 June 2024
Troubleshoot the NIS with JPL. Test flights may be flown.

Crew: Abe, Cameron, Andrew, Brendan