



Payload 1 Daily Flight Report



Date: 2024-06-18

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: Abe

Lidar Operators: Abe

Flight Hours: 00:00

Spectrometer Operators: Cameron **Hours until maintenance:** 43.40

Pilots: Vince, Cody

Ground Crew: Andrew, Brendan

Summary

No actual flight could be made this morning due to marginal VFR conditions. Instead, the day started with a troubleshooting run-up in the otter which included a high speed taxi down the runway to attempt to reproduce the NIS errors. After this run-up it was decided to carry on with a possible fix to the FPIE power supply. The high voltage disconnect was bypassed in the FPIE power supply at the recommendation of JPL staff. After this was accomplished a test flight was going to be made with the clearing weather. However, an oil leak in the #2 engine propeller seal was discovered by the pilots. This oil leak grounded the otter, and no test flight could be made. TOIL mechanics were already scheduled to arrive tomorrow to perform the 125 hour inspection, so they will also remove the prop and replace the leaking seal along with the inspection.

Concerns

-Otter Propeller oil leak

Comments

-Trouble shooting the NIS issues with JPL staff has been exhausted and a fix recommended has been performed. No test flight was conducted due to the grounding of the otter but will be performed on the first leg of the transit flight to Alaska. The transit currently looks like it could start on Friday morning after inspection and repairs are made to the otter.

Pictures



Andrew and Mark working on the power supply.



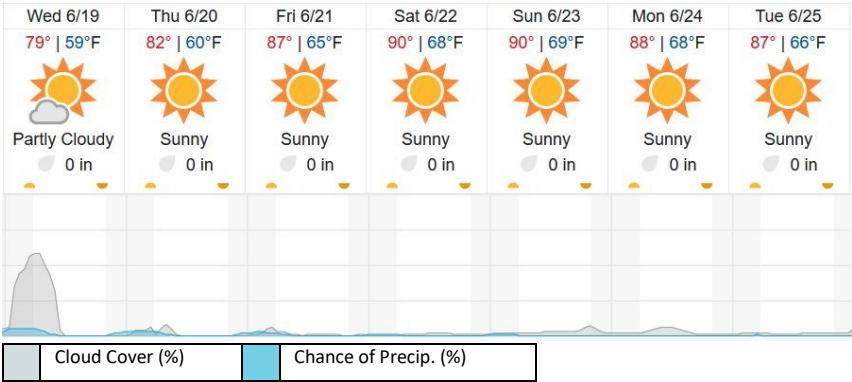
Pilots Cody and Vince inspecting the propeller.



NEON's Otter hanging out with JPL's King Air in the Burbank hangar. True Hollywood love story! Pic by Abe.

Weather Forecast

Burbank, CA



source: wunderground.com

Flight Collection Plan for 19 June 2024

No flights planned due to Otter maintenance and repair.

Crew: Abe, Cameron