Payload 3 Daily Flight Report

Date: 2021-07-10
Flight Campaign ID: P3C1
Airport, FBO ID, City: Fairbanks International Airport (PAFA) - Fairbanks, AK
Aircraft: N615AR

Domain: 19 (Taiga)
Sites Flown: BONA ()
Days left in Domain: 38

Report Author: John Adler
Lidar Operators: John Adler
Spectrometer Operators: Elissa Barris
Pilots: Vince Maarschalkweerd, Stephen Brawders

Flight Hours: 00:41
Hours until maintenance: 100.9
GPS Instruments: 06 - BONA, C-FAI1, C-FAIR, UAF-PFR2

Summary
After cooling the NIS and getting the payload ready for D19, we conducted a quick checkout flight to ensure all systems were working properly.

Concerns
None.

Comments
Test flight for NIS and lidar; no data extracted. All systems worked well. The DEJU camera did not seem to work, the crew will look into the situation.

Flight Screenshots

Lidar System Checkout
Flight Collection Plan for 11-14 July 2021

Flyority 1
Collection Area: Healy (HEAL)
Flight Plan Name: D19_HEAL_R3_P1_v1_Q780
On-station Time: 1830 UTC / 1030 L

Flyority 2
Collection Area: Caribou Creek – Poker Flats Watershed (BONA)
Flight Plan Name: D19_BONA_C1_P1_v1_Q780
On-station Time: 1830 UTC / 1030 L

Flyority 3
Collection Area: Delta Junction (DEJU) – Priority Flight Box 1 & 2
Flight Plan Name: D19_DEJU_R1_P1_v5_Q780, D19_DEJU_R1_P2_v5_Q780
On-station Time: 1820 UTC / 1020 L

Flight Crew: John, Elissa