April 1, 2019 Payload 3 Daily Flight Report

**Date:** 2019-04-01  
**Flight Campaign ID:** 2019_P3C1  
**Airport, FBO ID, City:** Boulder Municipal Airport (KBDU) - Boulder, CO

**Domain:** Calibration / Training  
**Sites Flown:** None  
**Days left in Domain:** 16

**Report Author:** Michael Wussow  
**Flight Crew:** Michael Wussow, John Adler  
**Ground/GPS:** Matt Devoe, Robb Walker, Nick Marusich  
**Pilots:** Mark Solper, Mike Francis  
**Flight Hours:** 00:00  
**Hours until maintenance:** 125.00  
**Additional Personnel:**
**GPS Instruments:** 01 – FBO_KBDU

**Summary**
Twin Otter pilots delivered N615AR to the NEON Hangar on Saturday. Installation was completed Saturday, and pumping and cooling concluded this morning. During typical post-installation system troubleshooting, the winds at KBDU picked up significantly. Due to the very windy conditions, no flights were attempted. Calibration and re-certification flights will be the focus of Payload 3 for the next two weeks.

**Concerns**
None

**Comments**
- Hotel Kit Three experiencing abnormal startup after being shut down. Andrew is aware of the issue. See note at HK desk for more information
- Payload 3 updated database not live, but expected to be in the next few days

**Flight Screenshots:** None
A new plane for NEON, N615AR, is sporting a paint job different from any other Twin Otter used by NEON

Weather Forecast
Boulder, CO

<table>
<thead>
<tr>
<th>Tue 4/2</th>
<th>Wed 4/3</th>
<th>Thu 4/4</th>
<th>Fri 4/5</th>
<th>Sat 4/6</th>
<th>Sun 4/7</th>
<th>Mon 4/8</th>
</tr>
</thead>
<tbody>
<tr>
<td>56°</td>
<td>36° F</td>
<td>53°</td>
<td>37° F</td>
<td>64°</td>
<td>41° F</td>
<td>66°</td>
</tr>
</tbody>
</table>

- Mostly Cloudy
- Cloudy
- Partly Cloudy
- Cloudy
- Partly Cloudy
- Partly Cloudy
- Partly Cloudy

- 0.03 in
- 0.02 in
- 0 in
- 0 in
- 0 in
- 0 in
- 0 in
Flight Collection Plan for 07 March 2019

Flight 1

Collection Area: [Functional Checkout Flight] – Nominal Runway
Flight Plan Name: D10_N10D_Nominal_Rnwy_v8_Q780.rpp

Collection Area: Wiggle Timing Test – Boulder Airport
Flight Plan Name: D10_W10C_Wiggle_Test_v5_Q780.rpp

Collection Area: NEON HQ LIDAR Validation
Flight Plan Name: D10_H10C_NEON_HQ_val_v1_Q780.rpp

Crew: Lidar: Michael Wussow, NIS: Robb Walker, Ground: John Adler, Trainer: Matthew Devoe