

# High Latitude Drone Network Flight Log Sheet

**Flight ID:** AK\_HLY\_NEO\_FL016B      **Pilot:** M. Loranty      **Principle Investigator:** M. Loranty  
**Site Name:** Healy      **Subsite:** NEO      **Date (yyyy/mm/dd):** 7/16/24  
**Aircraft Type:** DJI Mavic III      **Timezone:** AKDT      **Take-Off (hh:mm):** 2:30 PM      **Landing (hh:mm):** 2:57  
**Flight Altitude (m):** 100      **Estimated GSD (cm/pixel):** 4.6      **Duration (min):** 27  
**Weather**  
**Windspeed (m/s):** 2.24      **Sky conditions:** 6      **Temperature (°C):** 18.3  
(see below)

**Comments:**  
 sun in and out of clouds, variable breeze

## Radiometric Calibration

**Pre-Post Flight Calibration**      (tick as appropriate)  
**Panel ID:** NA     
  pre-flight      which is most representative?     
  pre-flight  
   
  post flight               
  post-flight

## Inflight Targets

Target ID	Position (GPS coordinates or relative description on site)				
	Latitude	Longitude	Height (m)	Horizontal Uncertainty	Vertical Uncertainty
REACH BASE STATION	63.8766206	-149.24859265	694.169		
NEON gcp1 - corner of boardwalk NE of flux tower	63.87607044	-149.212979	690.764	0.076	0.061

**Sky Codes:**

0 Clear sky	5 Cumulus over most of sky – sun not obscured
1 Haze	6 Cumulus – sun obscured
2 Thin cirrus – sun not obscured	7 Complete cumulus cover
3 Thin cirrus – sun obscured	8 Stratus – sun obscured
4 Scattered cumulus – sun not obscured	9 Drizzle