



Mission Details

Date:	Site Name:	
Mission ID#:	Pilot:	Data Recorder:
Aeropod Handler(s):		
Mission Objective:		

Equipment:

Kite Type		Wingspan (ft)	
Aeropod		Line Weight (lbs)	

Atmospheric Conditions (at ground level)

Wind Speed		Wind Direction		Cloud Cover %	
Temperature		Humidity		Barometric Pressure	

Site Location and Ground Control Points (GCP)

	ALTITUDE (m)	LATITUDE (dd)	LONGITUDE (dd)
Launch Site			
	DESCRIPTION	LATITUDE (dd)	LONGITUDE (dd)
GCP 1			
GCP 2			
GCP 3			
GCP 4			

Flight Details

Time of Launch - Kite		Time of Launch - Aeropod	
Time of Landing - Kite		Time of Landing - Aeropod	
Max Altitude - Aeropod			

Results:

Problems:

Equipment Post-flight Status:



AEROKATS

FLIGHT DATA SHEET

KEY TO DATA SHEET

Mission Details

Date: Date of the Mission

Site Name: What you call the location

Mission/Flight#: Short identifier for the mission/flight. For example, 20170522_03, where the first part is the date and the last part is the flight number. Could also use team name, location, etc.

Pilot: Who will fly the kite (the person with the spool of line.)

Aeropod/Line Handler(s): Person(s) who assist with launching kite, attaching Aeropod, managing line

Mission Objective: What you plan to achieve (e.g., safety, fly kites to 400 ft, capture images with Aeropod, etc., teamwork, etc.)

Atmospheric Conditions

Wind Speed: MPH

Wind Direction: Cardinal direction or degrees

Temperature: Degrees F

Humidity: Relative Humidity (%)

Barometric Pressure: millibars

Cloud Cover %: Estimate based on GLOBE Cloud Protocol

Site Location and Ground Control Points (GCP)

Launch Site:

ALTITUDE (m): Altitude of the launch site (in meters)

LATITUDE (dd): Latitude of the launch site in decimal degrees xx.xxxxx (5 decimal places please)

LONGITUDE (dd): Longitude of the launch site in decimal degrees xx.xxxxx (5 decimal places please)

GCP 1 – 4: (Optional) Ground control points (up to four). These are points you identify on the ground that you can use to georeference your images. They should be at least one square meter so that they show up in images.

DESCRIPTION: Describe the point location (e.g., Picnic table at NE corner of field, bench at south of park, etc)

LATITUDE (dd) Latitude of the GCP in decimal degrees xx.xxxxx (5 decimal places please)

LONGITUDE (dd): Longitude of the GCP in decimal degrees xx.xxxxx (5 decimal places please)

Flight Details

Mission Result: Did you achieve your objectives? What were flying conditions like? Were there any surprises, etc?

Problems: VERY IMPORTANT! Did anything go wrong? What could be done to prevent it in the future?

Kite/Aeropod - Post Flight Status: Did any of the equipment get damaged? Does anything need to be repaired, replaced, etc?