Flight Manifest:

Balloon: \_\_\_\_\_1600\_\_\_\_\_ grams; Ballast Weight: \_\_\_\_\_\_\_\_\_\_\_ lb

Fill gas = helium

Tank #1 Starting Pressure: \_\_\_\_\_\_\_ psi; Ending Pressure: \_\_\_\_\_\_\_ psi

Line Length: \_\_\_\_\_\_\_ cm

Tank #2 Starting Pressure: \_\_\_\_\_\_\_ psi; Ending Pressure: \_\_\_\_\_\_\_ psi

Mass: \_\_\_\_\_\_\_ grams

Tank #3 Starting Pressure: \_\_\_\_\_\_\_ psi; Ending Pressure: \_\_\_\_\_\_\_ psi

Line Length: \_\_\_\_\_\_\_ cm

Cut Down System. Design/Type = \_\_Davis\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cut Down Time Duration = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mass: \_\_600\_\_ grams

 Parachute Description: \_\_Large Orange chute with hoop\_\_

Line Length: \_\_\_\_\_\_\_ cm

Mass below balloon: \_\_\_\_\_\_\_\_\_ g ( currently at least 4,407g = 9.7 lb)

Mass below chute: \_\_\_\_\_\_\_\_\_ g

Mass: \_\_\_\_\_\_\_ grams

Payload #1 Description: Triangular carbon fiber flight frame.

Three cameras: GoPro video, JVC video, Canon still

Frame mass w/o cameras = 629g

Line Length: \_\_\_\_\_\_\_ cm

Payload #2 Description:

Mass: \_\_861\_ grams

MSA versions 4 and 3 in one box.

Line Length: \_\_\_\_\_\_\_ cm

Payload #3 Description:

Mass: \_\_\_\_\_\_\_ grams

Ozonesonde/radiosonde

322g w/o radio or chemicals

 Payload #4 Description:

Line Length: \_\_\_\_\_\_\_ cm

Sample Exposure Mission (“Bug Mobile”)

Mass: \_\_\_\_\_\_\_ grams

155g w/o servo motor, battery, or electronics.

Payload #5 Description:

Line Length: \_\_\_\_\_\_\_ cm

N/A

Mass: \_\_\_\_\_\_\_ grams

Payload #6 Description:

N/A

Line Length: \_\_\_\_\_\_\_ cm

SBATS call signs \_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mass: \_\_1008\_\_ grams

Weather

Ground wind speed and direction:

Cloud cover and type:

Launch Site Location: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Arrival Time at Launch Site: \_\_\_\_\_\_\_\_\_\_\_\_

Cut Down Flight Pin Pulled Time (start of timer) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Estimated Cut Down Time: \_\_\_\_\_\_\_\_\_\_\_\_\_

Launch Time: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Preliminary Burst Altitude: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Preliminary Burst Time: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Approximate Landing Time: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Landing Location: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Notes: