Payload Mass: 3,967 g

Payload Weight: 8.75 lb

Total Mass: 5,094 g

Total Weight: 11.23 lb

Balloon: 2000 grams, Balloon Date: July 2014

Helium

Fill Ballast Weight: 16.8 lb

Tank #1 Starting Pressure: 2650 psi; Ending Pressure: 0 psi

Line Length: 240 cm

Tank #2 Starting Pressure: 2700 psi; Ending Pressure: 2200 psi

Mass: 131 grams

Total “psi used” 3150 There was very likely a leak in the fill lines.

Line Length: 300 cm

Cut Down System. Design/Type = Davis/Page

Parachute Description: Orange

Mass: 996 grams

Line Length: cm

Payload #1 Description: Carbon Fiber Flight Frame with 4 cameras

Mass 1: 1,658 grams

1

Cam

 D10, ELPH100, SD780, GoPro Hero 3 Silver

iButton

Line Length: cm

Payload #2 Description:

2

MSA

Mass 2: 679 grams

 MSA 4 with GPS, no MSA 3 on this flight.

Line Length: cm

Payload #3 Description:

Mass 3: 900 grams

3

O3

 Ozonesonde/radiosonde

Line Length: cm

Payload #4 Description:

Mass 4: grams

4

X

Line Length: cm

5

Payload #5 Description:

Mass 5: grams

X

Line Length: cm

 SBATS call signs WB1SAR and KF7WII ; mass = 730 g

Mass: 730 grams

SBATS

Launch Site Location: 9mile Canyon, 258° 6 miles from MTU , North: 40.05956° West: -110.14987°

Arrival Time at Launch Site: 7:03a MDT

Launch site wind speed and direction: 0-3 MPH with gusts to 5-7 MPH from the SW

Cloud cover and type: clear sky

Fill start time: 8:03a Fill stop time:

Cut Down Flight Pin Pulled Time (start of timer) = 8:18:00

Cut Down Duration: 2.5 hr Estimated Cut Down Time: 10:48 MDT

Launch Time: 8:19:52 MDT = 14:19:52 Z

Burst Altitude: 98,000 ft = m

Burst Time: 9:44:30

Landing Time: 10:42

Landing Location: , North: West:

Notes: