

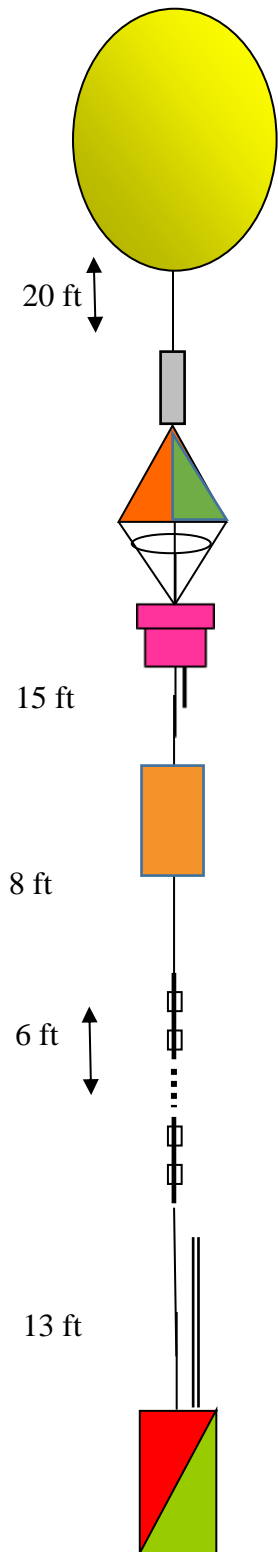
MSU Payload Plan EOSS 364 Rev C

0750 MDT, date TBD

Lite

Deer Trail, CO

(new student weights and date change)



2000 gm
latex balloon

20 ft 240# woven nylon

12 ft Rocketman parachute with
remote release Baker 770g (1.70#)

KCØD-1JPN03 Remote Release/DF
144.905MHz 530g (1.17#)

N991SS ADS-B
Total wt: 515g (1.14#) Squawk: 4453

4 MSU Student Experiment Packages
On 24" centers 500# woven nylon Total wt: 3227g
(7.11#)

AEØSS-3 Enterprise-JP01
Alias=AEØSS-3"
Time slotted 0:01 & 0.31 144.340 MHz
471g (1.04#)

Item	Weight pounds	Weight kg
Student Experiments	7.11	3.227
EOSS Payloads	3.47	1.576
Parachute	1.46	0.660
Neck load	12.04	5.463
Balloon	4.41	2.000
Gross Weight	16.45	7.463
Gross Lift Factor	1.25	1.25
Neck Lift	16.16	7.327
H2 fill; scf (approx)	278	
Burst Altitude; kft km	100.7	30.7
Manual Release Altitude kft	98.7	

www.wxqa.com/sss/balon1.cgi
KCØD-1 / EOSS-364

www.wxqa.com/sss/balon1.cgi
AEØSS-3 / EOSS-364

Realtime flight tracking:
<http://track.eoss.org>