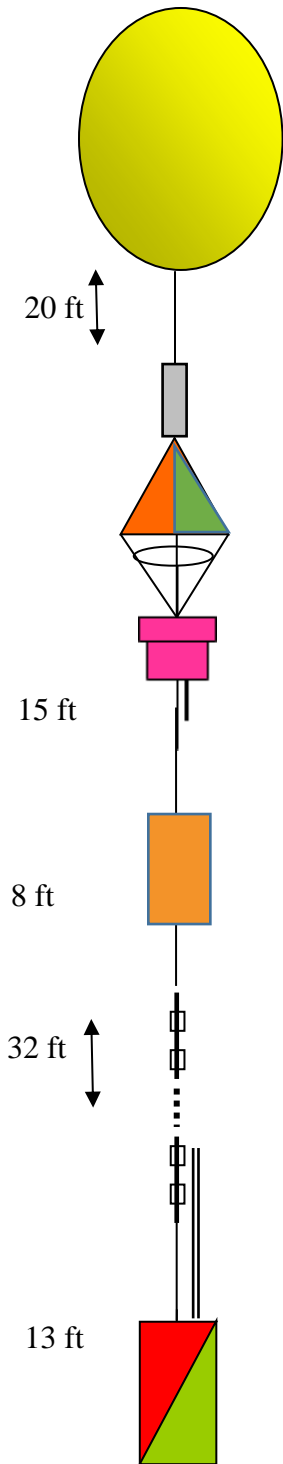


**Payload Plan
EHS/RIC**

**EOSS-366 Rev B
Heavy**

**0720 MDT, 07 Dec 2024
Deer Trail, CO**



3000 gm
latex balloon

20 ft 240# woven nylon

12 ft Rocketman parachute with
remote release Baker 770g

KC0D-1 Remote Release
144.905 MHz Total Wt 530

N991SS ADS-B
Total wt: 575g Squawk: 4453

4 EHS & 13 RIC student Experiment Packages
On 24" centers 500# woven nylon
Total wt: 5592g (final) (12.33#)

AEOSS-3 Enterprise
Time slotted 0:20 & 0.50 144.340
MHz 471g (1.04#)

Item	Weight pounds	Weight kg
Student Experiments	12.33	5.592
EOSS Payloads	3.47	1.576
Parachute	1.70	0.770
Neck load	17.50	7.938
Balloon	6.61	3.000
Gross Weight	24.12	10.938
Gross Lift Factor	1.20	1.20
Neck Lift	22.32	10.124
H2 fill; scf (approx)	391	
Burst Altitude; kft km	106.8	32.5
Manual Release Altitude kft	104.8	

www.wxqa.com/sss/balon1.cgi
KCØD-1 / EOSS-366

www.wxqa.com/sss/balon1.cgi
AEOSS-4 / EOSS-366

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