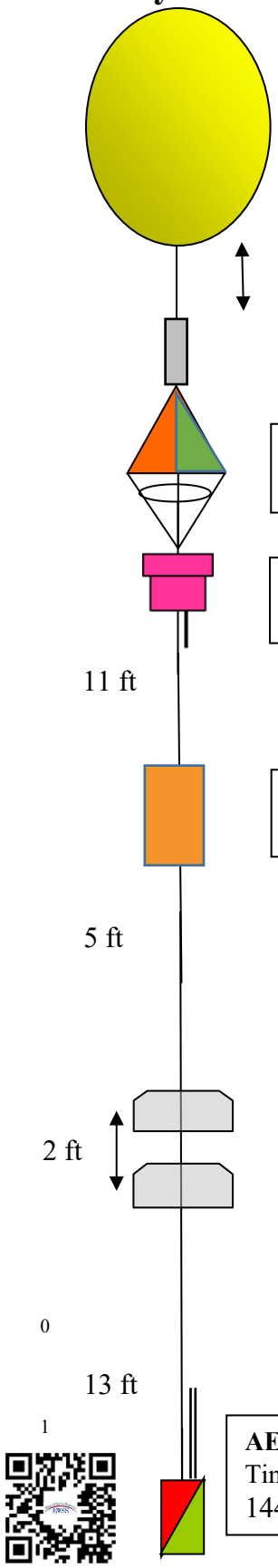
Payload Plan — EOSS-402 Heavy Rev E — 0730 MDT 9 May 2026 Deer Trail, CO

(Student Experiment wts. as flown)



3000g latex balloon

20 ft 240# woven nylon

12 ft Rocketman parachute with remote release Charlie 795 g (1.75 #)

KCØD-3 Remote Release/DF
144.905 MHz 471g (1.04 #)

11 ft

N993SS ADS-B
Total wt: 710 g (1.47 #) Squawk: 4453

5 ft

2 ft

Student Experiments: 3 CubeSats in 1 Carrier
Space @ 24" centers on 500# woven nylon

Total wt : 1432g (3.16#)

0

13 ft

1

AEØSS-3 Enterprise-JP01 APRS/Digi AE0SS
Time slotted at 0:20 and 0:50
144.340 MHz 471g (1.04#)

Item	Weight pounds	Weight kg
Student Experiments	3.16	1.432
EOSS Payloads	3.74	1.696
Parachute	1.70	0.770
Neck load	8.59	3.898
Balloon	6.61	3.000
21	15.21	6.898
Gross Lift Factor	1.20	1.20
Neck Lift	11.64	5.277
H2 fill; scf (approx)	247	
Burst Altitude; kft km	116.4	35.5
Manual Release Altitude kft	**114.4**	

www.wxqa.com/sss/balon1.cgi
KCØD-3/ EOSS-402

Team	**Wt.(g)**
Montview 3 Sats w/ Carrier	

Total: 1432g (3.16 #)

www.wxqa.com/sss/balon1.cgi
AEØSS-3 / EOSS-402

https://track.eoss.org