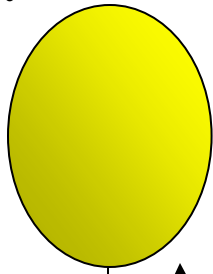


Payload Plan

EOSS-400 Lite Rev C

0750 MDT 02 May 2026
Deer Trail, CO



3000 gm
latex balloon

**THIS IS A 3000g
BALLOON**

20 ft 240# woven nylon



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

KCØD-14 Remote Release/DF
145.535 MHz 525g (1.13 #) JPN01
Auto release @ 100Kft

11 ft



N992SS ADS-B
Total wt: 515g (1.13 #) Squawk: 4453

5 ft

6 Littleton EPIC STUDENT payloads
spaced @ 24" on 500# woven nylon
3000g (6.6#)

10 ft

13 ft



QUAL AEØSS-4 VOYAGER alias VOYA
Time Slotted 0:10 & 0:40
145.710 MHz 515g (1.13#)

13 ft

KØSCC-14 alias EOSSD
Time slotted at 0:15 and 0:45 JPN02
144.340 MHz 525g (1.16#)



Item	Weight pounds	Weight kg
Student Experiments	6.61	3.000
EOSS Payloads	4.59	2.080
Parachute	1.70	0.770
Neck load	12.90	5.850
Balloon	6.61	3.000
Gross Weight	19.51	8.850
Gross Lift Factor	1.20	1.20
Neck Lift	16.80	7.619
H2 fill; scf (approx)	316	
Burst Altitude; kft km	111.2	33.9
Manual Release Altitude kft	109.2	

www.wxqa.com/sss/balon1.cgi
KCØD-14/ EOSS-400

(sorted lightest to heaviest)

TOTAL STUDENT WEIGHT 3000g 6.6#

www.wxqa.com/sss/balon1.cgi
EOSSD / EOSS-400