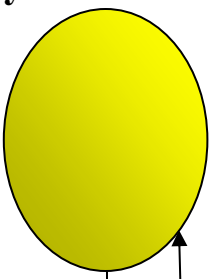
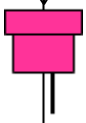
Payload Plan — EOSS-405 Lite Rev C — 0700 MDT 22 August 2026 Limon, CO



1500 gm latex balloon

20 ft 240# woven nylon

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



KCØD-2-JPN06 Remote Release/DF
145.645 MHz 485 g (1.07#)

11 ft

N991SS ADS-B
Total wt: 575 g (1.27 #) Squawk: 4453

10 ft

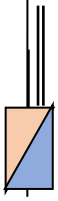
5 Kits COSGC Payloads
Spaced @ 12" on 500# woven nylon
1024 g 2.2#

10 ft

4 DemoStats COSGC Payloads
spaced @ 24" on 500# woven nylon
2700g 5.8#

9 ft

1



KØSCC-13-JP8 APRS/Digi EØSSG
Time slotted at 0:00 and 0:30
144.340 MHz 545g (1.20 #)

Item	Weight pounds	Weight kg
Student Experiments	8.21	3.724
EOSS Payloads	3.38	1.531
Parachute	1.70	0.770
Neck load	13.28	6.025
Balloon	3.31	1.500
Gross Weight	16.59	7.525
Gross Lift Factor	1.30	1.30
Neck Lift	18.26	8.281
H2 fill; scf (approx)	291	
Burst Altitude; kft km	92.6	28.2
Manual Release Altitude kft	**90.6**	

www.wxqa.com/sss/balon1.cgi
KCØD-2 / EOSS-405

CU Boulder Kit 1	198	g
Pikes Peak 1	198	g
CU Imaging Kit	200	g
CU Kit x1	210	g
Pikes Peak 2	218	g
ACC Dynamic Duo	415	g
CU BDR DemoStat Rad-Food2	460	g
CU-CSPRGSDemoStat Space Jam	885	g
CSU DemoStat Space Dust	940	g

www.wxqa.com/sss/balon1.cgi
KØSCC-13/ EOSS-405

https://track.eoss.org

8/14/2026