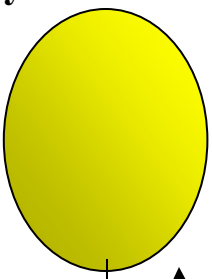
Payload Plan — EOSS-405 Heavy Rev C — 0700 MDT 22 August 2026 Limon, CO



3000 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

8 ft

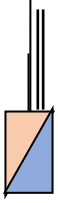
10ft

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

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

1

9 ft



KØSCC-13-JP8 APRS/Digi EOSSG
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	4.58	2.076
Parachute	1.70	0.770
Neck load	14.48	6.570
Balloon	6.61	3.000
Gross Weight	21.10	9.570
Gross Lift Factor	1.20	1.20
Neck Lift	18.70	8.483
H2 fill; scf (approx)	342	
Burst Altitude; kft km	109.5	33.4
Manual Release Altitude kft	**107.5**	

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

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KØSCC-13/ EOSS-405

https://track.eoss.org