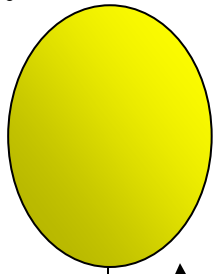


Payload Plan

EOSS-321 Lite Rev B

(renumbering, payload update)

0750 MST, 10 Dec 2021
Deer Trail, CO



1500 gm latex balloon

4 ft 240# woven nylon



12 ft Rocketman with Remote Release Charlie 760 g (1.68 #)

1

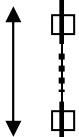


KCØD-3 Remote Release / DF
145.765 MHz 350 g (0.77 #)

www.wxqa.com/sss/balon1.cgi
KCØD-1 / EOSS-321

10 ft 500# woven nylon

10 ft



6 Westminster Academy for International Studies
on 24" centers 3,494 g (plan) (7.70 #)

10 ft 500# woven nylon

2, 3



KØSCC-9 APRS
Time slotted at 0:20 and 0:50
144.340 MHz 325 g (0.72 #)

www.wxqa.com/sss/balon1.cgi
KØSCC-9 / EOSS-321

Item	Weight pounds	Weight kg
Student Experiments	7.70	3.494
EOSS Payloads	1.49	0.675
Parachute	1.68	0.760
Neck load	10.87	4.929
Balloon	3.31	1.500
Gross Weight	14.17	6.429
Gross Lift Factor	1.30	1.30
Neck Lift	15.12	6.857
H2 fill; scf (approx)	249	
Burst Altitude; kft km	95.9	29.2

¹ www.aprs.fi/kc0d-1 (that is a zero)

² www.aprs.fi/ae0ss-13 (that is a zero)

³ <https://track.eoss.org>