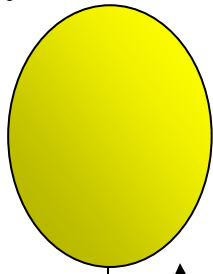


Payload Plan

EOSS-322 Lite Rev B

(renumbering, payload update)

0805 MST, 10 Dec 2021
Deer Trail, CO



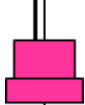
1500 gm
latex balloon

4 ft 240# woven nylon



12 ft Rocketman with Remote Release Adam 740 g (1.63 #)

1

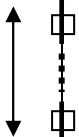


KCØD-1 Remote Release / DF
145.645 MHz 520 g (1.15 #)

www.wxqa.com/sss/balon1.cgi
KCØD-1 / EOSS-322

10 ft 500# woven nylon

10 ft



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

10 ft 500# woven nylon

2, 3



AEØSS-13 APRS/Digi EOSS
Time slotted at 0:07 and 0:37
144.340 MHz 855 g (1.88 #)

www.wxqa.com/sss/balon1.cgi
AEØSS-13 / EOSS-322

Item	Weight pounds	Weight kg
Student Experiments	7.70	3.494
EOSS Payloads	3.03	1.375
Parachute	1.63	0.740
Neck load	12.37	5.609
Balloon	3.31	1.500
Gross Weight	15.67	7.109
Gross Lift Factor	1.30	1.30
Neck Lift	17.07	7.740
H2 fill; scf (approx)	275	
Burst Altitude; kft km	93.8	28.6

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>