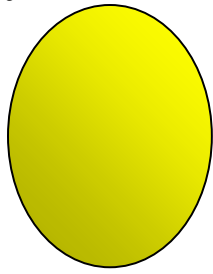


# Payload Plan

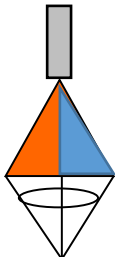
# EOSS-337 Lite Rev C

0700 MST, 01 April 2023  
Deer Trail, CO

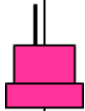


1500 gm  
latex balloon

← 4 ft 240# woven nylon

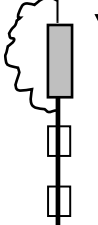


12 ft Rocketman parachute 12B  
with release Baker 770 g (1.70#)

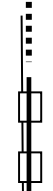


KC0D-1 Remote Release/DF  
145.645 MHz 520g (1.15#)

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
KC0D-1 / EOSS-337



**Tethered Wireless Release Charlie**  
Total wt: 295g (.65#)

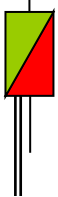


**5 COSCG BalloonSats**  
on 24" centers 2440 g (5.38#)



KC0D-3 APRS Digi EOSS  
Time slotted at 0:00 and 0:30  
145.765 MHz 420 g (0.93#)

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
KC0D-3 / EOSS-337



AE0SS-13 Digi  
Time slotted 0:10 and 0:40  
144.340 MHz 0.93#

1, 2



Item	Weight pounds	Weight kg
Student Experiments	5.38	2.440
EOSS Payloads	4.75	2.153
Parachute	1.70	0.770
Neck load	11.82	5.363
Balloon	3.31	1.500
Gross Weight	15.13	6.863
Gross Lift Factor	1.30	1.30
Neck Lift	16.36	7.421
H2 fill; scf (approx)	266	
Burst Altitude; kft km	94.6	28.8

<sup>1</sup> <http://www.aprs.fi/kc0d-1> (that is a zero)

<sup>2</sup> <https://track.eoss.org>