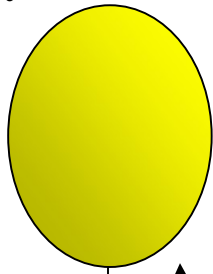


**Payload Plan** (string 4)

**EOSS-365 Lite  
Rev B**

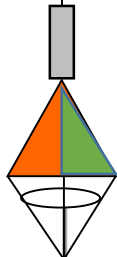
**0800 MST 10 Nov, 2024  
Deer Trail, CO**

(rearrange student payloads & updated weights)



1500 gm latex balloon

20 ft 240# woven nylon



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



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

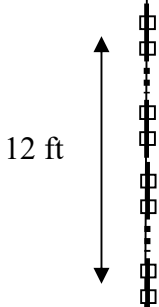
[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
KCØD-2 / EOSS-366

8 ft



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

10 ft



**13 COSGC Kit Payloads**  
spaced @ 12" on 500# woven nylon  
Total wt : 2,682 g (FRR) (5.91 #)

FRCC BCC 1 kit  
FRCC BCC 2 kit  
FRCC 1 kit  
FRCC 2 kit  
PPSC 4 kits  
PPSC 3 kits  
Longmont HS kit  
CCD kit  
n=13

13 ft



AEOSS-2 Discovery-JP02 Alias = "DISC"  
Time slotted at 0:08 and 0:38  
144.340 MHz 471g (1.04 #)

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
AEOSS-2/ EOSS-366

Item	Weight pounds	Weight kg
Student Experiments	5.91	2.682
EOSS Payloads	3.38	1.531
Parachute	1.70	0.770
Neck load	10.99	4.983
Balloon	3.31	1.500
Gross Weight	14.29	6.483
Gross Lift Factor	1.30	1.30
Neck Lift	15.27	6.927
H2 fill; scf (approx)	251	
Burst Altitude; kft km	95.8	29.2
<b>Manual Release Altitude kft</b>	<b>93.8</b>	