

# Payload Plan

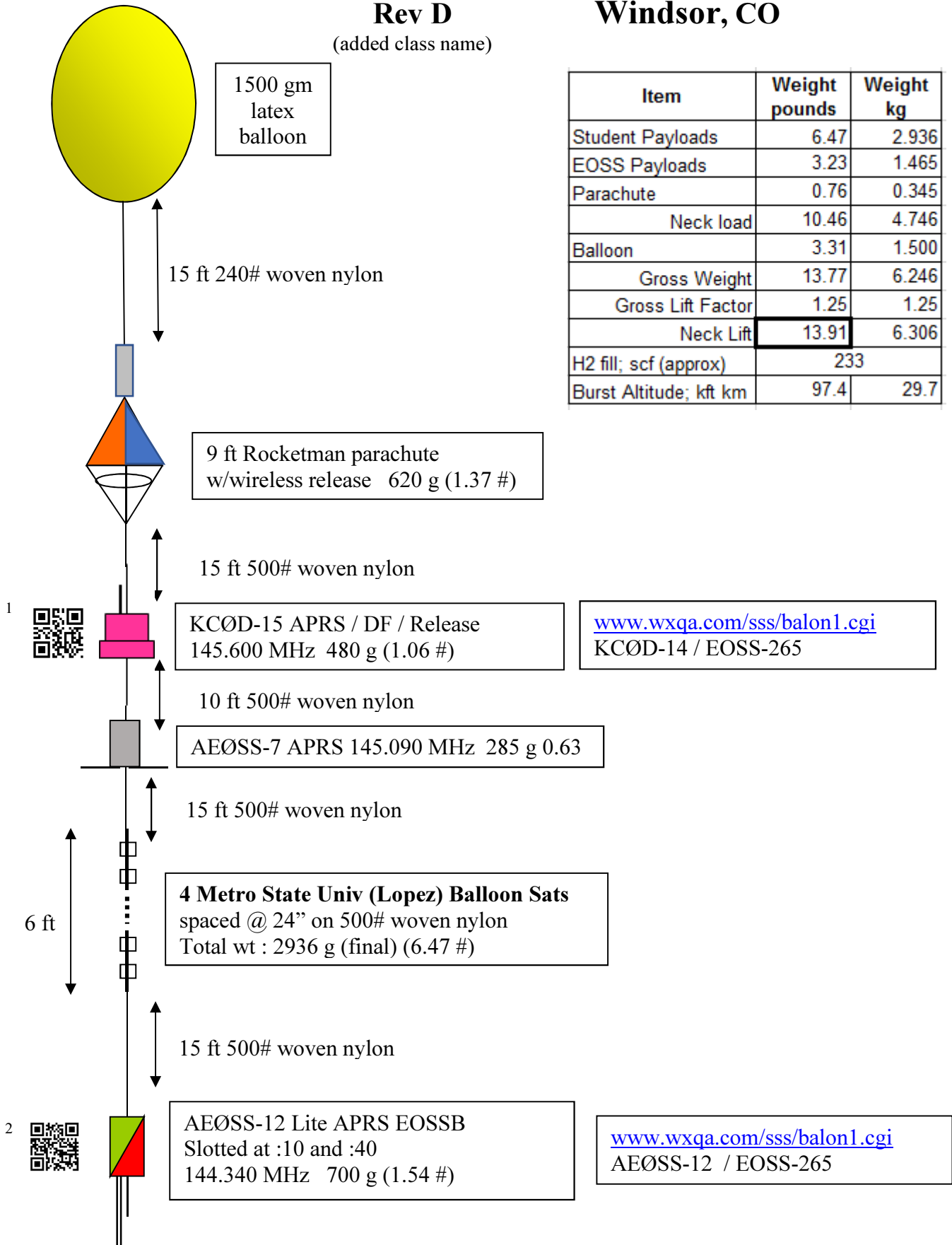
# EOSS-265 Lite

0753 MDT, 4 Nov 2017

## Rev D

Windsor, CO

(added class name)



Item	Weight pounds	Weight kg
Student Payloads	6.47	2.936
EOSS Payloads	3.23	1.465
Parachute	0.76	0.345
Neck load	10.46	4.746
Balloon	3.31	1.500
Gross Weight	13.77	6.246
Gross Lift Factor	1.25	1.25
Neck Lift	13.91	6.306
H2 fill; scf (approx)	233	
Burst Altitude; kft km	97.4	29.7

1500 gm latex balloon

15 ft 240# woven nylon

9 ft Rocketman parachute w/wireless release 620 g (1.37 #)

15 ft 500# woven nylon

KCØD-15 APRS / DF / Release 145.600 MHz 480 g (1.06 #)

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
KCØD-14 / EOSS-265

10 ft 500# woven nylon

AEØSS-7 APRS 145.090 MHz 285 g 0.63

15 ft 500# woven nylon

4 Metro State Univ (Lopez) Balloon Sats spaced @ 24" on 500# woven nylon Total wt : 2936 g (final) (6.47 #)

15 ft 500# woven nylon

AEØSS-12 Lite APRS EOSSB Slotted at :10 and :40 144.340 MHz 700 g (1.54 #)

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
AEØSS-12 / EOSS-265

<sup>1</sup> <http://aprs.fi/kc0d-15> (that is a zero)  
<sup>2</sup> <http://aprs.fi/ae0ss-12> (that is a zero)