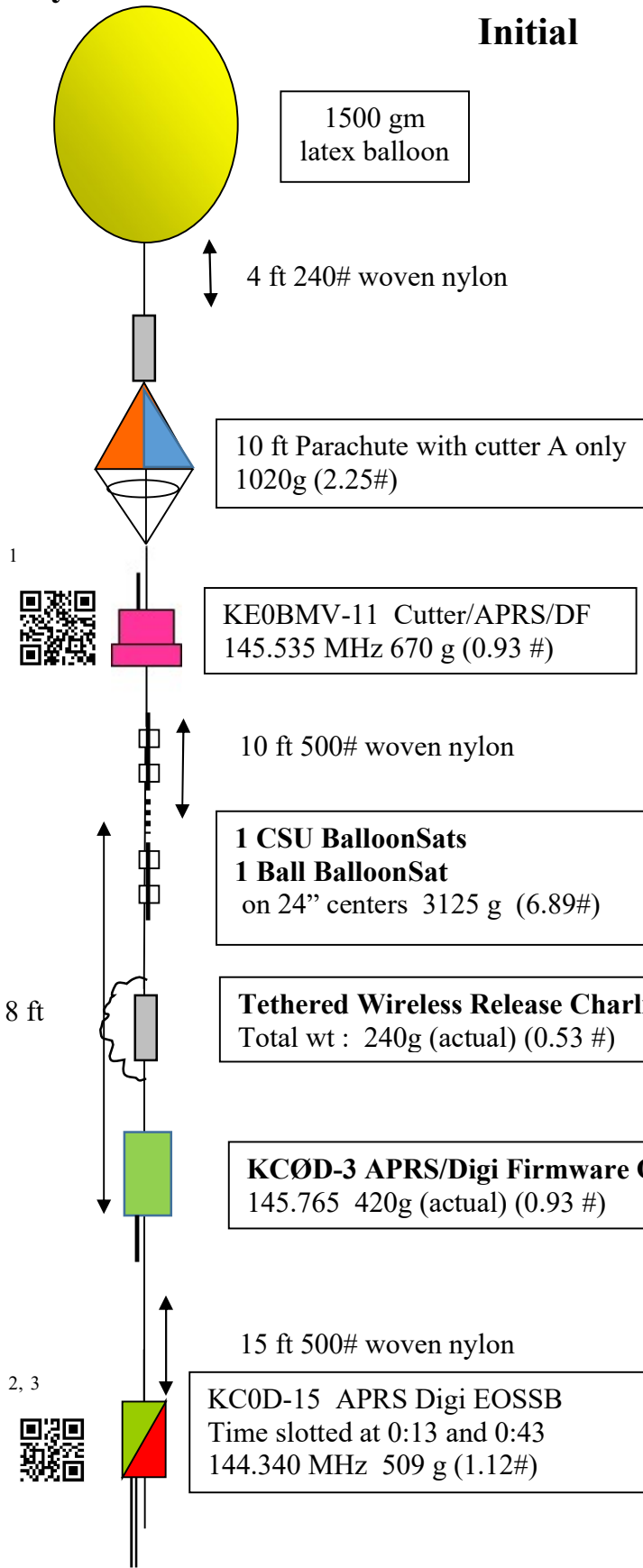


# Payload Plan

# EOSS-328 Lite Initial

0740 MST, 30 JUL 2022  
Genoa, CO



Item	Weight pounds	Weight kg
Student Experiments	6.89	3.125
EOSS Payloads	4.05	1.839
Parachute	2.25	1.020
Neck load	13.19	5.984
Balloon	3.31	1.500
Gross Weight	16.50	7.484
Gross Lift Factor	1.25	1.25
Neck Lift	17.32	7.853
H2 fill; scf (approx)	279	
Burst Altitude; kft km	93.6	28.5

KE0BMV-11 Cutter/APRS/DF  
145.535 MHz 670 g (0.93 #)

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
KE0BMV-11 / EOSS-328

**1 CSU BalloonSats**  
**1 Ball BalloonSat**  
on 24" centers 3125 g (6.89#)

**Tethered Wireless Release Charlie**  
Total wt : 240g (actual) (0.53 #)

**KC0D-3 APRS/Digi Firmware Qual**  
145.765 420g (actual) (0.93 #)

KC0D-15 APRS Digi EOSSB  
Time slotted at 0:13 and 0:43  
144.340 MHz 509 g (1.12#)

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
KC0D-15 / EOSS-328

<sup>1</sup> <http://www.aprs.fi/KE0BMV-11> (that is a zero)

<sup>2</sup> <http://www.aprs.fi/KC0D-15> (that is a zero)

<sup>3</sup> <https://track.eoss.org>