

# Payload Plan

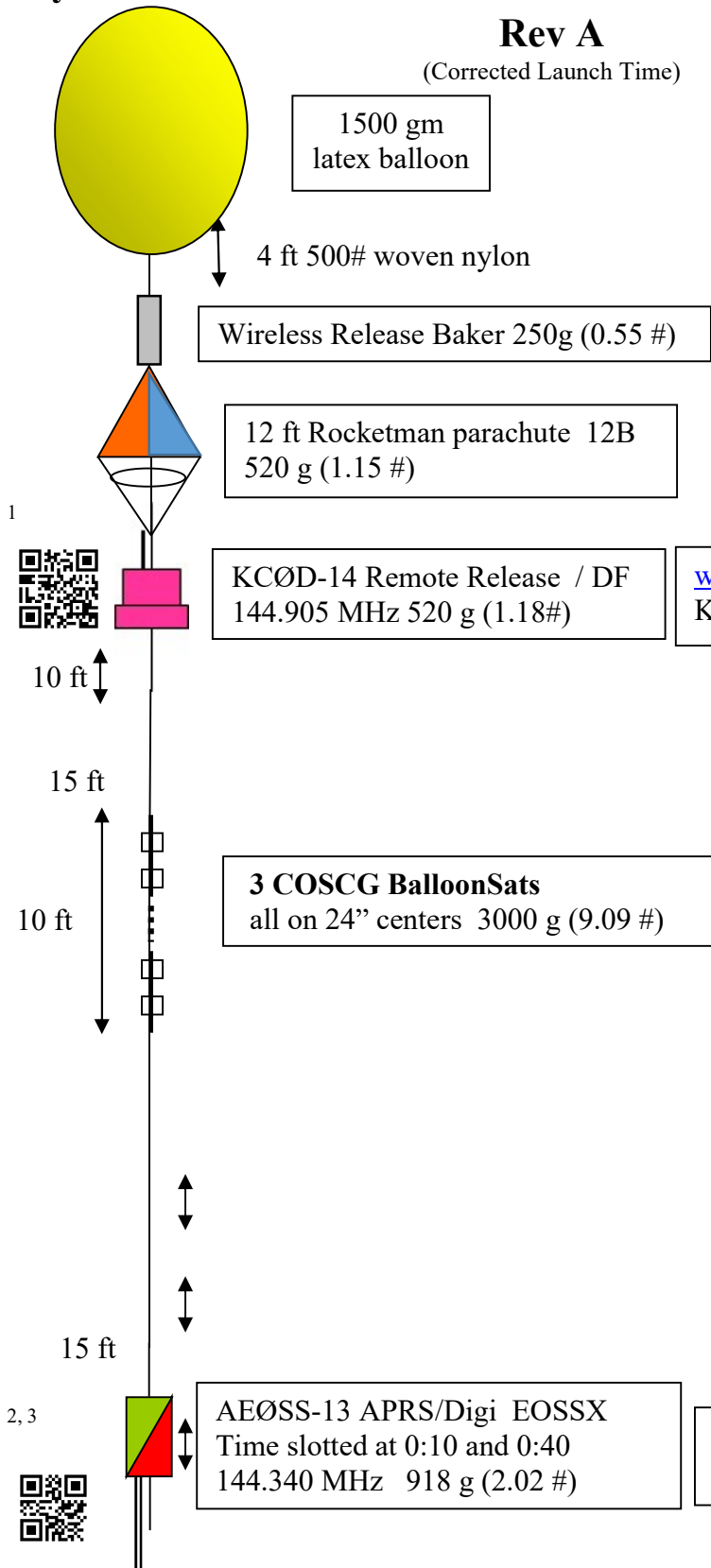
# EOSS-326 Lite

0700 MDT, 30 JUL 2022

## Rev A

Genoa, CO

(Corrected Launch Time)



1500 gm latex balloon

4 ft 500# woven nylon

Wireless Release Baker 250g (0.55 #)

12 ft Rocketman parachute 12B  
520 g (1.15 #)

KCØD-14 Remote Release / DF  
144.905 MHz 520 g (1.18#)

3 COSCG BalloonSats  
all on 24" centers 3000 g (9.09 #)

AEØSS-13 APRS/Digi EOSSX  
Time slotted at 0:10 and 0:40  
144.340 MHz 918 g (2.02 #)

Item	Weight pounds	Weight kg
Student Experiments	6.61	3.000
EOSS Payloads	3.75	1.703
Parachute	1.15	0.520
Neck load	11.51	5.223
Balloon	3.31	1.500
Gross Weight	14.82	6.723
Gross Lift Factor	1.25	1.25
Neck Lift	15.22	6.903
H2 fill; scf (approx)	250	
Burst Altitude; kft km	95.8	29.2

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
KCØD-14 / EOSS-326

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
AEØSS-13 / EOSS-326

<sup>1</sup> <http://www.aprs.fi/kc0d-14>(that is a zero)  
<sup>2</sup> [www.aprs.fi/ae0ss-13](http://www.aprs.fi/ae0ss-13) (that is a zero)  
<sup>3</sup> <https://track.eoss.org>