

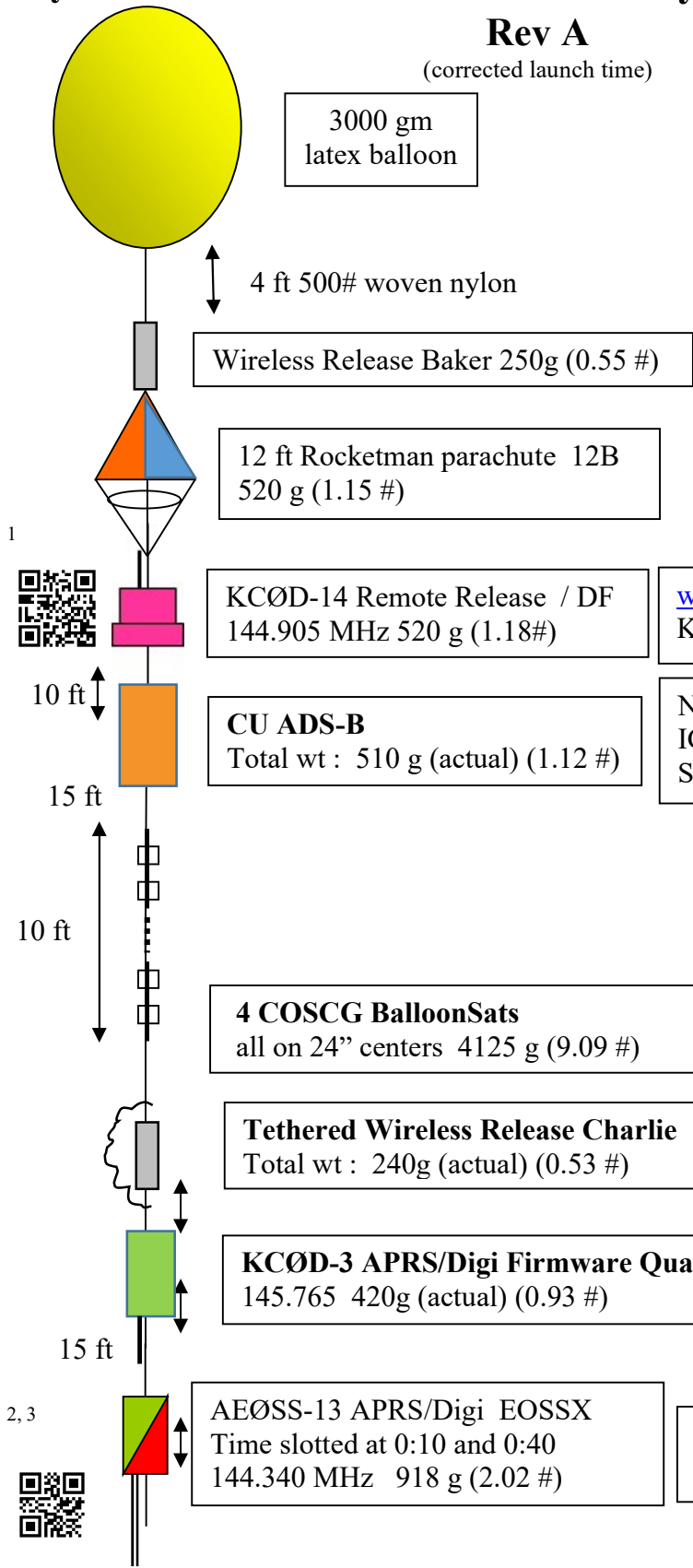
Payload Plan

EOSS-326 Heavy 0700 MDT, 30 JUL 2022

Rev A

Genoa, CO

(corrected launch time)



3000 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#)

CU ADS-B Total wt : 510 g (actual) (1.12 #)

4 COSCG BalloonSats all on 24" centers 4125 g (9.09 #)

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

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

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	9.09	4.125
EOSS Payloads	6.33	2.873
Parachute	1.15	0.520
Neck load	16.57	7.518
Balloon	6.61	3.000
Gross Weight	23.19	10.518
Gross Lift Factor	1.20	1.20
Neck Lift	21.21	9.620
H2 fill; scf (approx)	376	
Burst Altitude; kft km	107.6	32.8

www.wxqa.com/sss/balon1.cgi
KCØD-14 / EOSS-326

N-Number: N461SG
ICAO Code: A59EE9
Squawk: 4453

www.wxqa.com/sss/balon1.cgi
AEØSS-13 / EOSS-326

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