

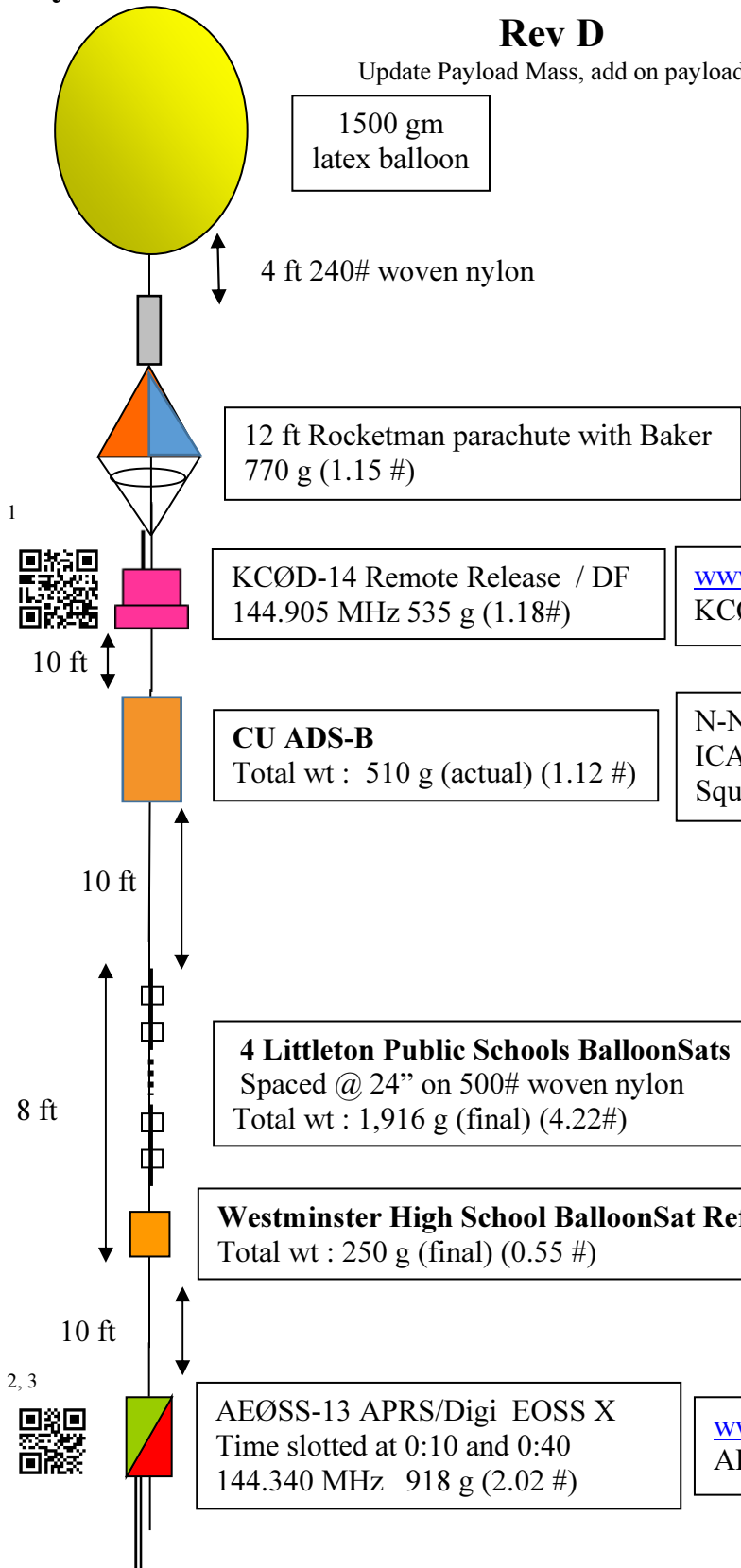
Payload Plan

EOSS-323 Lite 0700 MDT, 09 APR 2022

Rev D

Deer Trail, CO

Update Payload Mass, add on payload



Item	Weight pounds	Weight kg
Student Experiments	4.78	2.166
EOSS Payloads	4.33	1.963
Parachute	1.70	0.770
Neck load	10.80	4.899
Balloon	3.31	1.500
Gross Weight	14.11	6.399
Gross Lift Factor	1.25	1.25
Neck Lift	14.33	6.498
H2 fill; scf (approx)	238	
Burst Altitude; kft km	96.9	29.5

1500 gm latex balloon

4 ft 240# woven nylon

12 ft Rocketman parachute with Baker 770 g (1.15 #)

KCØD-14 Remote Release / DF 144.905 MHz 535 g (1.18#)

www.wxqa.com/sss/balon1.cgi
KCØD-14 / EOSS-323

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

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

4 Littleton Public Schools BalloonSats
Spaced @ 24" on 500# woven nylon
Total wt : 1,916 g (final) (4.22#)

Westminster High School BalloonSat Refly
Total wt : 250 g (final) (0.55 #)

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

www.wxqa.com/sss/balon1.cgi
AEØSS-13 / EOSS-323

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>