

Payload Plan

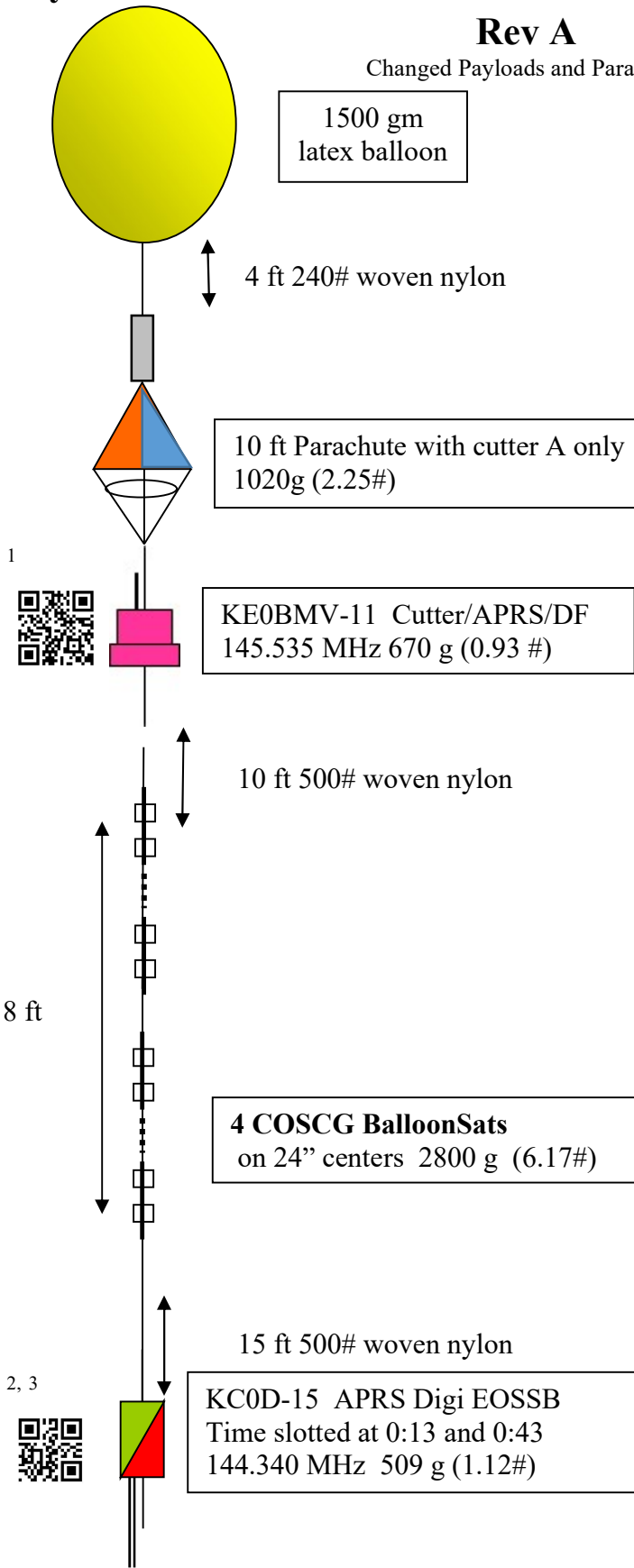
EOSS-323 Lite

0745 MST, 02 April 2022

Rev A

Deer Trail, CO

Changed Payloads and Parachute



Item	Weight pounds	Weight kg
Student Experiments	6.17	2.800
EOSS Payloads	2.60	1.179
Parachute	2.25	1.020
Neck load	11.02	4.999
Balloon	3.31	1.500
Gross Weight	14.33	6.499
Gross Lift Factor	1.20	1.20
Neck Lift	13.89	6.297
H2 fill; scf (approx)	232	
Burst Altitude; kft km	97.4	29.7

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

www.wxqa.com/sss/balon1.cgi
KE0BMV-11 / EOSS-323

4 COSCG BalloonSats
on 24" centers 2800 g (6.17#)

15 ft 500# woven nylon

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
KC0D-15 / EOSS-323

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

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

³ <https://track.eoss.org>