

Payload Plan

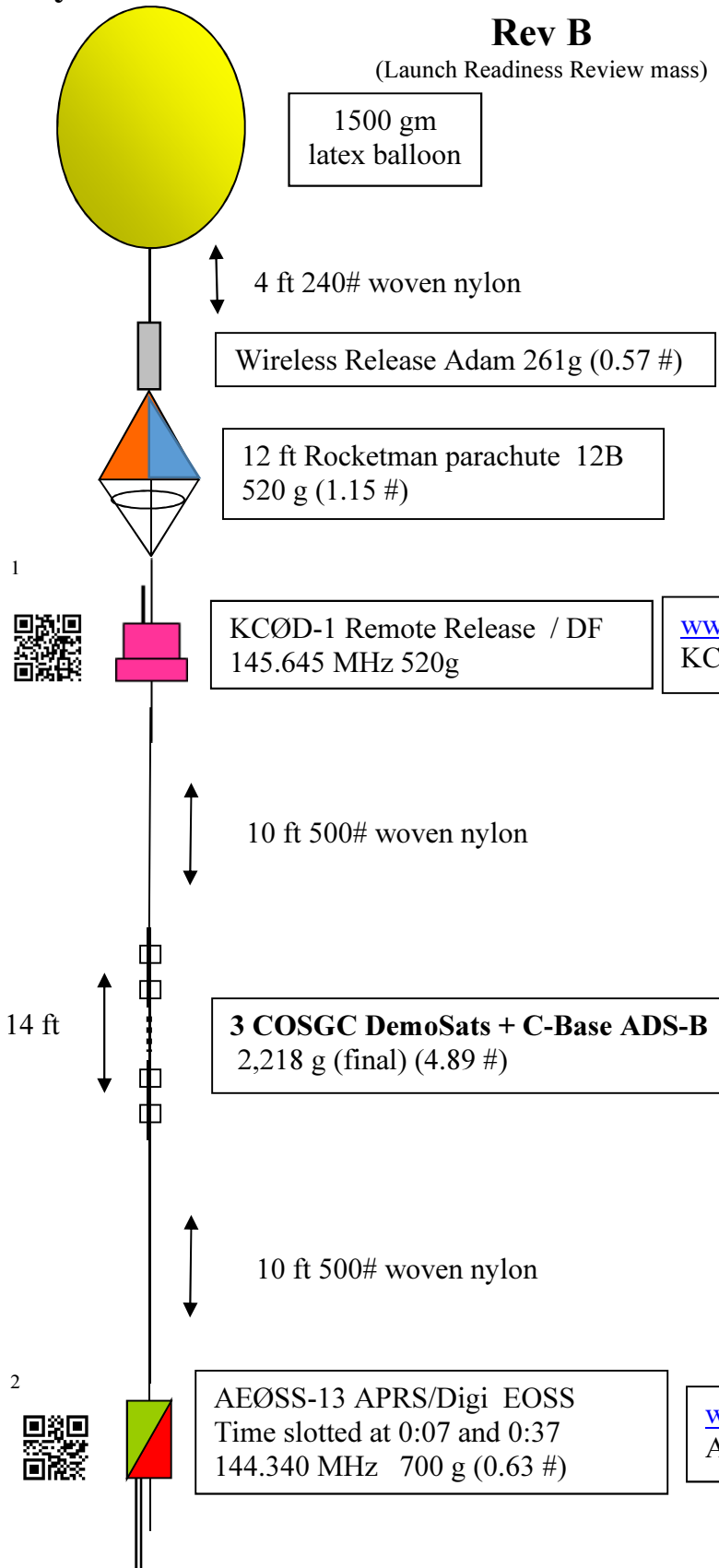
EOSS-298 Lite

Rev B

(Launch Readiness Review mass)

0800 MST, 09 Nov 2019

Eaton, CO



Item	Weight pounds	Weight kg
Student Payloads	4.89	2.218
EOSS Payloads	2.68	1.215
Parachute	1.62	0.736
Neck load	9.19	4.1686
Balloon	3.31	1.500
Gross Weight	12.50	5.6686
Gross Lift Factor	1.25	1.25
Neck Lift	12.31	5.585
H2 fill; scf (approx)	211	
Burst Altitude; kft km	99.5	30.3

1500 gm latex balloon

4 ft 240# woven nylon

Wireless Release Adam 261g (0.57 #)

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

KCØD-1 Remote Release / DF 145.645 MHz 520g

www.wxqa.com/sss/balon1.cgi
KCØD-1 / EOSS-298

10 ft 500# woven nylon

14 ft
3 COSGC DemoSats + C-Base ADS-B 2,218 g (final) (4.89 #)

10 ft 500# woven nylon

2
AEØSS-13 APRS/Digi EOSS Time slotted at 0:07 and 0:37 144.340 MHz 700 g (0.63 #)

www.wxqa.com/sss/balon1.cgi
AEØSS-13 / EOSS-298

¹ www.aprs.fi/kc0d-1 (that is a zero)

² www.aprs.fi/ae0ss-13 (that is a zero)