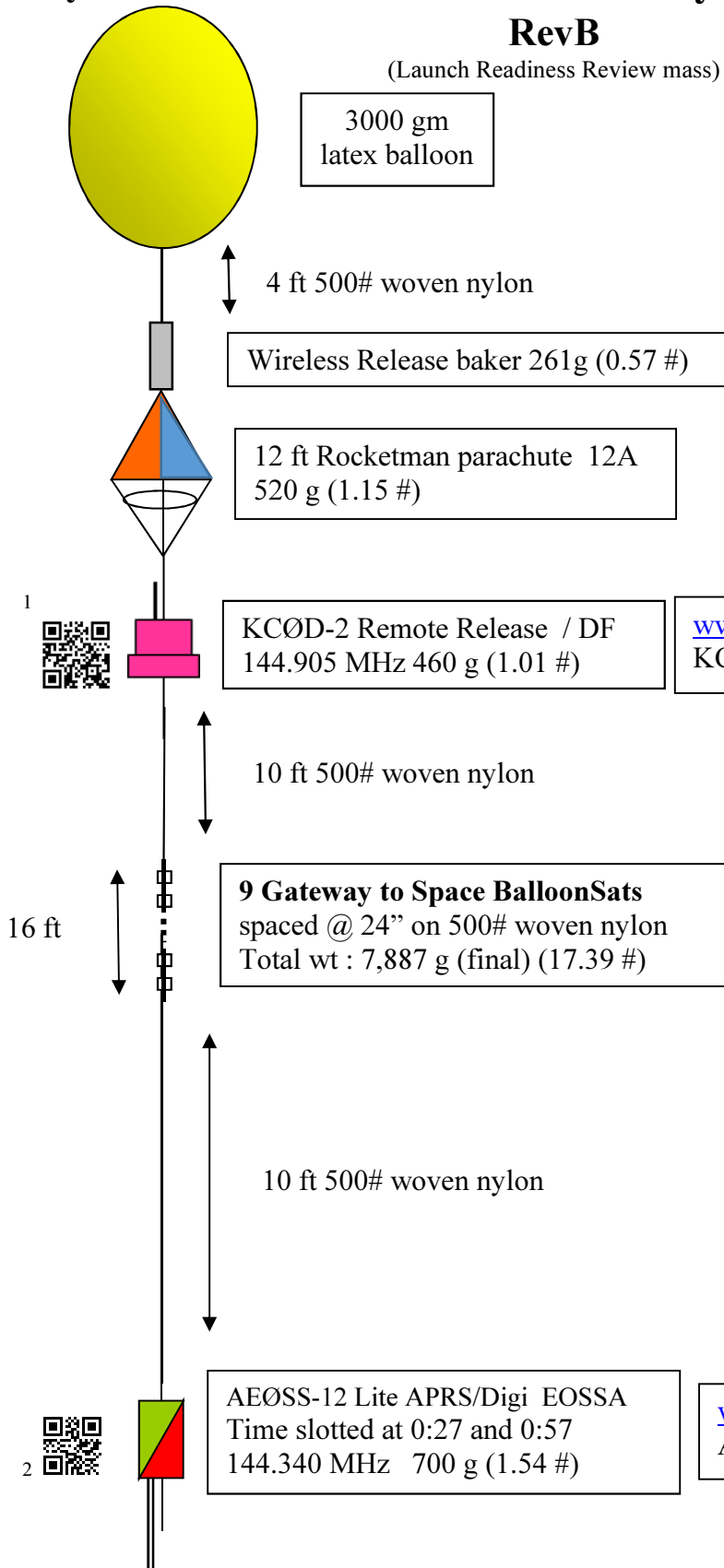


Payload Plan

EOSS-295 Heavy RevB

(Launch Readiness Review mass)

0710 MST, 09 Nov 2019
Eaton, CO



Item	Weight pounds	Weight kg
Student Payloads	17.39	7.887
EOSS Payloads	3.13	1.4206
Parachute	1.15	0.520
Neck load	21.67	9.8276
Balloon	6.61	3.000
Gross Weight	28.28	12.8276
Gross Lift Factor	1.15	1.15
Neck Lift	25.91	11.750
H2 fill; scf (approx)	439	
Burst Altitude; kft km	104.3	31.8

3000 gm latex balloon

4 ft 500# woven nylon

Wireless Release baker 261g (0.57 #)

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

KCØD-2 Remote Release / DF 144.905 MHz 460 g (1.01 #)

www.wxqa.com/sss/balon1.cgi
KCØD-2 / EOSS-295

10 ft 500# woven nylon

9 Gateway to Space BalloonSats spaced @ 24" on 500# woven nylon Total wt : 7,887 g (final) (17.39 #)

16 ft

10 ft 500# woven nylon

AEØSS-12 Lite APRS/Digi EOSSA Time slotted at 0:27 and 0:57 144.340 MHz 700 g (1.54 #)

www.wxqa.com/sss/balon1.cgi
AEØSS-12 / EOSS-295

¹ www.aprs.fi/kc0d-2 (that is a zero)

² www.aprs.fi/ae0ss-12 (that is a zero)