

Payload Plan

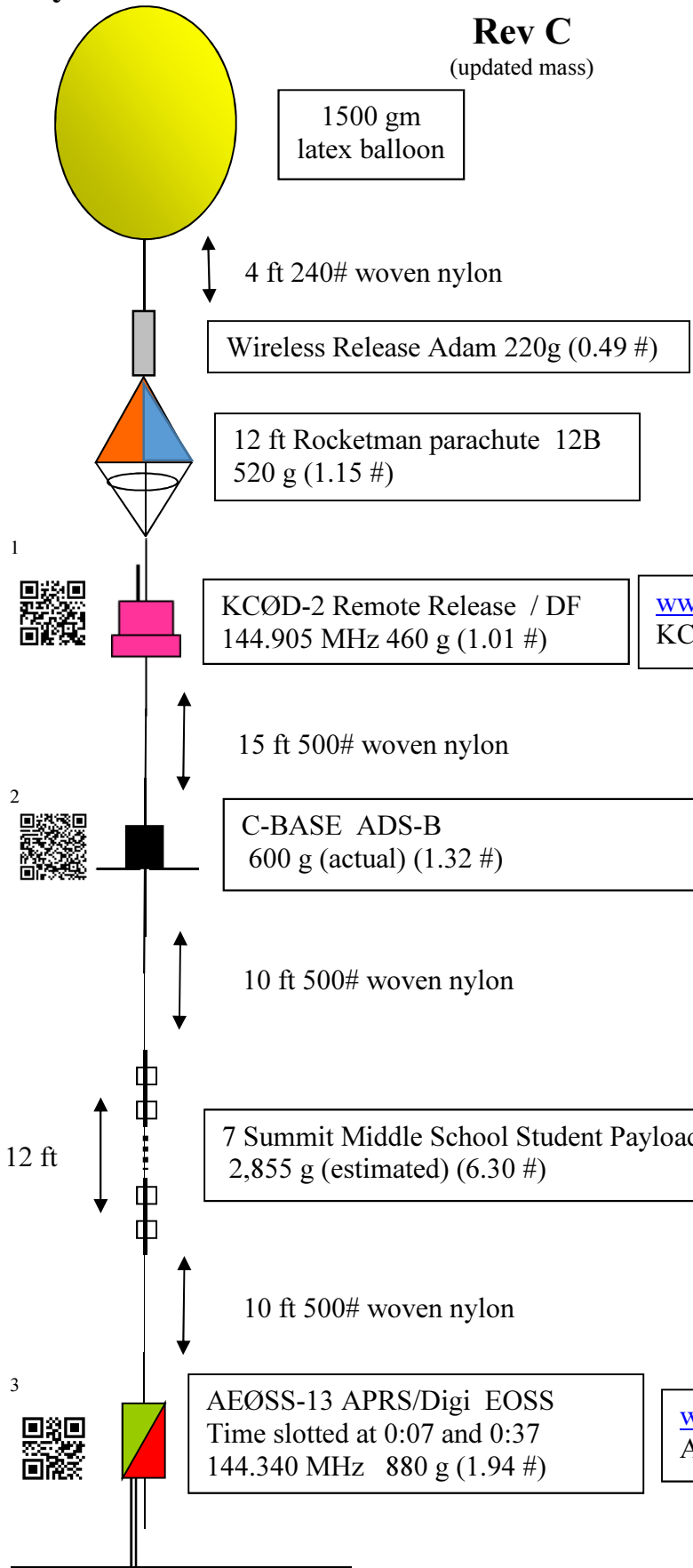
EOSS-289 Lite

0830 MDT, 04 May 2019

Rev C

Eaton, CO

(updated mass)



Item	Weight pounds	Weight kg
Student Payloads	6.30	2.855
EOSS Payloads	4.28	1.94
Parachute	1.63	0.740
Neck load	12.20	5.535398
Balloon	3.31	1.500
Gross Weight	15.51	7.035398
Gross Lift Factor	1.25	1.25
Neck Lift	16.08	7.293
H2 fill; scf (approx)	262	
Burst Altitude; kft km	94.9	28.9

1500 gm latex balloon

4 ft 240# woven nylon

Wireless Release Adam 220g (0.49 #)

12 ft Rocketman parachute 12B 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-289

15 ft 500# woven nylon

C-BASE ADS-B 600 g (actual) (1.32 #)

10 ft 500# woven nylon

7 Summit Middle School Student Payloads 2,855 g (estimated) (6.30 #)

10 ft 500# woven nylon

AEØSS-13 APRS/Digi EOSS Time slotted at 0:07 and 0:37 144.340 MHz 880 g (1.94 #)

www.wxqa.com/sss/balon1.cgi
AEØSS-13 / EOSS-289

¹ www.aprs.fi/kc0d-2 (that is a zero)
² <https://global.adsbexchange.com/VirtualRadar/desktop.html>
³ www.aprs.fi/ae0ss-13 (that is a zero)