

Payload Plan

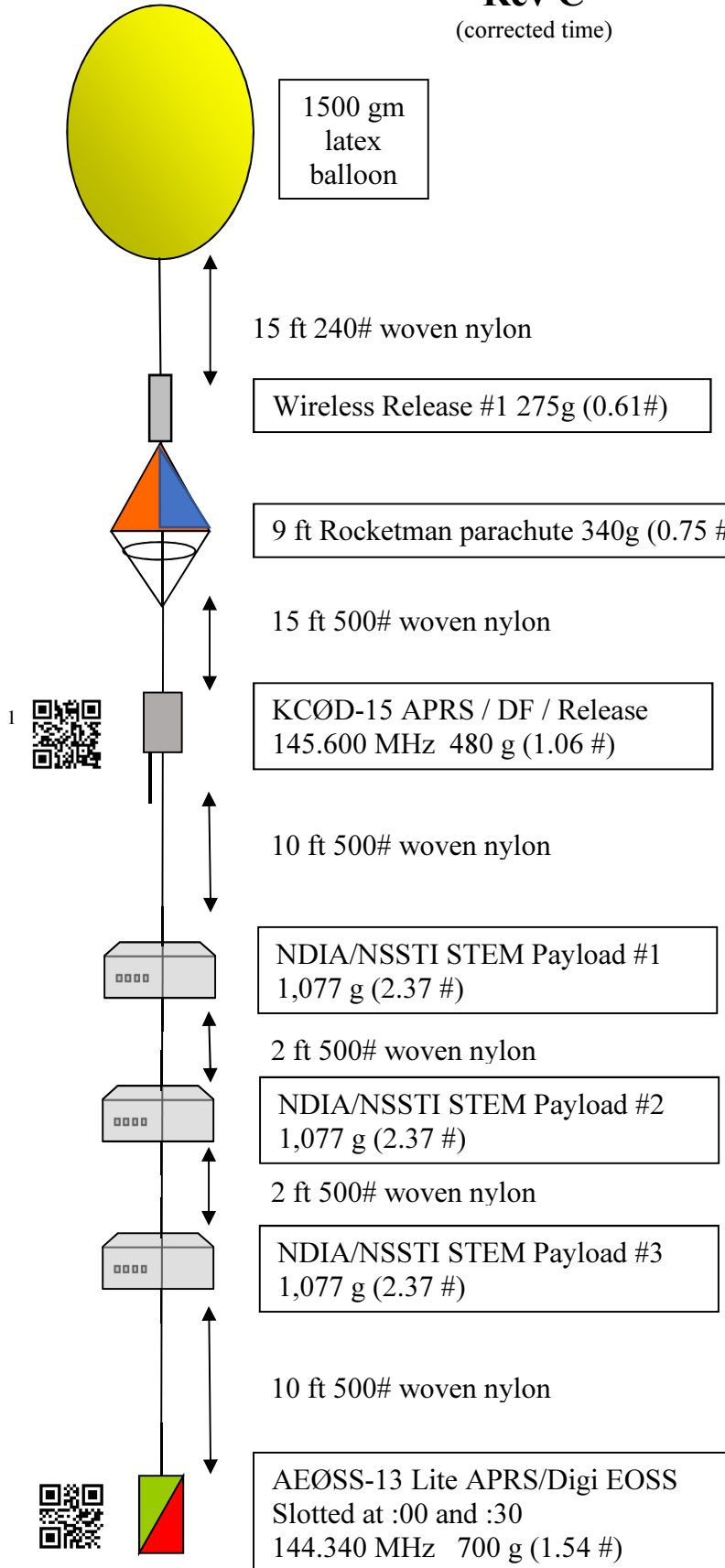
EOSS-269 Lite

0724 MDT, 17 Mar 2018

Rev C

Deer Trail, CO

(corrected time)



1500 gm
latex
balloon

15 ft 240# woven nylon

Wireless Release #1 275g (0.61#)

9 ft Rocketman parachute 340g (0.75 #)

15 ft 500# woven nylon

KCØD-15 APRS / DF / Release
145.600 MHz 480 g (1.06 #)

10 ft 500# woven nylon

NDIA/NSSTI STEM Payload #1
1,077 g (2.37 #)

2 ft 500# woven nylon

NDIA/NSSTI STEM Payload #2
1,077 g (2.37 #)

2 ft 500# woven nylon

NDIA/NSSTI STEM Payload #3
1,077 g (2.37 #)

10 ft 500# woven nylon

AEØSS-13 Lite APRS/Digi EOSS
Slotted at :00 and :30
144.340 MHz 700 g (1.54 #)

Item	Weight pounds	Weight kg
Student Payloads	7.13	3.232
EOSS Payloads	3.21	1.455
Parachute	0.75	0.340
Neck load	11.08	5.0269
Balloon	3.31	1.500
Gross Weight	14.39	6.5269
Gross Lift Factor	1.25	1.25
Neck Lift	14.68	6.657
H2 fill; scf (approx)	243	
Burst Altitude; kft km	96.5	29.4

www.wxqa.com/sss/balon1.cgi
KCØD-15 / EOSS-268

www.wxqa.com/sss/balon1.cgi
AEØSS-13 / EOSS-268

¹ <http://aprs.fi/kc0d-15> (that is a zero)
<http://aprs.fi/ae0ss-13> (that is a zero)