

Payload Plan

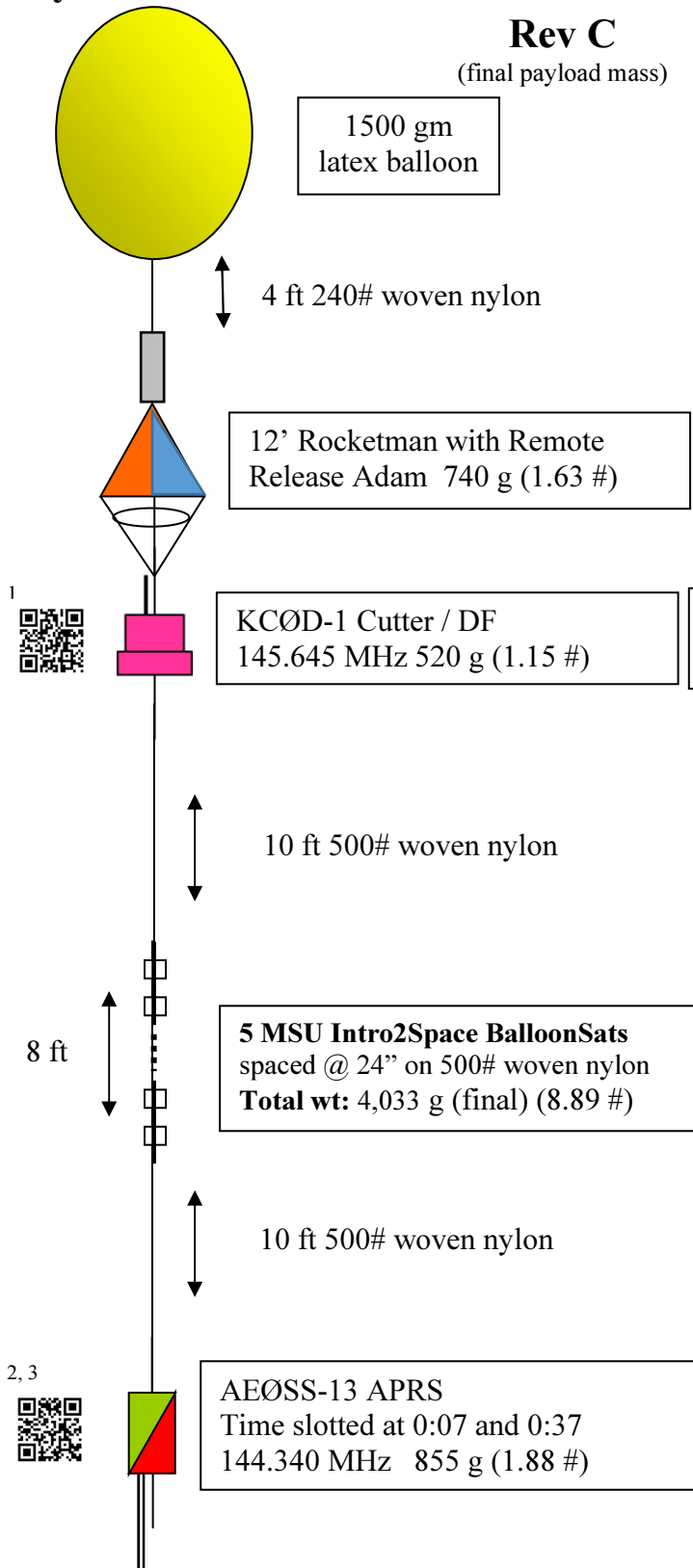
EOSS-318 Lite

0745 MDT, 30 Oct 2021

Rev C

Windsor, CO

(final payload mass)



1500 gm
latex balloon

4 ft 240# woven nylon

12' Rocketman with Remote Release Adam 740 g (1.63 #)

KCØD-1 Cutter / DF
145.645 MHz 520 g (1.15 #)

www.wxqa.com/sss/balon1.cgi
KCØD-1 / EOSS-318

10 ft 500# woven nylon

8 ft

5 MSU Intro2Space BalloonSats spaced @ 24" on 500# woven nylon
Total wt: 4,033 g (final) (8.89 #)

- Council A
- Bund des Oachkatzl
- ET's kids
- Fiesta de Globo
- GPS-Pi Demo

10 ft 500# woven nylon

2, 3

AEØSS-13 APRS
Time slotted at 0:07 and 0:37
144.340 MHz 855 g (1.88 #)

www.wxqa.com/sss/balon1.cgi
AEØSS-13 / EOSS-318

Item	Weight pounds	Weight kg
Student Experiments	8.89	4.033
EOSS Payloads	3.03	1.375
Parachute	1.63	0.740
Neck load	13.55	6.148
Balloon	3.31	1.500
Gross Weight	16.86	7.648
Gross Lift Factor	1.30	1.30
Neck Lift	18.61	8.441
H2 fill; scf (approx)	296	
Burst Altitude; kft km	92.3	28.1

¹ www.aprs.fi/kc0d-15 (that is a zero)
² www.aprs.fi/k0scc-14 (that too is zero)
³ <https://track.eoss.org>