

Payload Plan

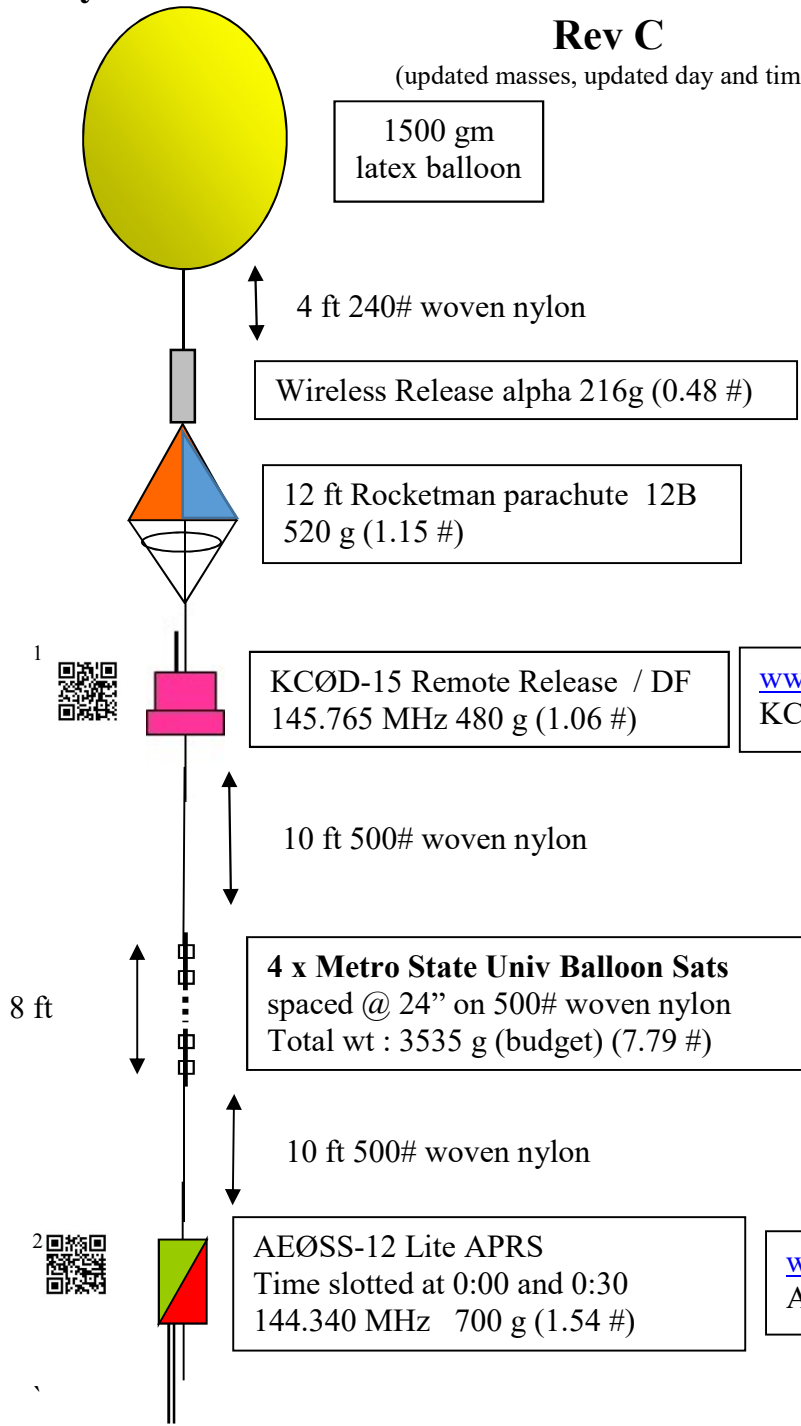
EOSS-280 Lite

0700 MST, 4 NOV 2018

Rev C

Deer Trail, CO

(updated masses, updated day and time)



Item	Weight pounds	Weight kg
Student Payloads	7.79	3.535
EOSS Payloads	2.60	1.18
Parachute	1.15	0.520
Neck load	12.02	5.4506
Balloon	3.31	1.500
Gross Weight	15.32	6.9506
Gross Lift Factor	1.25	1.25
Neck Lift	15.85	7.187
H2 fill; scf (approx)	259	

1500 gm latex balloon

4 ft 240# woven nylon

Wireless Release alpha 216g (0.48 #)

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

KCØD-15 Remote Release / DF 145.765 MHz 480 g (1.06 #)

10 ft 500# woven nylon

4 x Metro State Univ Balloon Sats spaced @ 24" on 500# woven nylon Total wt : 3535 g (budget) (7.79 #)

8 ft

10 ft 500# woven nylon

AEØSS-12 Lite APRS Time slotted at 0:00 and 0:30 144.340 MHz 700 g (1.54 #)

www.wxqa.com/sss/balon1.cgi
KCØD-15 / EOSS-280

www.wxqa.com/sss/balon1.cgi
AEØSS-12 / EOSS-280

¹ www.aprs.fi/kc0d-15 (that is a zero)
² www.aprs.fi/ae0ss-12 (that is a zero)