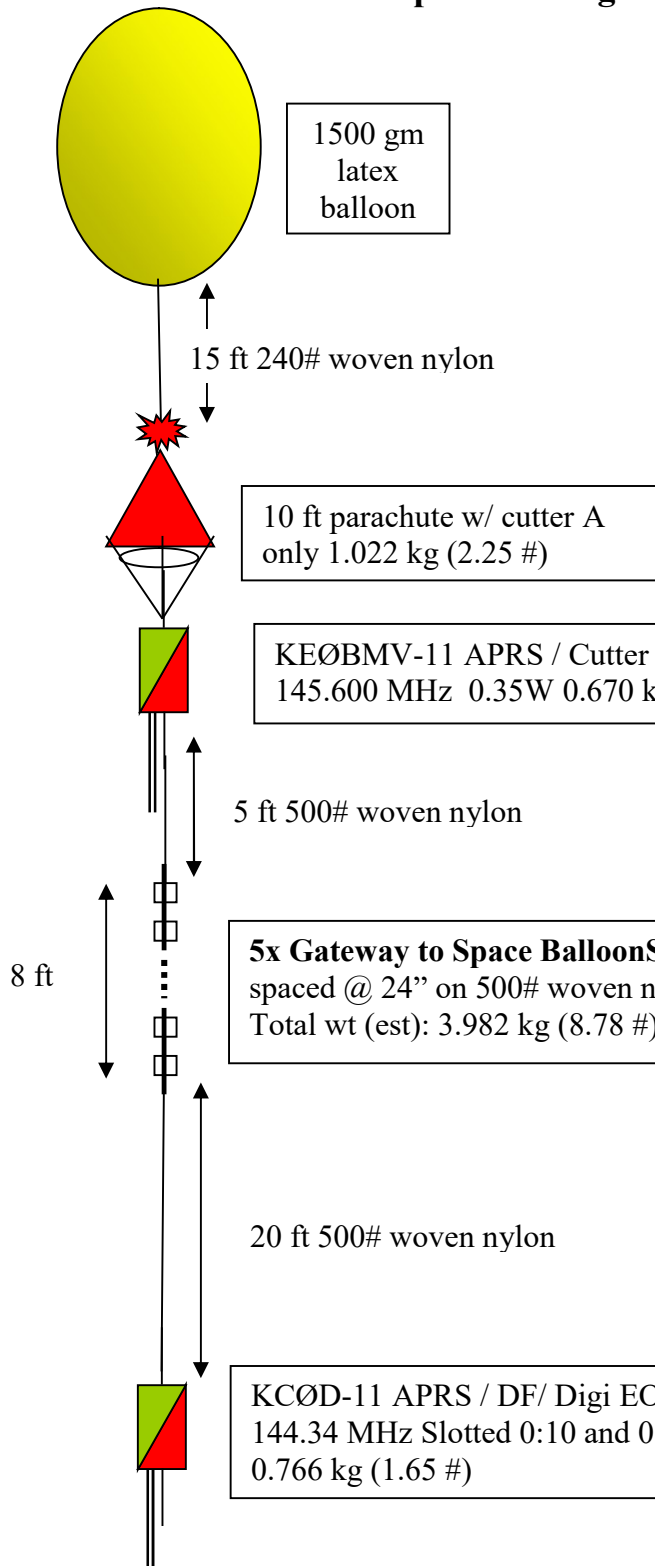


Payload Plan

EOSS-266 Lite Rev A Updated Weights, Digi

0710 MDT, 11 Nov 2017
Windsor, CO



1500 gm latex balloon

15 ft 240# woven nylon

10 ft parachute w/ cutter A only 1.022 kg (2.25 #)

KEØBMV-11 APRS / Cutter / DF
145.600 MHz 0.35W 0.670 kg (1.38 #)

www.wxqa.com/sss/balon1.cgi
KEØBMV-11 / EOSS-265

5 ft 500# woven nylon

8 ft
5x Gateway to Space BalloonSats
spaced @ 24" on 500# woven nylon
Total wt (est): 3.982 kg (8.78 #)

20 ft 500# woven nylon

KCØD-11 APRS / DF/ Digi EOSSC
144.34 MHz Slotted 0:10 and 0:40
0.766 kg (1.65 #)

www.wxqa.com/sss/balon1.cgi
KCØD-11 / EOSS-265

Item	Weight pounds	Weight kg
Student Payloads	8.78	3.982
EOSS Payloads	2.38	1.08
Parachute	1.02	1.020
Neck load	13.41	6.082
Balloon	3.31	1.500
Gross Weight	16.72	7.582
Gross Lift Factor	1.25	1.25
Neck Lift	17.59	7.976
H2 fill; scf (approx)	282	
Burst Altitude; kft km	93.3	28.4