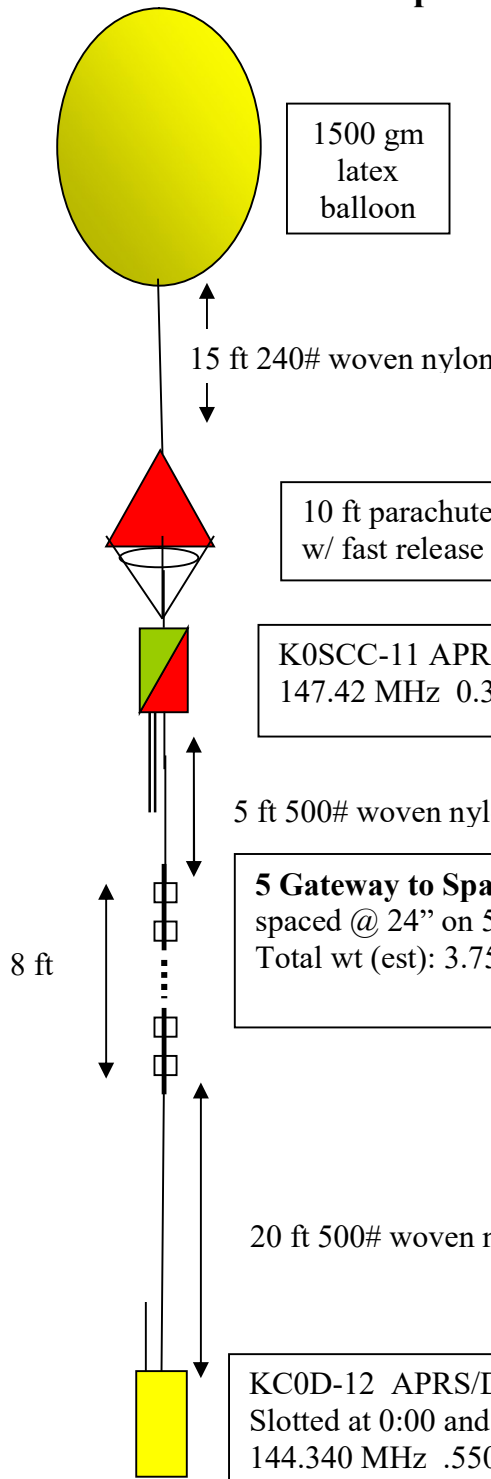


Payload Plan

EOSS-265 Lite Rev A Updated Weights, Digi

0650 MT, 11 Nov 2017
Windsor, CO



1500 gm latex balloon

15 ft 240# woven nylon

10 ft parachute 2.4# w/ fast release

K0SCC-11 APRS / Cutter / DF
147.42 MHz 0.35W 2.06#

5 ft 500# woven nylon

5 Gateway to Space Balloonsats
spaced @ 24" on 500# woven nylon
Total wt (est): 3.758 kg (8.28 #)

8 ft

20 ft 500# woven nylon

KC0D-12 APRS/DF/Digi EOSS
Slotted at 0:00 and 0:30
144.340 MHz .550 kg (1.21#)

Item	Weight pounds	Weight kg
Student Payloads	8.28	3.758
EOSS Payloads	3.27	1.485
Parachute	1.09	1.088
Neck load	13.96	6.331
Balloon	3.31	1.500
Gross Weight	17.26	7.831
Gross Lift Factor	1.25	1.25
Neck Lift	18.27	8.287
H2 fill; scf (approx)	292	
Burst Altitude; kft km	92.6	28.2

www.wxqa.com/sss/balon1.cgi
K0SCC-11 / EOSS-265

www.wxqa.com/sss/balon1.cgi
KC0D-12 / EOSS-265