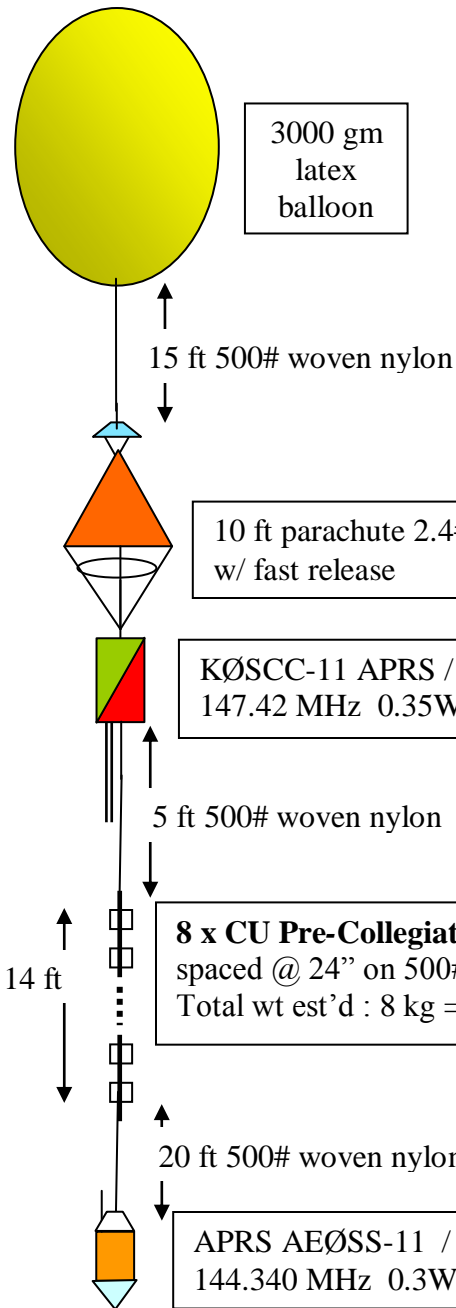


Payload Plan

EOSS-197
Rev B – Ran LiftWin

0710 MT, 3/4 July 2014
Deer Trail, CO



3000 gm latex balloon

15 ft 500# woven nylon

10 ft parachute 2.4# w/ fast release

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

www.wxqa.com/cgi-bin/balon1.cgi
KØSCC-11 / EOSS-197

5 ft 500# woven nylon

8 x CU Pre-Collegiate Development Program BalloonSats
spaced @ 24" on 500# woven nylon
Total wt est'd : 8 kg = (17.63#)

14 ft

20 ft 500# woven nylon

APRS AEØSS-11 / EOSS / BALNOD
144.340 MHz 0.3W 1123 gm (2.4#)

www.wxqa.com/cgi-bin/balon1.cgi
AEØSS-11 / EOSS-197

Item	Weight, lb	Weight, gm
Student Payloads (Est'd)	17.63	8,003
EOSS Payloads	4.46	2,025
Parachute and cutter	2.4	1,089
Neck load	24.5	11,121
Balloon	6.608	3,000
Gross wt	31.1	14,117
Gross lift factor	1.15	1.15
Neck lift	29.2	13,255
Liftwin H2 fill std cuft	500	--
Liftwin Burst Alt, Kft MSL	98K'	--