

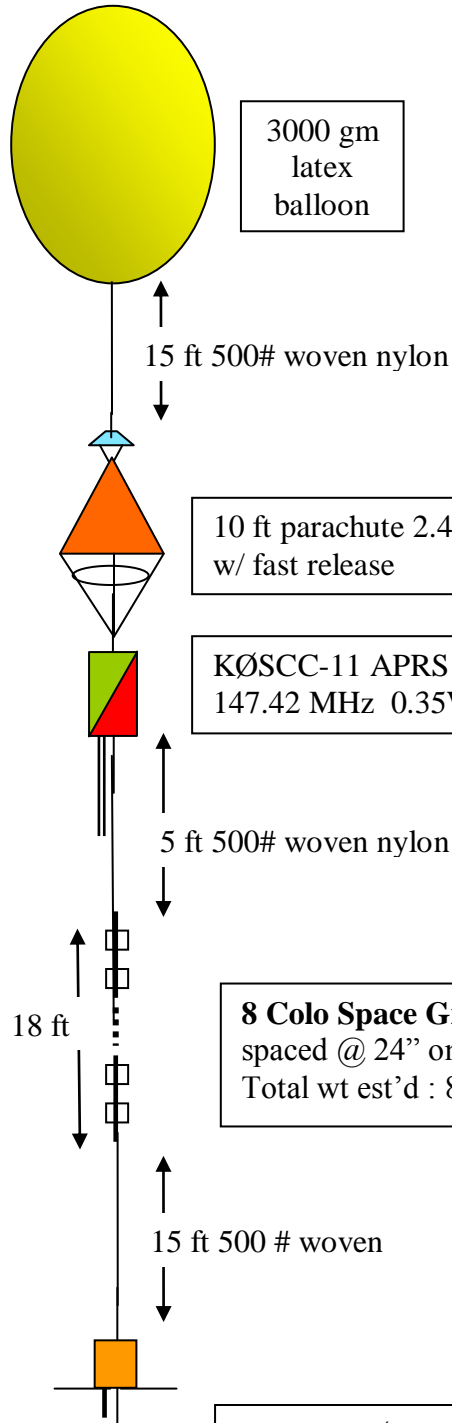
Payload Plan

EOSS-195

0710 MDT, Apr 12/13 2014

Rev B

Eaton, 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#

5 ft 500# woven nylon

18 ft

8 Colo Space Grant Balloonsats + 2 Mines Demosats
spaced @ 24" on 500 # woven nylon
Total wt est'd : 8462 kg = (18.66 #)

15 ft 500 # woven

APRS KCØUUO-11/EOSS/
Timeslotted 0:15 & 0:45
144.340 MHz 575g 1.27#

| Item | Weight, lb | Weight, gm |
|----------------------------|------------|------------|
| Student Payloads est'd | 18.66 | 8,470 |
| EOSS Payloads | 3.33 | 1,512 |
| Parachute and cutter | 2.40 | 1,089 |
| Neck load | 24.4 | 11,076 |
| Balloon | 6.62 | 3,005 |
| Gross wt | 31.0 | 14,072 |
| Gross lift factor | 1.15 | 1.15 |
| Neck lift | 29.0 | 13,164 |
| Liftwin H2 fill std cuft | 514 | -- |
| Liftwin Burst Alt, Kft MSL | -- | -- |

www.wxqa.com/cgi-bin/balon1.cgi
KØSCC-11 / EOSS-195

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KCØUUO-11 / EOSS-195