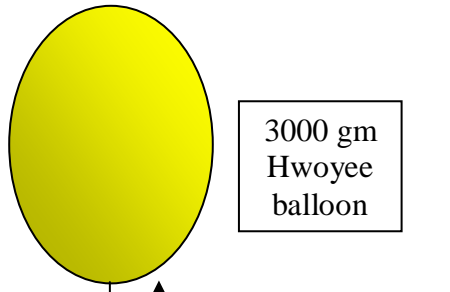


Payload Plan

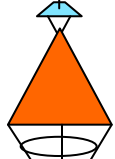
EOSS-191 0650 MST, Nov 16/17 2013

Rev D – Corrected Payload wts Windsor, CO



3000 gm
Hwoyee
balloon

15 ft 500# woven nylon



10 ft parachute 2.4 #
w/ fast release



AEØSS CW/cutdown
147.555 MHz 0.925 #

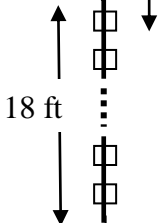
5 ft 500# woven nylon



NØIX-11 APRS 445.975 MHz
300 mW 0.382 kg 1.10 #

www.wxqa.com/cgi-bin/balon1.cgi
NØIX-11 / EOSS-191

5 ft 500# woven nylon



8 Gateway to Space Balloonsats
spaced @ 24" on 500 # woven nylon
Total wt est'd : 9034 g = (19.92 #)

15 ft 500 # woven



APRS AEØSS-11/EOSS/
BALNOD
Timeslotted 0:00 & 0:30
144.340 MHz 0.35W 2.5 #

www.wxqa.com/cgi-bin/balon1.cgi
AEØSS-11 / EOSS-191

| Item | Weight, lb | Weight, gm |
|-------------------------------|---------------|---------------|
| Student Payloads | 19.92 | 9,042 |
| EOSS Payloads | 4.53 | 2,056 |
| Parachute and cutter | 2.40 | 1,089 |
| Neck load | 26.9 | 12,211 |
| Balloon | 6.62 | 3,005 |
| Gross wt | 33.5 | 15,207 |
| Gross lift factor | 1.15 | 1.15 |
| Neck lift | 31.9 | 14,480 |
| Liftwin H2 fill std cuft | 530 | -- |
| Liftwin Burst Alt, Kft MSL | 98 | -- |