|  |  |  |
| --- | --- | --- |
| **Item** | **Weight pounds** | **Weight kg** |
| Student Payloads | 18.68 | 8.471 |
| EOSS Payloads | 3.20 | 1.45 |
| Parachute | 2.40 | 1.088 |
| Neck load | 24.27 | 11.009 |
| Balloon | 6.61 | 3.000 |
| Gross Weight | 30.88 | 14.009 |
| Gross Lift Factor | 1.15 | 1.15 |
| Neck Lift | 28.90 | 13.108 |
| H2 fill; scf (approx) | 480 | |
| Burst Altitude; kft km | 102.4 | 31.2 |

3000 gm latex balloon

15 ft 500# woven nylon

10 ft parachute w/ fast release 1.088 kg (2.40 #)

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)

KØSCC-11 / EOSS-241

KØSCC-11 APRS / Cutter / DF

147.420 MHz 0.35W 0.935 kg (2.06 #)

5 ft 500# woven nylon

**10 COSCG Balloon Sats**

spaced @ 24” on 500# woven nylon

Total wt : 8.626 kg (19.02 #)

18 ft

20 ft 500# woven nylon

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)

KCØUUO-11 / EOSS-241

KCØUUO-11 APRS Digi/ EOSSA

Slotted at 0:00 and 0:30

144.340 MHz 0.35W 0.500 kg (1.10 #)

8.5 ft parachute 1291 gm

w/ fast release 2.8#