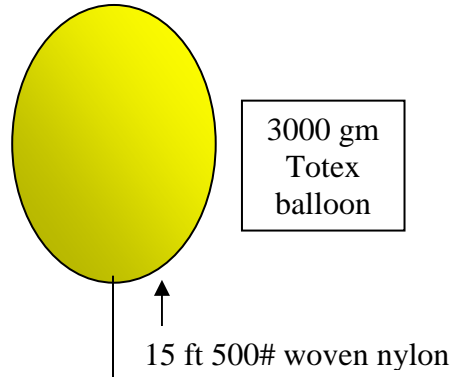


# Payload Plan

**EOSS-201**  
Rev C mass update

**0710 MST, Nov 15/16 2014**  
**Windsor, CO**



3000 gm  
Totex  
balloon

15 ft 500# woven nylon

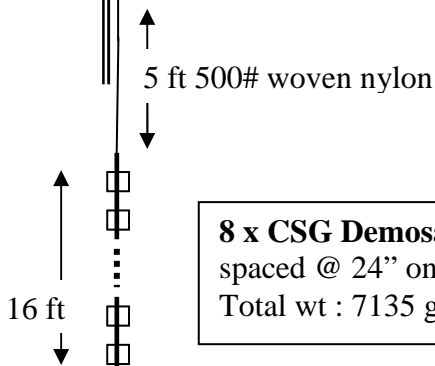


8.5 ft parachute 2.8#  
w/ fast release



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

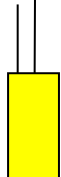
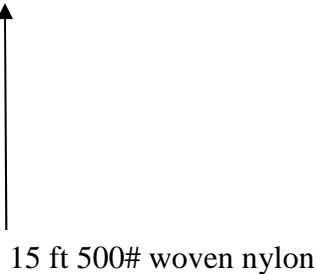
[www.wxqa.com/cgi-bin/balon1.cgi](http://www.wxqa.com/cgi-bin/balon1.cgi)  
KØSCC-11 / EOSS-201



**8 x CSG Demosats**  
spaced @ 24" on 500# woven nylon  
Total wt : 7135 g (15.73 #) (est)



**Watershead School**  
Ozone monitor 623g (1.37#) (est)



**APRS KCØUUO-11 / EOSS / BALND2**  
Timeslotted at 0:15 and 0:45  
144.340 MHz 500 mW 0.500 kg (1.10 #)

[www.wxqa.com/cgi-bin/balon1.cgi](http://www.wxqa.com/cgi-bin/balon1.cgi)  
KCØUUO-11 / EOSS-201

Item	Weight (lb)	Wt (gm)
Student Payloads (est'd)	17.33	7,858
EOSS Payloads	3.16	1,434
Parachute and cutter	2.80	1,270
Neck Load	23.29	10,562
Balloon	6.62	3,000
Gross wt	29.90	13,562
Gross lift factor	1.15	1.15
(tare wt) Neck lift	27.77	12,596
	460	scf
	100	kft