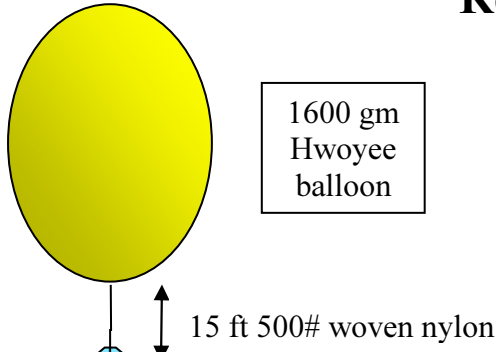


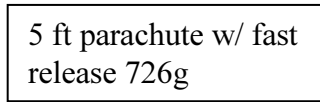
Payload Plan

**EOSS-205
Rev D**

**0715 MDT, Mar 14/15 2015
Deer Trail, CO**



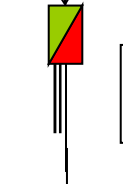
Item	mass (lb)	mass (kg)
Science & Qualification Payloads (est'd)	6.19	2.805
EOSS Flight Payloads	3.32	1.504
Parachute and cutter	1.60	0.726
Neck Load	11.10	5.035
Balloon	3.53	1.600
Gross wt	14.63	6.635
Gross lift factor	1.18	1.18
(tare wt) Neck lift	13.74	6.229
H ₂ fill std. cu. ft.	230	
burst alt kft MSL	105	



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

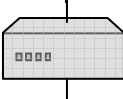
www.wxqa.com/sss/balon1.cgi
KØSCC-11 / EOSS-205

10 ft
500#
woven
nylon



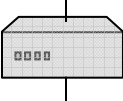
Montclair School Science
Experiment 680g

5 ft.



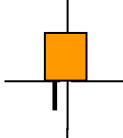
KCØRPS Dual Geiger Counter
Payload 898g

5 ft.



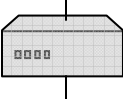
AEØSS-13 APRS/digi (qualify)
146.40 MHz 300 mW 998g (est)
Timeslotted :00 & :30

10 ft.



Standley Lake HS Earth Sciences
Experiment 107g

5 ft.



KCØUUO-11 APRS 144.340
MHz 300 mW 500g
Timeslotted :15 & :45

www.wxqa.com/sss/balon1.cgi
KCØUUO-11 / EOSS-205