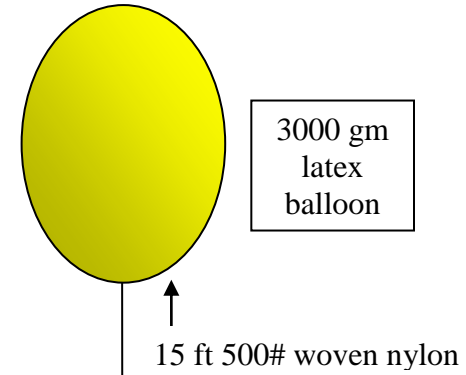


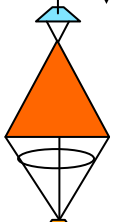
Payload Plan

EOSS-186 13/14 April 2013 @ 0710
Rev D- Bump 'UO-11 mass 101 K ft



3000 gm latex balloon

15 ft 500# woven nylon

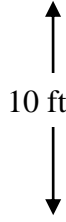


10 ft parachute 2.4# w/ fast release



W5VSI CW/cutdown
145.600 MHz 404 gm (0.9#)

5 ft 500# woven nylon



6 x Colo Space Grant Demosats
spaced @ 24" on 500# woven nylon
Total wt = 6153 g (13.57#)

20 ft 500# woven nylon



KCØUUO-11 APRS Bcn 445.975 MHZ
500g 1.10#

5 ft 500# woven nylon



APRS KCØYA-11 / EOSS / BALND2 Slotted 0:15 & 0:45
144.340 MHz 0.35W
1371 gm 3.02 #

www.wxqa.com/cgi-bin/balon1.cgi
KCØYA-11 / EOSS-186

Item	Weight, lb	Weight, gm
Student Payloads	13.57	6,160
EOSS Payloads	5.02	2,279
Parachute and cutter	2.4	1,089
Neck load	21.0	9,532
Balloon	6.608	3,000
Gross wt	27.6	12,528
Gross lift factor	1.15	1.15
Neck lift	25.1	11,394
Liftwin H2 fill std cuft	450	--
Liftwin Burst Alt, Kft MSL	101	--