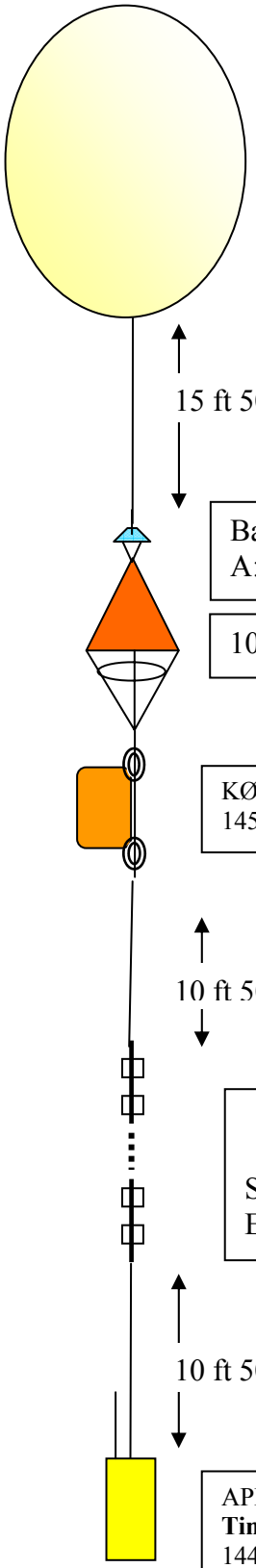
Payload Plan EOSS-137 11/19 April 2009 @ 0710

Rev C – final weights 95k ft

Item	Weight, lb
Student Payloads (Est'd)	15.39
EOSS Payloads	5.84
Parachute and cutter	2.5
Neck load	23.7
Balloon	6.6
Gross wt	30.3
Gross lift factor	1.15
Neck lift	28.2



3000 gm
latex balloon

15 ft 500# cord

Baro-armed load dump release
A: Backup Burn (0.4#)

10 ft parachute (2.1#)

KØSCC-11 APRS / CUTTER BEACON
145.600 MHz (3.0#)

10 ft 500# cord

4 CU Colorado Space Grant DemoSats
3 CU Colorado Space Grant CMSARTS
Spaced @ 36" on 500# nylon
Estimated wt: 7.47 kg = 15.39#

10 ft 500# cord

APRS KCØYA-11 / EOSS / BALNOD
Timeslotted 0:15, 0:45
144.340 MHz 0.35W (2.8#)

www.wxqa.com/cgi-bin/balon1.cgi
KCØYA-11 / EOSS-137

04-10-2009a