

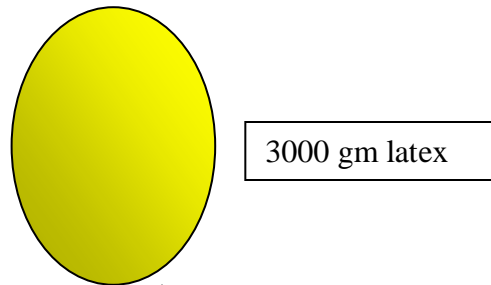
Payload Plan

EOSS-149

16 Jan 2010 @ 0720

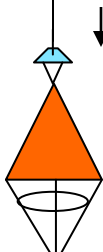
Rev C – Final wts + FHA jar

97 k ft



3000 gm latex

15 ft 500# woven nylon



8.5 ft parachute 2.8#
w/ fast release



CW/Cutdown I AEØSS
147.555 MHz 0.9 #

5 ft 500# woven nylon

10 ft



6x Colo SGC Demosats
Spaced @ 24" on 500# woven nylon
Total wt: 18.45#

5 ft 250# woven nylon



Foothills Academy Experiment
In Lg Peanut Jar – Est. 1#

5 ft 250# woven nylon



APRS AEØSS-11/EOSS/
BALNOD
Timeslotted 0:00 & 0:30
144.340 MHz 0.30W 2.5 #

Item	Weight, lb
Student Payloads (est'd)	19.45
EOSS Payloads	3.4
Parachute & fast release	2.8
Neck load	25.7
Balloon	6.6
Gross wt	32.3
Gross lift factor	1.15
Neck lift	30.5
Liftwin v0.41 He fill	615 ft ³
Liftwin v0.41 burst alt	97 K'

www.wxqa.com/cgi-bin/balon1.cgi
AEØSS-11 / EOSS-149