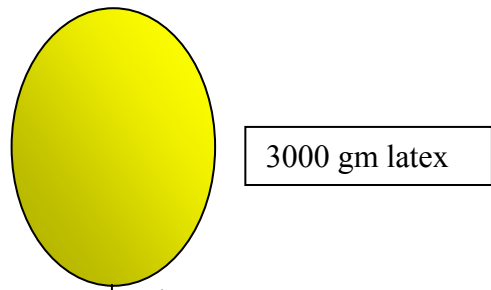


# Payload Plan

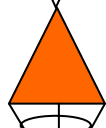
## EOSS-147 Rev E – final weights

07 Nov 2009 @ 0650  
102 k ft



3000 gm latex

15 ft 500# woven nylon



10 ft parachute 2.4#  
w/ fast release



CW/Cutdown I AEØSS  
147.555 MHz 0.9 #

10 ft 500# woven nylon

18 ft



10 x Balloonsats @ ~900 gm each  
Spaced @ 24" on 500# woven nylon w/ half-hitch on bight separators  
Est'd total wt: 19.14 #

5 ft 500# woven nylon



APRS AEØSS-11/EOSS/  
BALNOD  
Timeslotted 0:00 & 0:30  
144.340 MHz 0.35W 2.5 #

[www.wxqa.com/cgi-bin/balon1.cgi](http://www.wxqa.com/cgi-bin/balon1.cgi)  
AEØSS-11 / EOSS-147

Item	Weight, lb
Student Payloads (est'd)	19.14
EOSS Payloads	3.4
Parachute & fast release	2.4
Neck load	24.9
Balloon	6.6
Gross wt	31.5
Gross lift factor	1.15
Neck lift	29.6
Liftwin v0.41 He fill	647 ft <sup>3</sup>
Liftwin v0.41 burst alt	102 K'