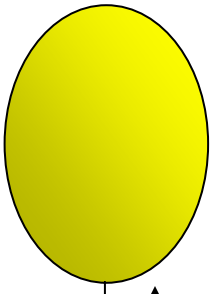
Payload Plan EOSS-147 07 Nov 2009 @ 0650
Rev E – final weights 102 k ft



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
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^3
Liftwin v0.41 burst alt	102 K'