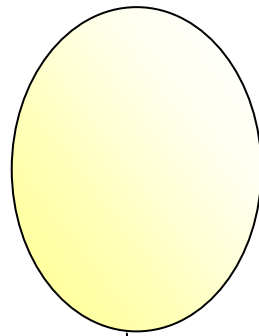


Payload Plan

EOSS-139 Rev D

09/10 April 2009 @ 0700



3000 gm
latex balloon

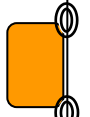
15 ft 500# cord



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



10 ft parachute (2.0#)

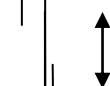


KØSCC-11 APRS / CUTTER BEACON
145.600 MHz (3.9#)
Timeslotted 0:45



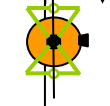
W5VSI DF/ Cutter II qual
445.975 1.0#

5 ft 500# nylon



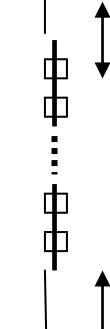
SamCam2 2.0 #

5 ft 500# nylon



5x Lockheed Martin Explorer Student Payloads
Spaced @ 36" on 500# nylon
1 @ 2.4 GHz ATV xmtr, (2414 MHz-2468 MHz)
1 cell phone Nokia model 6012B
Estimated wt for all student payloads: 5.28 kg = 11.65#

10 ft 500# cord



APRS KCØYA-11 / EOSS / BALNOD 2
144.340 MHz 0.35W (2.8#)
Slotted 0:15 & 0:45

Item	Weight, lb
Student Payloads (Est'd)	11.65
EOSS Payloads	9.7
Parachute and cutter	2.4
Neck load	23.8
Balloon	6.6
Gross wt	30.4
Gross lift factor	1.15
Neck lift	28.4