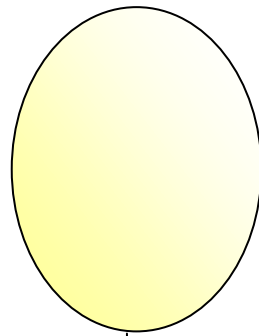


# Payload Plan

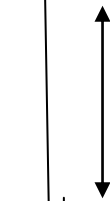
# EOSS-139 Rev D

09/10 April 2009 @ 0700



3000 gm  
latex balloon

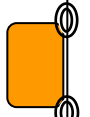
15 ft 500# cord



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



10 ft parachute (2.0#)

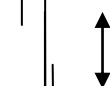


KØSCC-11 APRS / CUTTER BEACON  
145.600 MHz (3.9#)  
Timeslotted 0:45



W5VSI DF/ Cutter II qual  
445.975 1.0#

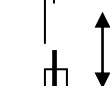
5 ft 500# nylon



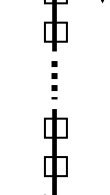
SamCam2 2.0 #



5 ft 500# nylon



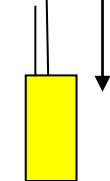
5x Lockheed Martin Explorer Student Payloads  
Spaced @ 36" on 500# nylon  
1 @ 2.4 GHz ATV xmtr, (2414 MHz-2468 MHz)  
1 cell phone Nokia model 6012B  
Estimated wt for all student payloads: 5.28 kg = 11.65#



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