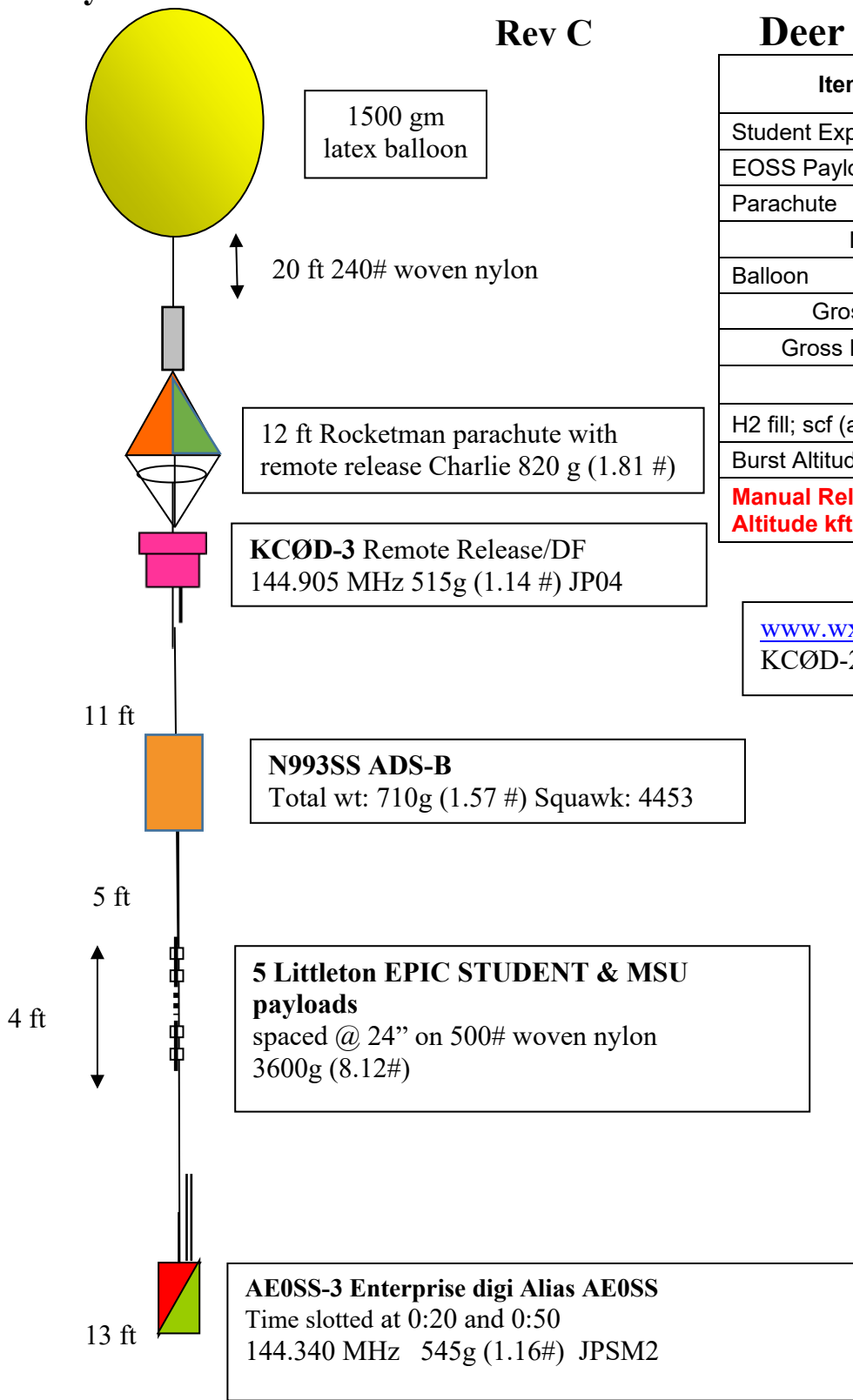


Payload Plan

EOSS-399 Lite Rev C

0720 MDT 02 May 2026
Deer Trail, CO



1500 gm
latex balloon

20 ft 240# woven nylon

12 ft Rocketman parachute with
remote release Charlie 820 g (1.81 #)

KCØD-3 Remote Release/DF
144.905 MHz 515g (1.14 #) JP04

N993SS ADS-B
Total wt: 710g (1.57 #) Squawk: 4453

**5 Littleton EPIC STUDENT & MSU
payloads**
spaced @ 24" on 500# woven nylon
3600g (8.12#)

AEØSS-3 Enterprise digi Alias AEØSS
Time slotted at 0:20 and 0:50
144.340 MHz 545g (1.16#) JPSM2

Item	Weight pounds	Weight kg
Student Experiments	7.94	3.600
EOSS Payloads	3.90	1.770
Parachute	1.81	0.820
Neck load	13.65	6.190
Balloon	3.31	1.500
Gross Weight	16.95	7.690
Gross Lift Factor	1.30	1.30
Neck Lift	18.73	8.496
H2 fill; scf (approx)	298	
Burst Altitude; kft km	92.1	28.1
Manual Release Altitude kft	90.1	

www.wxqa.com/sss/balon1.cgi
KCØD-2 / EOSS-399

(sorted lightest to heaviest)

TOTAL STUDENT WEIGHT 3600g 7.94#

www.wxqa.com/sss/balon1.cgi
AEØSS / EOSS-399

