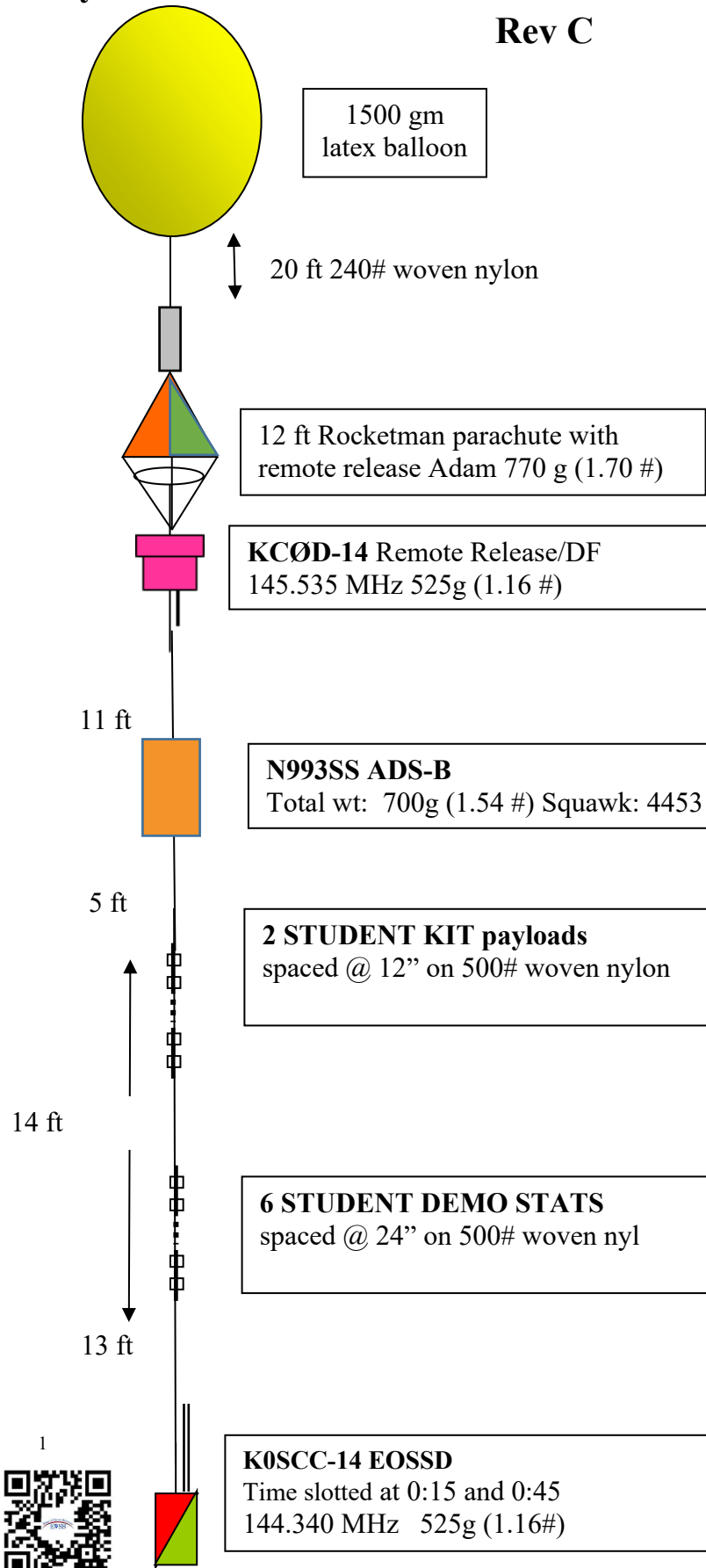


Payload Plan

EOSS-394 Lite Rev C

0750 MDT 04 April 2026
Deer Trail, CO



Item	Weight pounds	Weight kg
Student Experiments	6.31	2.863
EOSS Payloads	3.86	1.750
Parachute	1.75	0.795
Neck load	11.92	5.408
Balloon	3.31	1.500
Gross Weight	15.23	6.908
Gross Lift Factor	1.30	1.30
Neck Lift	16.49	7.479
H2 fill; scf (approx)	268	
Burst Altitude; kft km	94.4	28.8
Manual Release Altitude kft	92.4	

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KCØD-14 / EOSS-394

(sorted lightest to heaviest)

CU BOULDER SPACE	
LEMON	198
CU KIT CURRENT SOL	210
CU SPECTRO STAT	292
CU RADIATION FOODS	505
CU CURRENT SOL V2	515
CU SOLAR	550
CU SPARC	593
TOTAL STUDENT WEIGHT	2863g 6.31#

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