

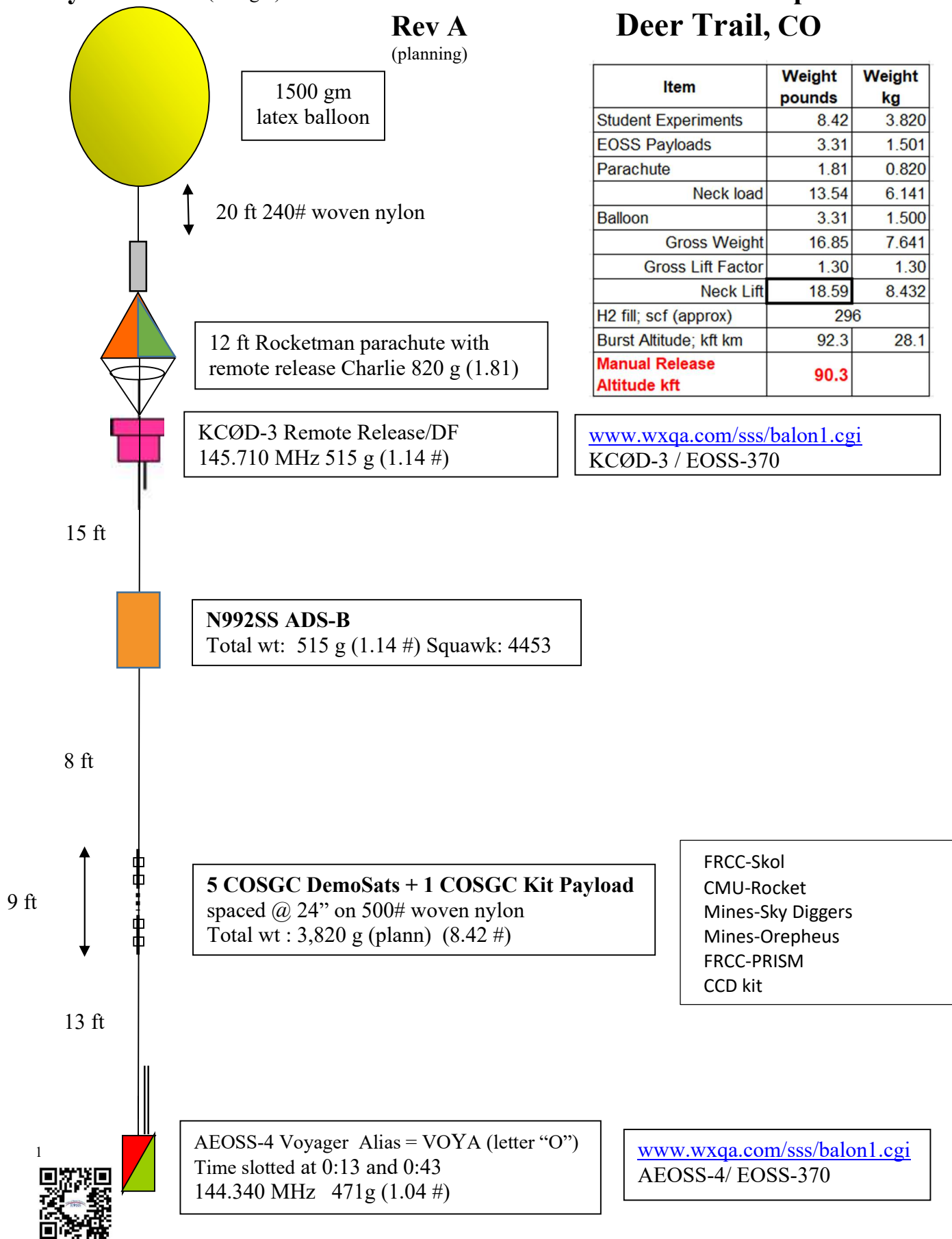
Payload Plan (string 1)

EOSS-370 Lite

0645 MDT 05 Apr 2025

Rev A
(planning)

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
145.710 MHz 515 g (1.14 #)

N992SS ADS-B
Total wt: 515 g (1.14 #) Squawk: 4453

5 COSGC DemoSats + 1 COSGC Kit Payload
spaced @ 24" on 500# woven nylon
Total wt : 3,820 g (plann) (8.42 #)

AEØSS-4 Voyager Alias = VOYA (letter "O")
Time slotted at 0:13 and 0:43
144.340 MHz 471g (1.04 #)

Item	Weight pounds	Weight kg
Student Experiments	8.42	3.820
EOSS Payloads	3.31	1.501
Parachute	1.81	0.820
Neck load	13.54	6.141
Balloon	3.31	1.500
Gross Weight	16.85	7.641
Gross Lift Factor	1.30	1.30
Neck Lift	18.59	8.432
H2 fill; scf (approx)	296	
Burst Altitude; kft km	92.3	28.1
Manual Release Altitude kft	90.3	

www.wxqa.com/sss/balon1.cgi
KCØD-3 / EOSS-370

FRCC-Skol
CMU-Rocket
Mines-Sky Diggers
Mines-Orepheus
FRCC-PRISM
CCD kit

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