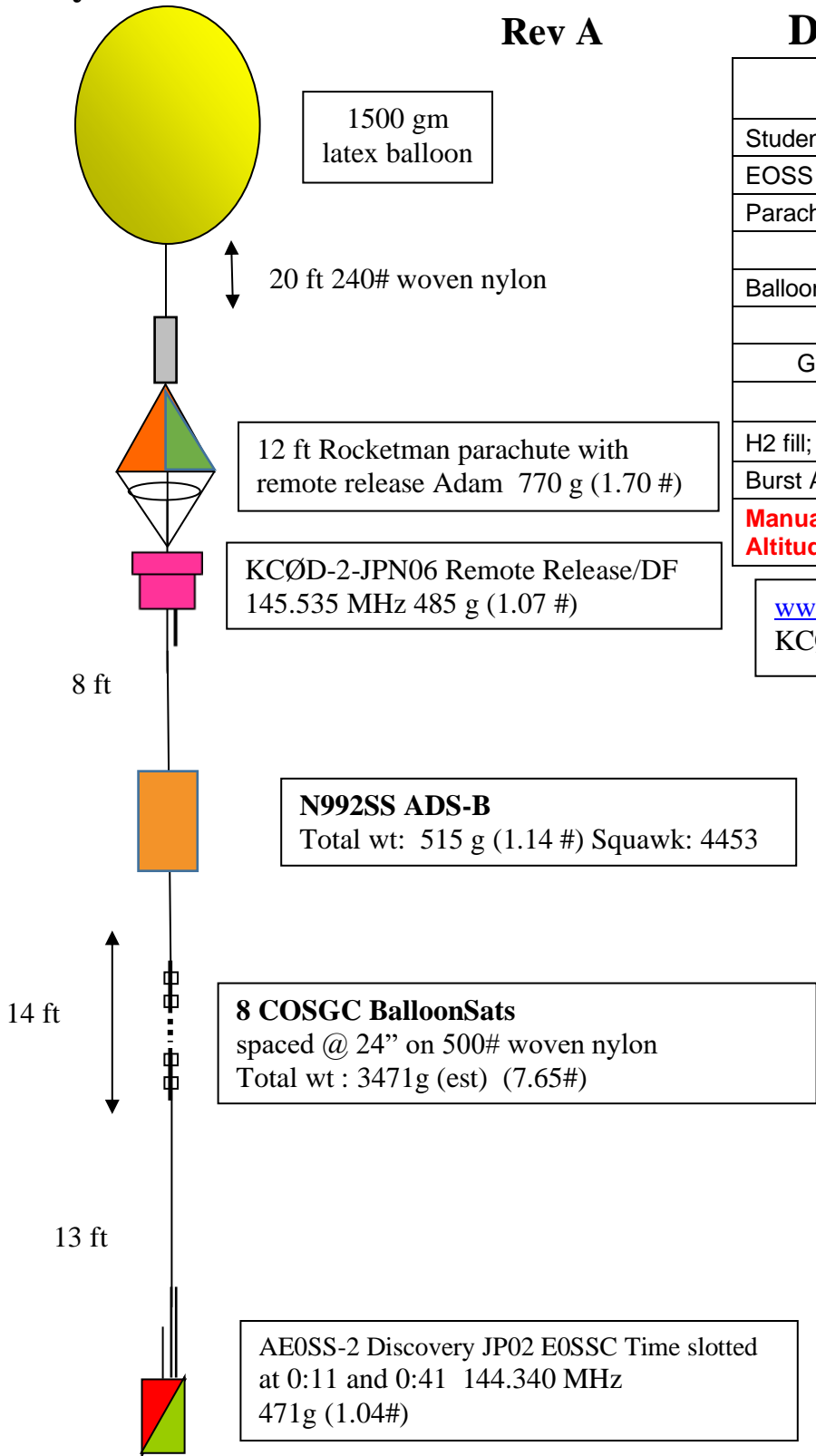


Payload Plan

EOSS-358 Lite Rev A

0715 MDT April 27, 2024
Deer Trail, CO



1500 gm
latex balloon

20 ft 240# woven nylon

12 ft Rocketman parachute with
remote release Adam 770 g (1.70 #)

KCØD-2-JPN06 Remote Release/DF
145.535 MHz 485 g (1.07 #)

8 ft

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

14 ft

8 COSGC BalloonSats
spaced @ 24" on 500# woven nylon
Total wt : 3471g (est) (7.65#)

13 ft

AEØSS-2 Discovery JP02 EØSSC Time slotted
at 0:11 and 0:41 144.340 MHz
471g (1.04#)

Item	Weight pounds	Weight kg
Student Experiments	7.65	3.471
EOSS Payloads	3.19	1.446
Parachute	1.63	0.740
Neck load	12.47	5.657
Balloon	3.31	1.500
Gross Weight	15.78	7.157
Gross Lift Factor	1.30	1.30
Neck Lift	17.21	7.803
H2 fill; scf (approx)	277	
Burst Altitude; kft km	93.7	28.6
Manual Release Altitude kft	91.0	

www.wxqa.com/sss/balon1.cgi
KCØD-2 / EOSS-358

www.wxqa.com/sss/balon1.cgi
AEØSS-2 / EOSS-358

