

Payload Plan

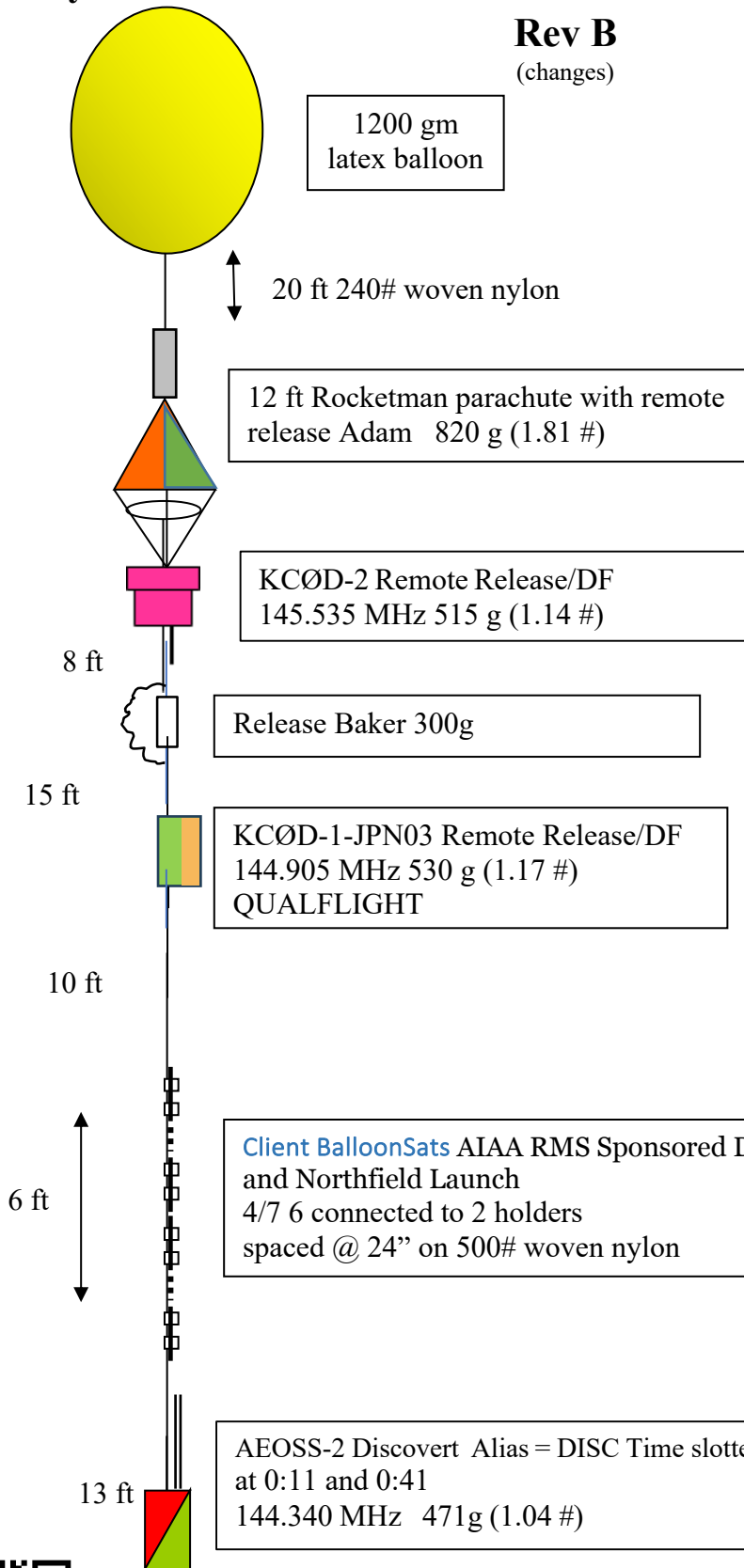
EOSS-361 LITE

0700 MDT, 18 May 2024

Rev B

Deer Trail, CO

(changes)



1200 gm latex balloon

20 ft 240# woven nylon

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

KCØD-2 Remote Release/DF
145.535 MHz 515 g (1.14 #)

Release Baker 300g

KCØD-1-JPN03 Remote Release/DF
144.905 MHz 530 g (1.17 #)
QUALFLIGHT

Client BalloonSats AIAA RMS Sponsored DSST and Northfield Launch
4/7 6 connected to 2 holders spaced @ 24" on 500# woven nylon

AEØSS-2 DiscoverT Alias = DISC Time slotted at 0:11 and 0:41
144.340 MHz 471g (1.04 #)

Item	Weight pounds	Weight kg
Student Experiments	7.53	3.416
EOSS Payloads	3.83	1.736
Parachute	1.70	0.770
Neck load	13.06	5.922
Balloon	3.31	1.500
Gross Weight	16.36	7.422
Gross Lift Factor	1.30	1.30
Neck Lift	17.96	8.147
H2 fill; scf (approx)	287	
Burst Altitude; kft km	92.9	28.3
Manual Release Altitude kft	90.9	

www.wxqa.com/sss/balon1.cgi
KCØD-3 / EOSS-360

www.wxqa.com/sss/balon1.cgi
AEØSS-2 / EOSS-361

