

Payload Plan

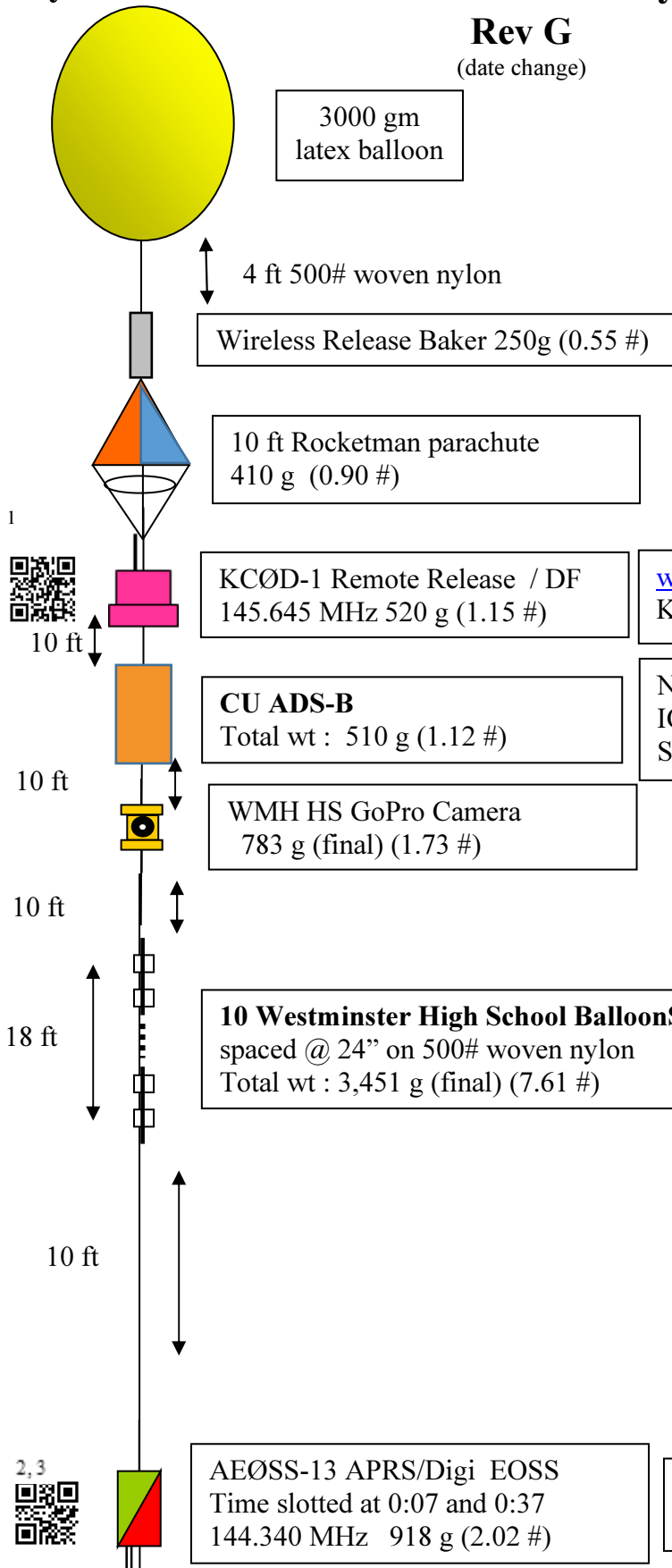
EOSS-333 Heavy

0730 MST, 14 Jan 2023

Rev G

Deer Trail, CO

(date change)



3000 gm latex balloon

4 ft 500# woven nylon
Wireless Release Baker 250g (0.55 #)

10 ft Rocketman parachute 410 g (0.90 #)

KCØD-1 Remote Release / DF 145.645 MHz 520 g (1.15 #)

CU ADS-B
Total wt : 510 g (1.12 #)

WMH HS GoPro Camera 783 g (final) (1.73 #)

10 Westminster High School BalloonSats
spaced @ 24" on 500# woven nylon
Total wt : 3,451 g (final) (7.61 #)

AEØSS-13 APRS/Digi EOSS
Time slotted at 0:07 and 0:37
144.340 MHz 918 g (2.02 #)

Item	Weight pounds	Weight kg
Student Experiments	9.33	4.234
EOSS Payloads	4.85	2.198
Parachute	0.90	0.410
Neck load	15.08	6.842
Balloon	6.61	3.000
Gross Weight	21.70	9.842
Gross Lift Factor	1.20	1.20
Neck Lift	19.42	8.809
H2 fill; scf (approx)	352	
Burst Altitude; kft km	109.0	33.2

www.wxqa.com/sss/balon1.cgi
KCØD-1 / EOSS-334

N-Number: N461SG
ICAO Code: A59EE9
Squawk: 4453

www.wxqa.com/sss/balon1.cgi
AEØSS-13 / EOSS-334

¹ www.aprs.fi/kc0d-1 (that is a zero)
² www.aprs.fi/ae0ss-13 (that is a zero)
³ <https://track.eoss.org>