

Payload Plan

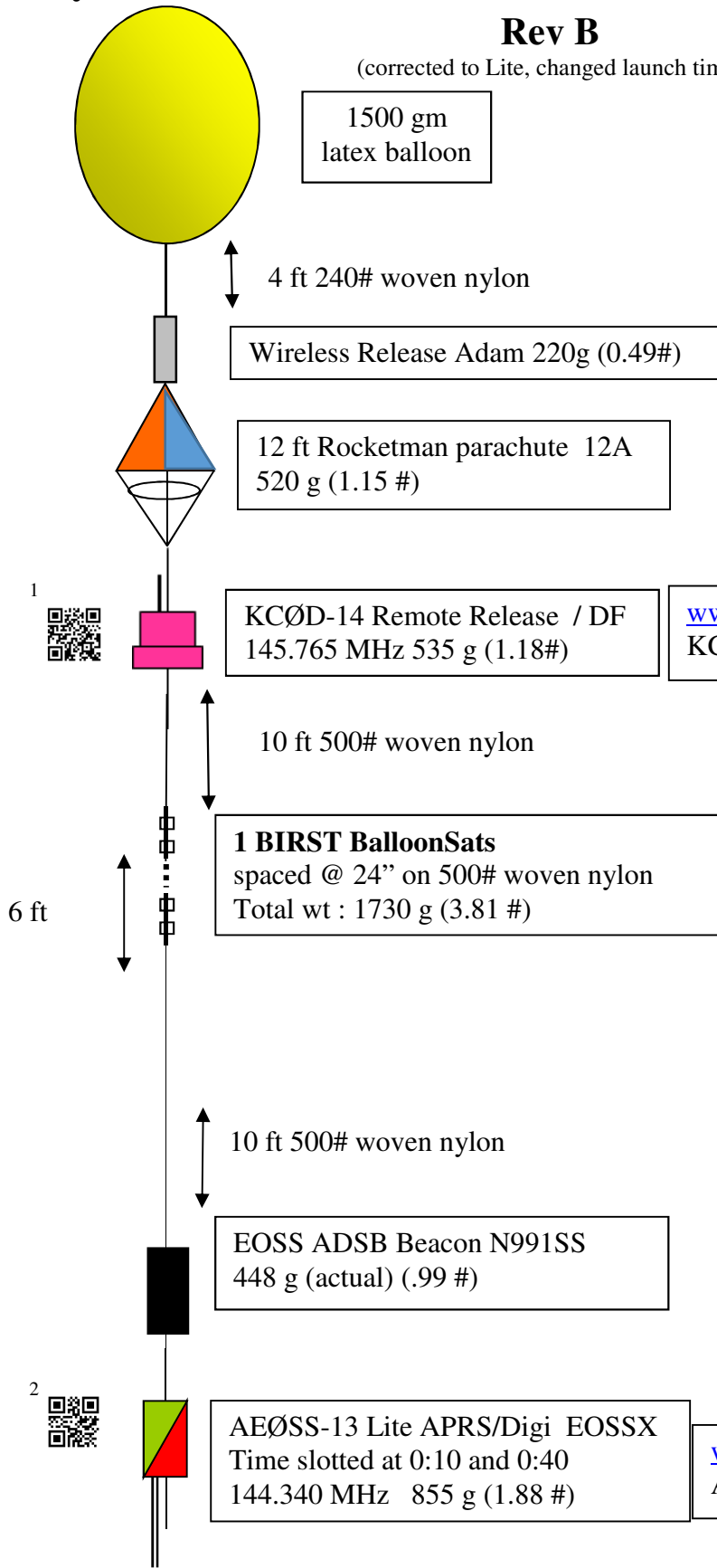
EOSS-314 Lite

0740 MDT, 01 Aug 2021

Rev B

Genoa, CO

(corrected to Lite, changed launch time)



Item	Weight pounds	Weight kg
Student Experiments	4.80	2.178
EOSS Payloads	3.55	1.610
Parachute	1.15	0.520
Neck load	9.50	4.308
Balloon	3.31	1.500
Gross Weight	12.80	5.808
Gross Lift Factor	1.30	1.30
Neck Lift	13.34	6.049
H2 fill; scf (approx)	225	
Burst Altitude; kft km	98.1	29.9

1500 gm latex balloon

4 ft 240# woven nylon

Wireless Release Adam 220g (0.49#)

12 ft Rocketman parachute 12A 520 g (1.15 #)

KCØD-14 Remote Release / DF 145.765 MHz 535 g (1.18#)

www.wxqa.com/sss/balon1.cgi
KCØD-14 / EOSS-314

10 ft 500# woven nylon

1 BIRST BalloonSats spaced @ 24" on 500# woven nylon Total wt : 1730 g (3.81 #)

6 ft

10 ft 500# woven nylon

EOSS ADSB Beacon N991SS 448 g (actual) (.99 #)

AEØSS-13 Lite APRS/Digi EOSSX Time slotted at 0:10 and 0:40 144.340 MHz 855 g (1.88 #)

www.wxqa.com/sss/balon1.cgi
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