

Payload Plan

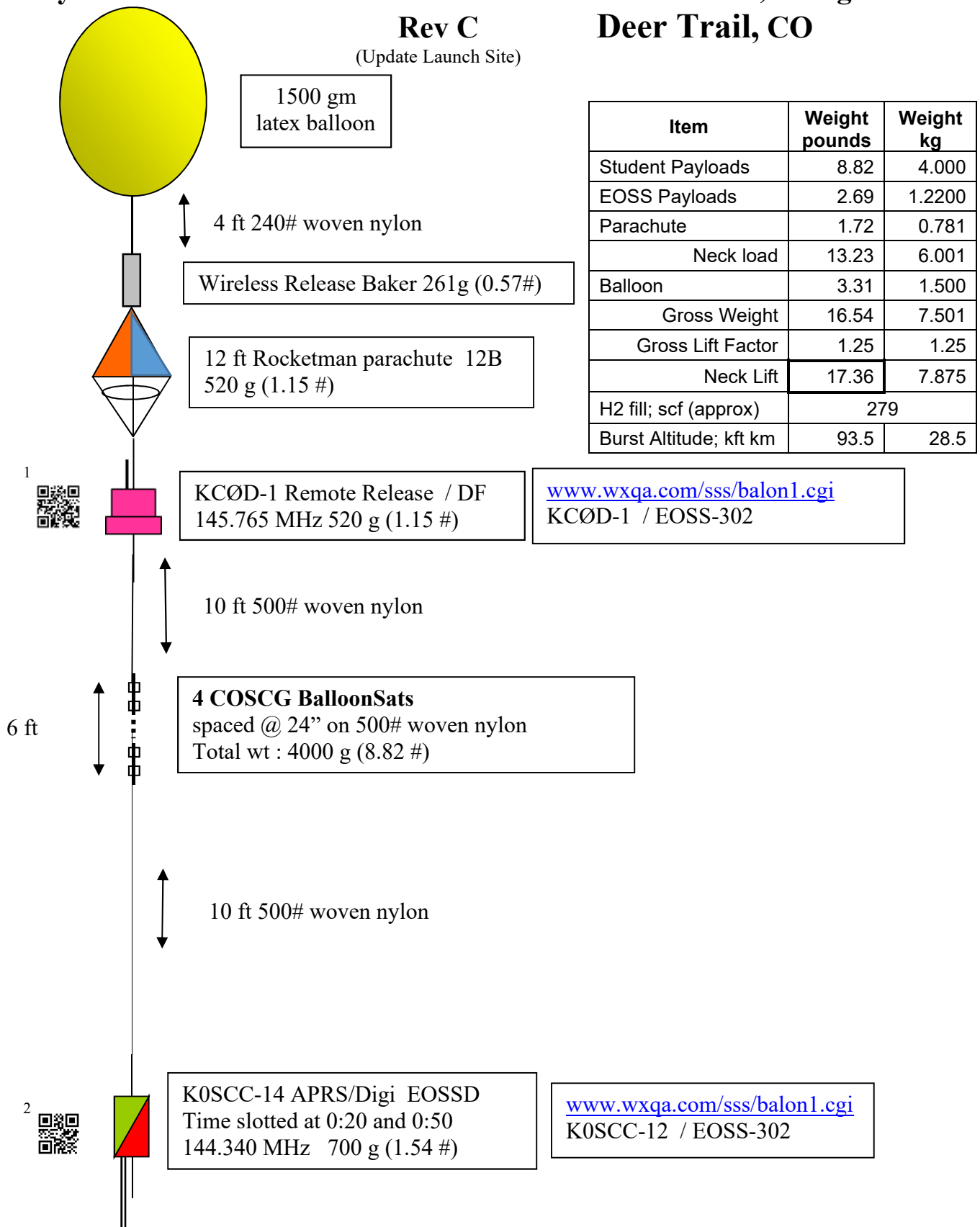
EOSS-302 Lite

Rev C

(Update Launch Site)

0700 MDT, 1 Aug 2020

Deer Trail, CO



1500 gm latex balloon

4 ft 240# woven nylon

Wireless Release Baker 261g (0.57#)

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

KCØD-1 Remote Release / DF 145.765 MHz 520 g (1.15 #)

www.wxqa.com/sss/balon1.cgi
KCØD-1 / EOSS-302

10 ft 500# woven nylon

6 ft
4 COSCG BalloonSats spaced @ 24" on 500# woven nylon Total wt : 4000 g (8.82 #)

10 ft 500# woven nylon

K0SCC-14 APRS/Digi EOSSD Time slotted at 0:20 and 0:50 144.340 MHz 700 g (1.54 #)

www.wxqa.com/sss/balon1.cgi
K0SCC-12 / EOSS-302

Item	Weight pounds	Weight kg
Student Payloads	8.82	4.000
EOSS Payloads	2.69	1.2200
Parachute	1.72	0.781
Neck load	13.23	6.001
Balloon	3.31	1.500
Gross Weight	16.54	7.501
Gross Lift Factor	1.25	1.25
Neck Lift	17.36	7.875
H2 fill; scf (approx)	279	
Burst Altitude; kft km	93.5	28.5

¹ www.aprs.fi/kc0d-1 (that is a zero)

² www.aprs.fi/k0scc-14 (that is a zero)