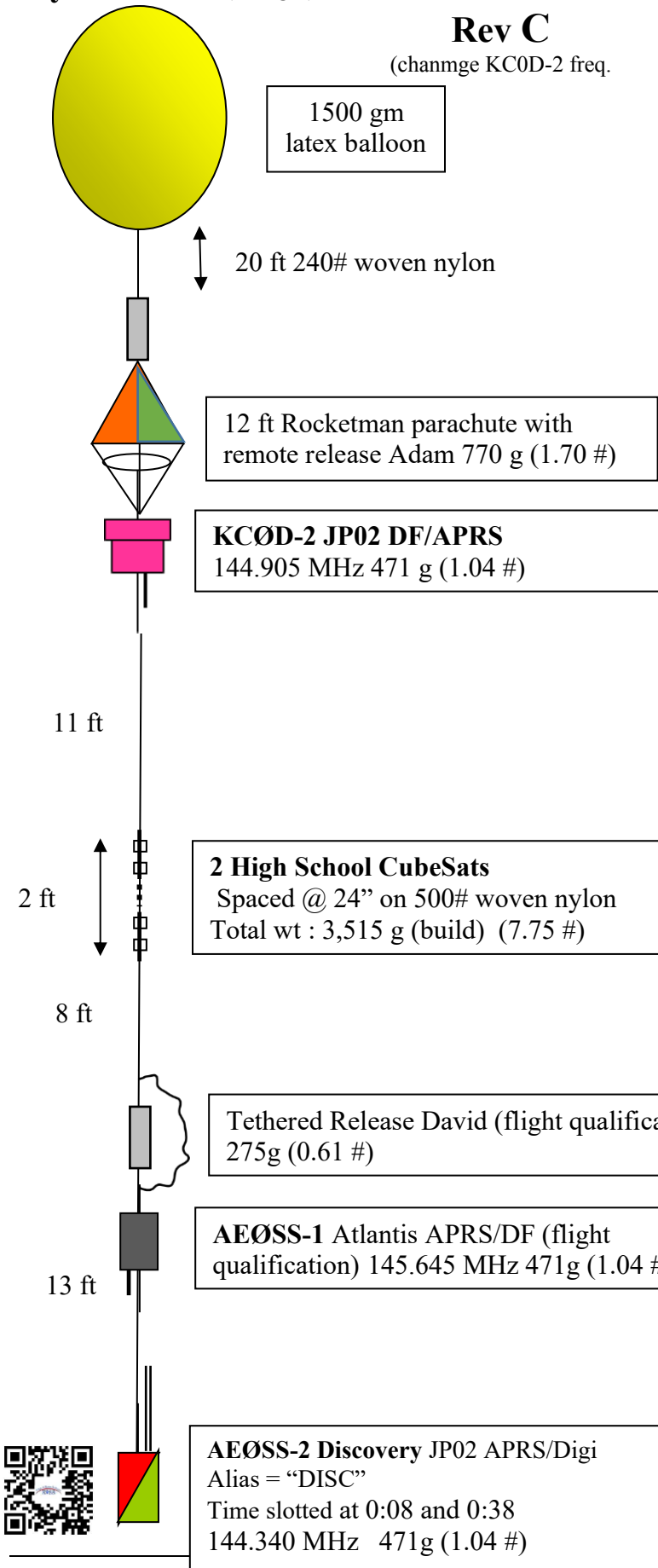


Payload Plan (string 4)

**EOSS-377 Lite
Rev C**

**0705 MDT 10 May 2025
Limon, CO**

(change KCOD-2 freq.)



1500 gm
latex balloon

20 ft 240# woven nylon

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

KCOD-2 JP02 DF/APRS
144.905 MHz 471 g (1.04 #)

11 ft

2 High School CubeSats
Spaced @ 24" on 500# woven nylon
Total wt : 3,515 g (build) (7.75 #)

(sorted light to heavy)
Montview 2
Montview 1

2 ft

8 ft

Tethered Release David (flight qualification)
275g (0.61 #)

AEØSS-1 Atlantis APRS/DF (flight
qualification) 145.645 MHz 471g (1.04 #)

13 ft

AEØSS-2 Discovery JP02 APRS/Digi
Alias = "DISC"
Time slotted at 0:08 and 0:38
144.340 MHz 471g (1.04 #)

www.wxqa.com/sss/balon1.cgi
AEØSS-2/ EOSS-377

Item	Weight pounds	Weight kg
Student Experiments	7.75	3.515
EOSS Payloads	3.75	1.702
Parachute	1.70	0.770
Neck load	13.20	5.987
Balloon	3.31	1.500
Gross Weight	16.51	7.487
Gross Lift Factor	1.30	1.30
Neck Lift	18.15	8.232
H2 fill; scf (approx)	290	
Burst Altitude; kft km	92.7	28.3
Manual Release Altitude kft	90.7	

www.wxqa.com/sss/balon1.cgi
KCØD-2 / EOSS-377



<https://track.eoss.org>