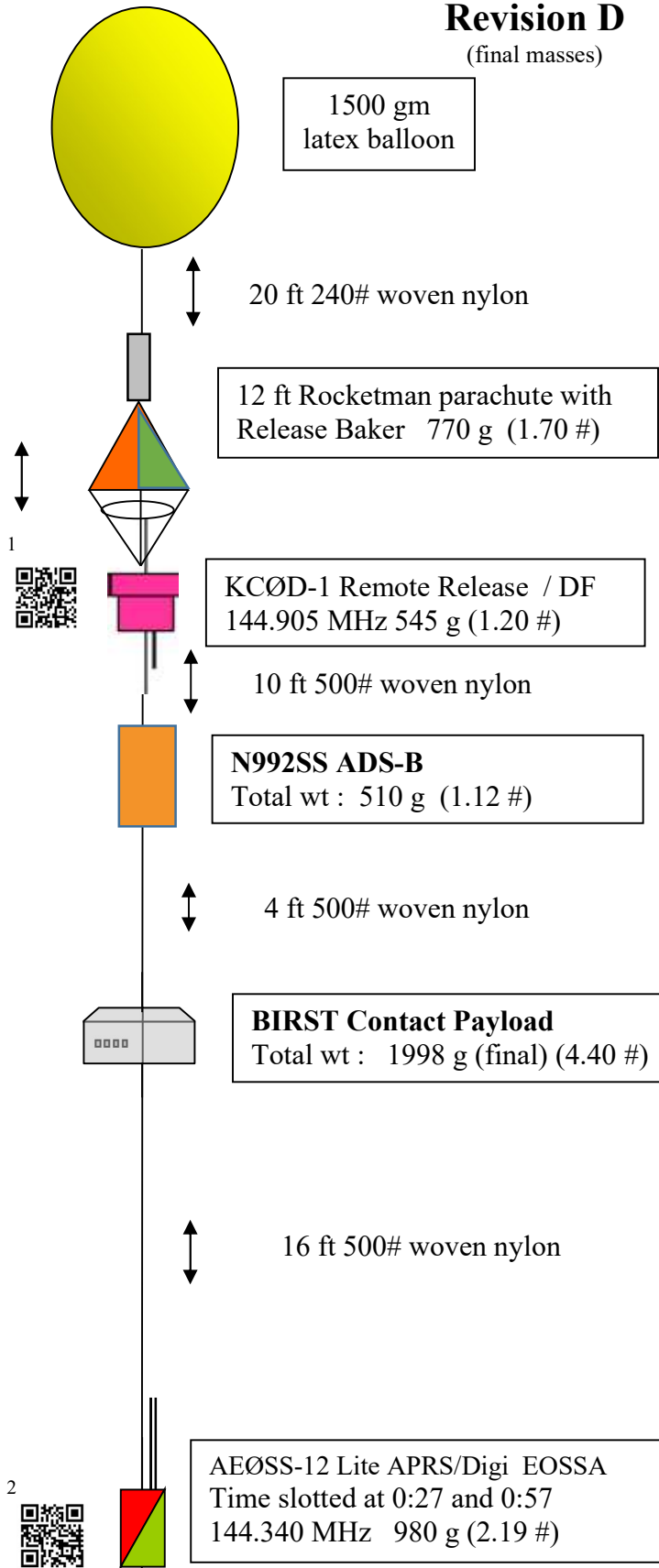


# Payload Plan

## EOSS-345 Lite Revision D (final masses)

0720 MDT, 22 Jul 2023  
Genoa, CO



1500 gm  
latex balloon

20 ft 240# woven nylon

12 ft Rocketman parachute with  
Release Baker 770 g (1.70 #)

KCØD-1 Remote Release / DF  
144.905 MHz 545 g (1.20 #)

10 ft 500# woven nylon

**N992SS ADS-B**  
Total wt : 510 g (1.12 #)

4 ft 500# woven nylon

**BIRST Contact Payload**  
Total wt : 1998 g (final) (4.40 #)

16 ft 500# woven nylon

AEØSS-12 Lite APRS/Digi EOSSA  
Time slotted at 0:27 and 0:57  
144.340 MHz 980 g (2.19 #)

Item	Weight pounds	Weight kg
Student Experiments	4.40	1.998
EOSS Payloads	4.49	2.035
Parachute	1.70	0.770
Neck load	10.59	4.803
Balloon	3.31	1.500
Gross Weight	13.90	6.303
Gross Lift Factor	1.30	1.30
Neck Lift	14.76	6.693
H2 fill; scf (approx)	244	
Burst Altitude; kft km	96.4	29.4

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
KCØD-1 / EOSS-345

N-Number: N992SS  
ICAO Code: ADDBB2  
Squawk: 4453

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
AEØSS-12 / EOSS-345

<sup>1</sup> [www.aprs.fi/kc0d-14](http://www.aprs.fi/kc0d-14) (that is a zero)

<sup>2</sup> <http://www.aprs.fi/ae0ss-13> (that is a zero) or <https://track.eoss.org>