

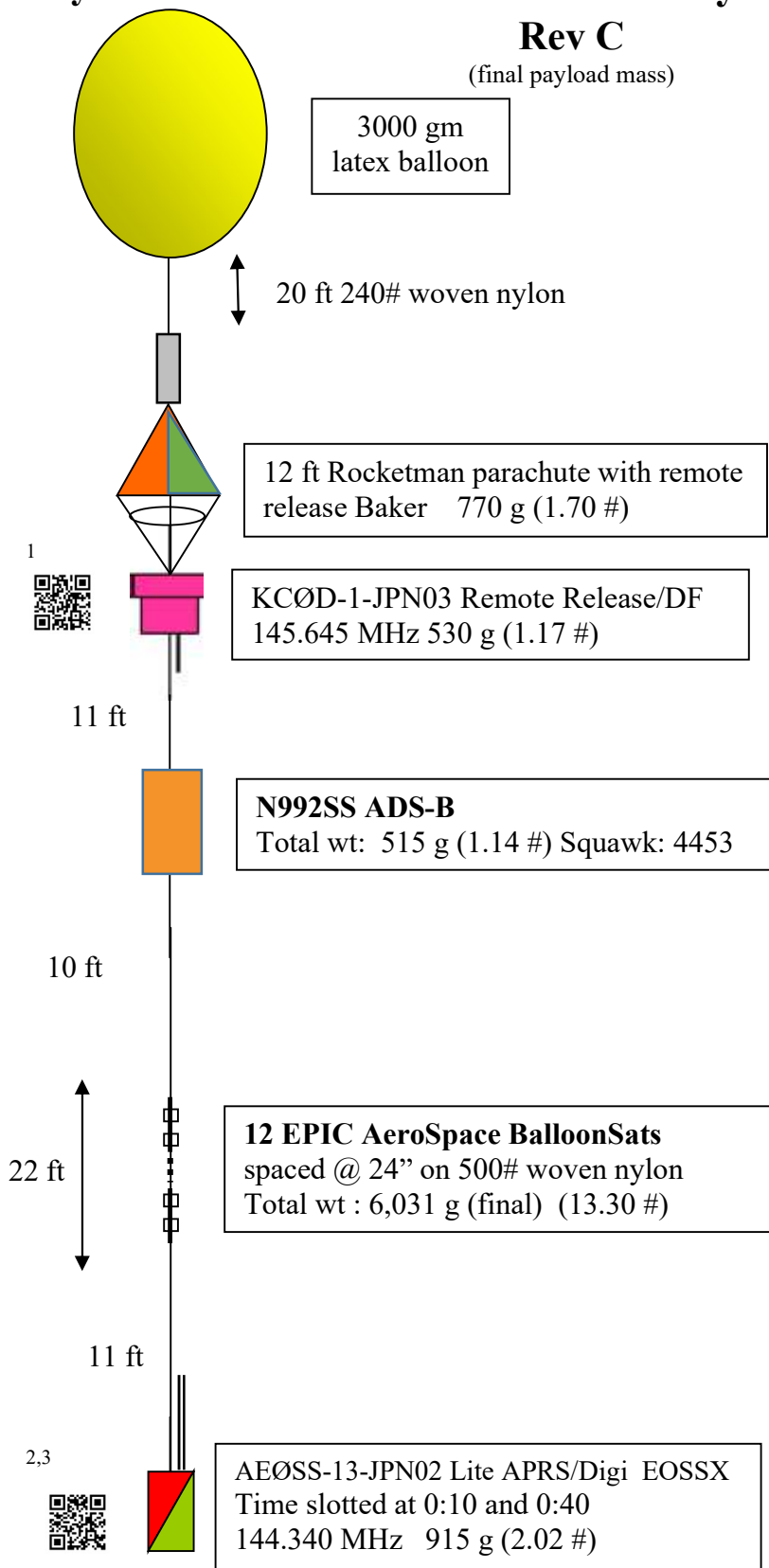
# Payload Plan

**EOSS-349 Heavy 0750 MDT, 04 NOV 2023**

**Rev C**

**Deer Trail, CO**

(final payload mass)



Item	Weight pounds	Weight kg
Student Experiments	13.30	6.031
EOSS Payloads	4.32	1.960
Parachute	1.70	0.770
Neck load	19.31	8.761
Balloon	6.61	3.000
Gross Weight	25.93	11.761
Gross Lift Factor	1.20	1.20
Neck Lift	24.50	11.111
H2 fill; scf (approx)	420	
Burst Altitude; kft km	105.3	32.1
<b>Manual Release Altitude kft</b>	<b>101.0</b>	

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
 KCØD-1 / EOSS-349

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
 AEØSS-13 / EOSS-349

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

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

<sup>3</sup> <https://track.eoss.org>