

# Payload Plan

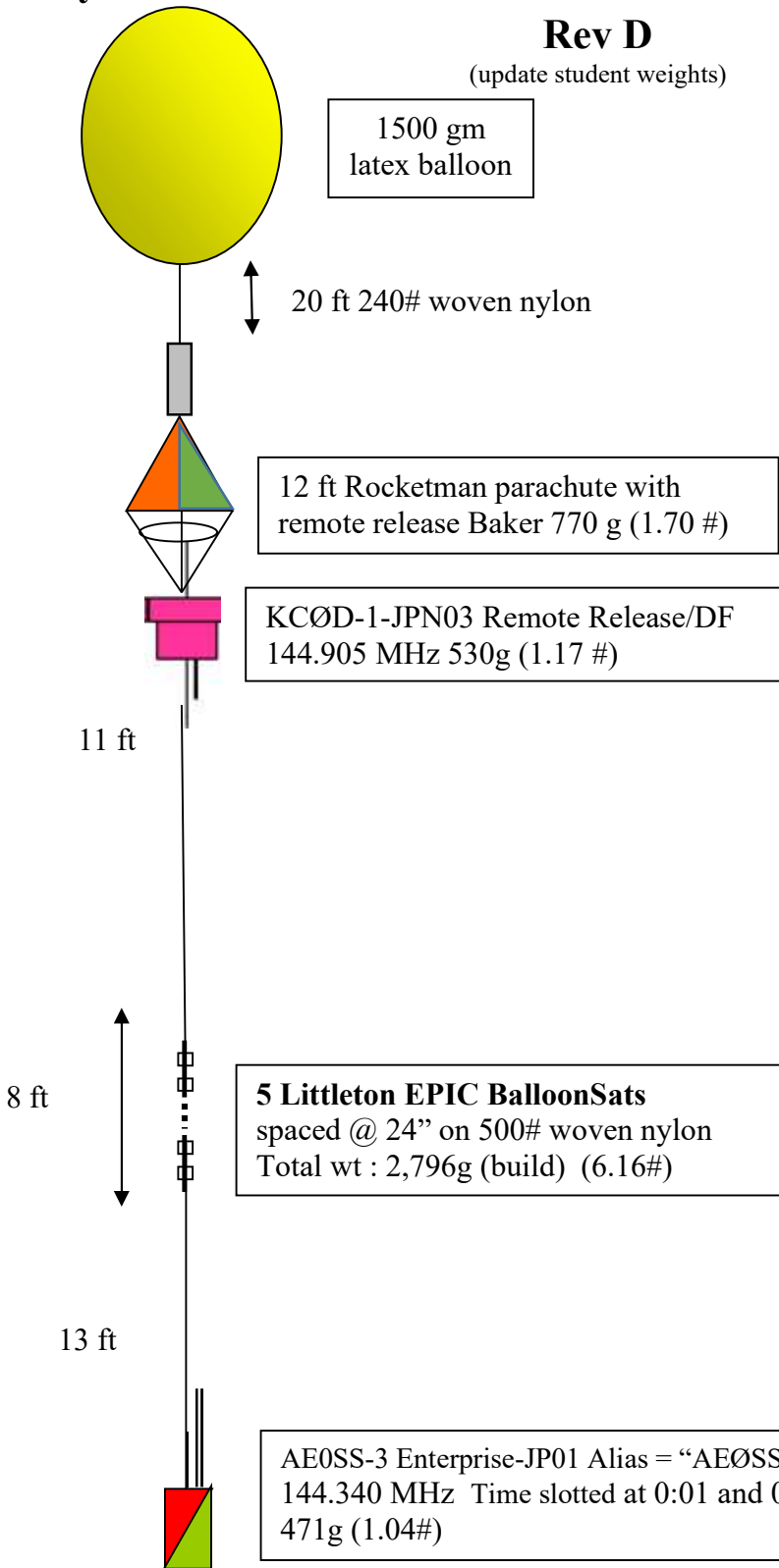
# EOSS-359 Lite

## Rev D

(update student weights)

0720 MDT 04 May 2024

Deer Trail, CO



Item	Weight pounds	Weight kg
Student Experiments	6.16	2.796
EOSS Payloads	2.21	1.001
Parachute	1.70	0.770
Neck load	10.07	4.567
Balloon	3.31	1.500
Gross Weight	13.38	6.067
Gross Lift Factor	1.30	1.30
Neck Lift	14.08	6.386
H2 fill; scf (approx)	235	
Burst Altitude; kft km	97.2	29.6
<b>Manual Release Altitude kft</b>	<b>95.2</b>	

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
 KCØD-1 / EOSS-358

EPIC #4 PIRATE  
 EPIC #2 Cowtron  
 EPIC #1 Grapple Bees  
 EPIC #6 Aeroviva  
 EPIC #3 Stellar

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
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