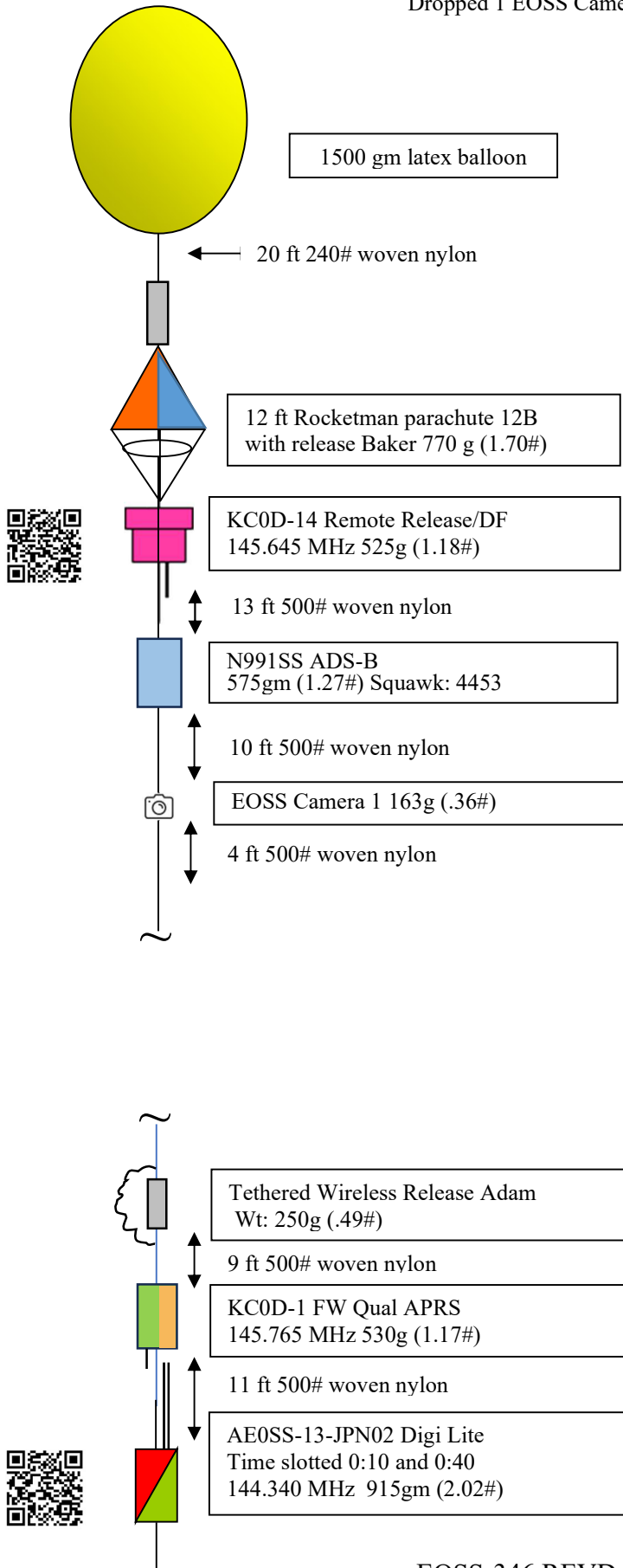


# Payload Plan

# EOSS-346 REV E

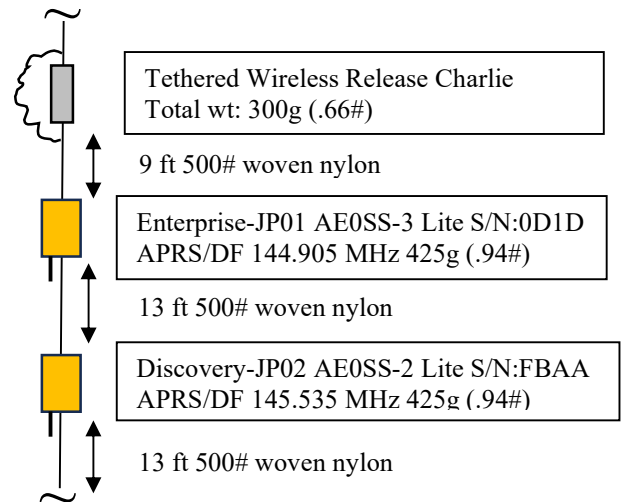
~0900 MST, 09 Sept 2023  
Deer Trail, CO

Dropped 1 EOSS Camera



Item	Weight pounds	Weight kg
Student Experiments	1.02	0.463
EOSS Payloads	8.04	3.645
Parachute	1.70	0.770
Neck load	10.75	4.878
Balloon	3.31	1.500
Gross Weight	14.06	6.378
Gross Lift Factor	1.30	1.30
Neck Lift	14.97	6.790
H2 fill; scf (approx)	247	
Burst Altitude; kft km	96.1	29.3
<b>Manual Release Altitude kft</b>	<b>85.0</b>	

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
KC0D-14 / EOSS-346



**Auto Release Test at 50K Ft**