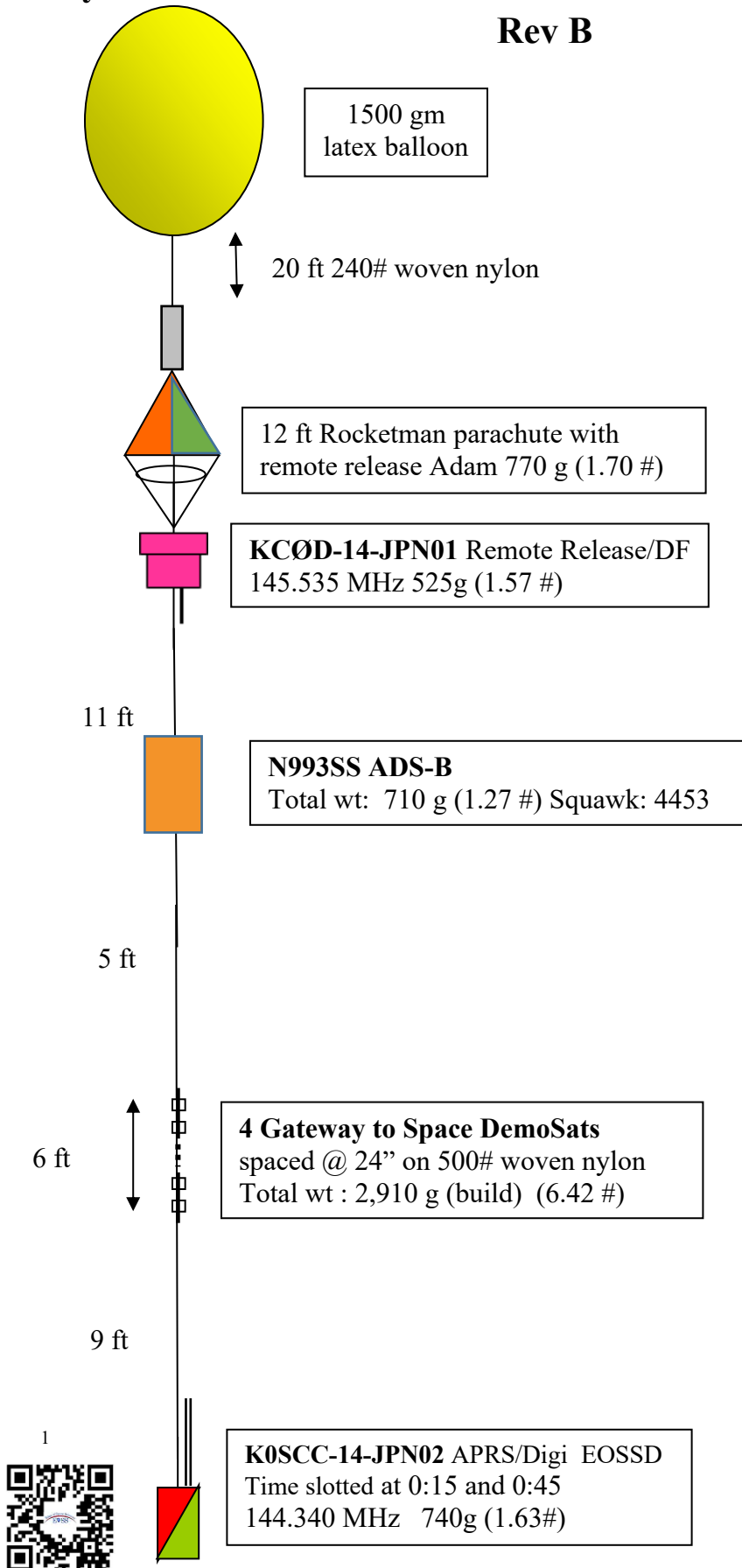


# Payload Plan

## EOSS-396 Lite Rev B

0750 MDT 11 April 2026  
Deer Trail, CO



1500 gm  
latex balloon

20 ft 240# woven nylon

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

**KCØD-14-JPN01** Remote Release/DF  
145.535 MHz 525g (1.57 #)

11 ft  
**N993SS ADS-B**  
Total wt: 710 g (1.27 #) Squawk: 4453

5 ft  
6 ft  
4 Gateway to Space DemoSats  
spaced @ 24" on 500# woven nylon  
Total wt : 2,910 g (build) (6.42 #)

9 ft  
**KØSCC-14-JPN02** APRS/Digi EOSSD  
Time slotted at 0:15 and 0:45  
144.340 MHz 740g (1.63#)

Item	Weight pounds	Weight kg
Student Experiments	6.42	2.910
EOSS Payloads	3.92	1.780
Parachute	1.75	0.795
Neck load	12.09	5.485
Balloon	3.31	1.500
Gross Weight	15.40	6.985
Gross Lift Factor	1.30	1.30
Neck Lift	16.71	7.579
H2 fill; scf (approx)	270	
Burst Altitude; kft km	94.2	28.7
<b>Manual Release Altitude kft</b>	<b>92.2</b>	

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
KCØD-14 / EOSS-396

(sorted light to heavy)  
Gateway Team #9  
Gateway Team #5  
Gateway Team #6  
Gateway Team #7  
Gateway Team #8 (xmtr)

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