

**Payload Plan** (string 1)

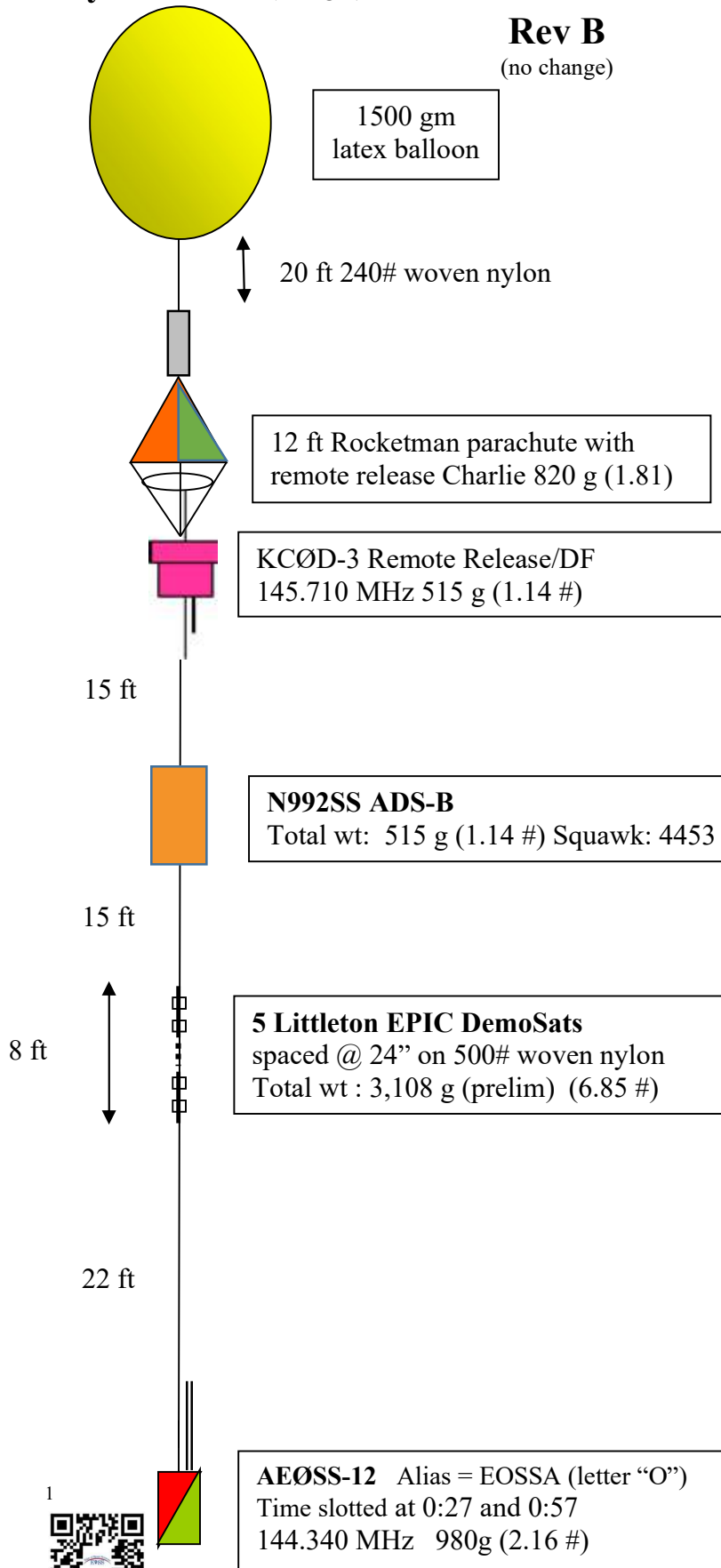
**EOSS-372 Lite**

**0645 MDT 12 Apr 2025**

**Rev B**

**Deer Trail, CO**

(no change)



1500 gm latex balloon

20 ft 240# woven nylon

12 ft Rocketman parachute with remote release Charlie 820 g (1.81)

KCØD-3 Remote Release/DF 145.710 MHz 515 g (1.14 #)

**N992SS ADS-B**  
Total wt: 515 g (1.14 #) Squawk: 4453

**5 Littleton EPIC DemoSats**  
spaced @ 24" on 500# woven nylon  
Total wt : 3,108 g (prelim) (6.85 #)

**AEØSS-12** Alias = EOSSA (letter "O")  
Time slotted at 0:27 and 0:57  
144.340 MHz 980g (2.16 #)

Item	Weight pounds	Weight kg
Student Experiments	6.85	3.108
EOSS Payloads	4.43	2.010
Parachute	1.81	0.820
Neck load	13.09	5.938
Balloon	3.31	1.500
Gross Weight	16.40	7.438
Gross Lift Factor	1.30	1.30
Neck Lift	18.01	8.168
H2 fill; scf (approx)	288	
Burst Altitude; kft km	92.9	28.3
<b>Manual Release Altitude kft</b>	<b>90.9</b>	

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
KCØD-3 / EOSS-372

(sorted lightest to heaviest)  
SUNSHINE  
808 & HARDWORK  
RADIATORS  
BIRDIE BALLOON  
PEANUT

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AEØSS-12/ EOSS-372

