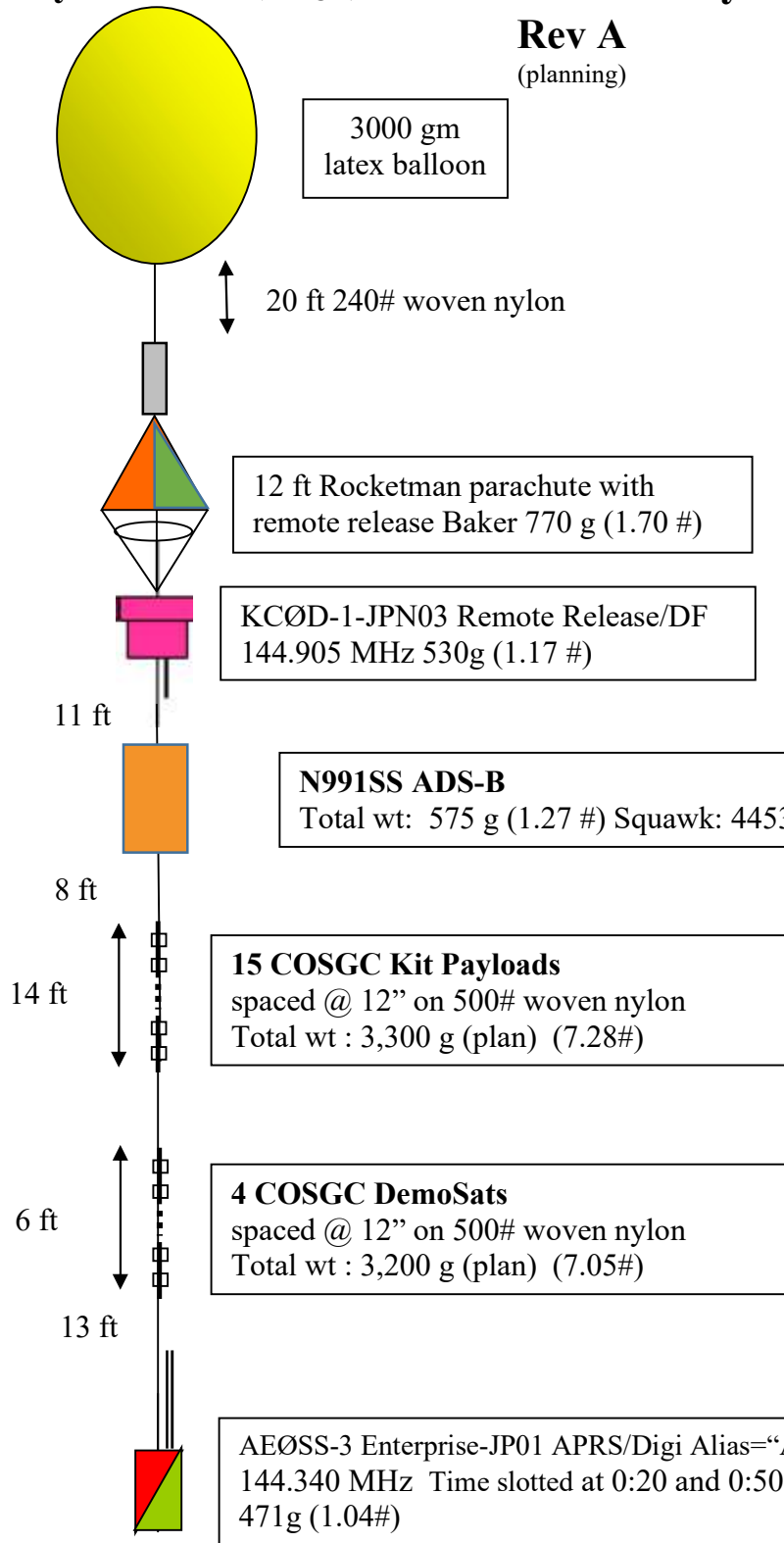


**Payload Plan (string 2) EOSS-371 Heavy**

**0715 MDT 05 Apr 2025**

**Rev A**  
(planning)

**Deer Trail, CO**



Item	Weight pounds	Weight kg
Student Experiments	14.33	6.500
EOSS Payloads	3.47	1.576
Parachute	1.70	0.770
Neck load	19.50	8.846
Balloon	6.61	3.000
Gross Weight	26.12	11.846
Gross Lift Factor	1.20	1.20
Neck Lift	24.73	11.213
H2 fill; scf (approx)	423	
Burst Altitude; kft km	105.1	32.0
<b>Manual Release Altitude kft</b>	<b>103.1</b>	

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
KCØD-1 / EOSS-371

Regis kits (3)  
Space Minor – Prachi kit  
PPSC kits (10)  
CCD kit

CMU-Rocket  
Western Samantha Cluff  
CU Boulder  
UCCS

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
AEØSS-3 / EOSS-371

