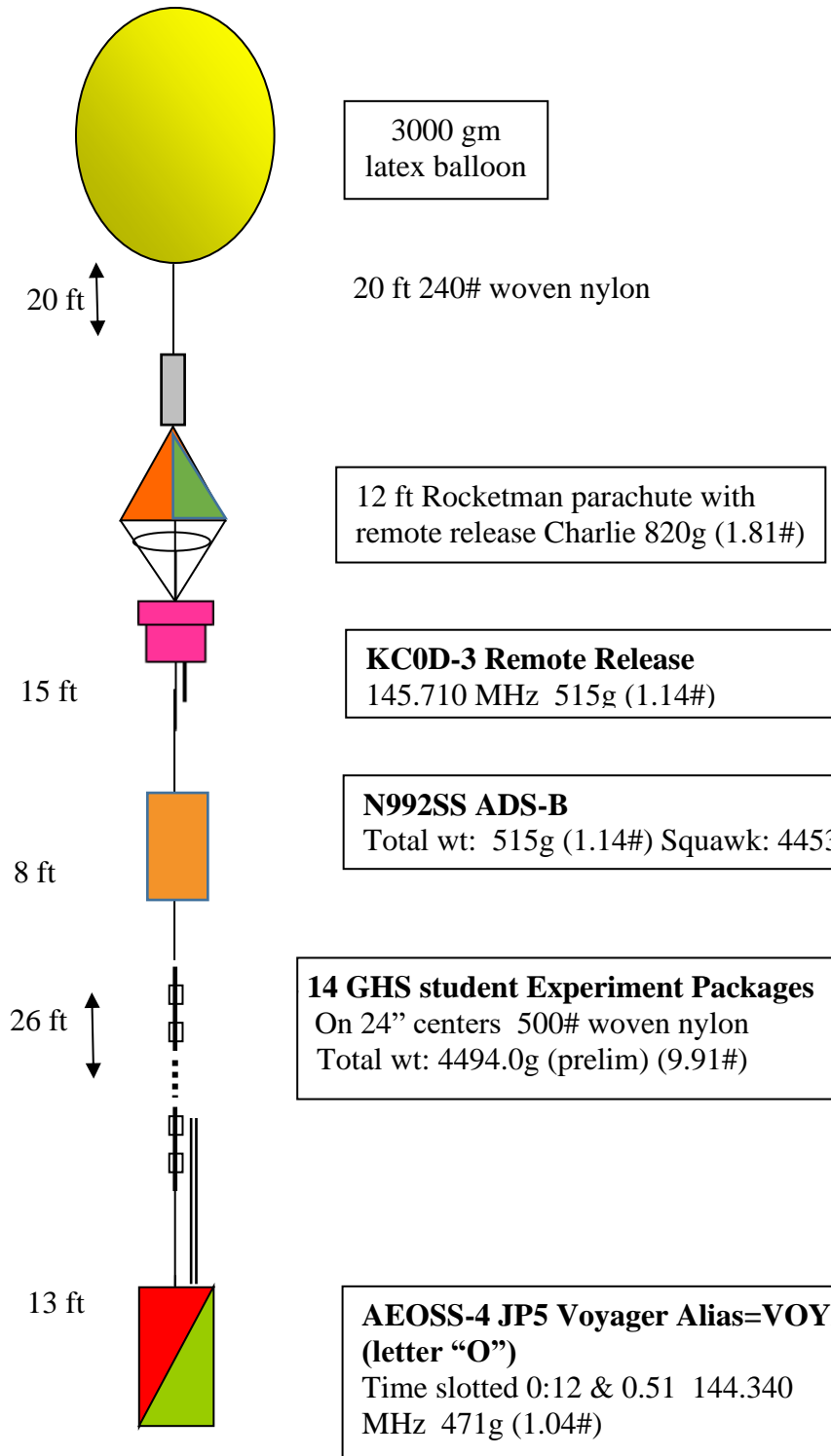


**Payload Plan  
Golden High School**

**EOSS-365 Rev B  
Heavy**

**0705 MDT, 07 Dec 2024  
Deer Trail, CO**



3000 gm  
latex balloon

20 ft 240# woven nylon

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

**KC0D-3 Remote Release**  
145.710 MHz 515g (1.14#)

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

**14 GHS student Experiment Packages**  
On 24" centers 500# woven nylon  
Total wt: 4494.0g (prelim) (9.91#)

**AEOSS-4 JP5 Voyager Alias=VOYA  
(letter "O")**  
Time slotted 0:12 & 0.51 144.340  
MHz 471g (1.04#)

Item	Weight pounds	Weight kg
Student Experiments	9.91	4.494
EOSS Payloads	3.31	1.501
Parachute	1.81	0.820
Neck load	15.02	6.815
Balloon	6.61	3.000
Gross Weight	21.64	9.815
Gross Lift Factor	1.20	1.20
Neck Lift	19.35	8.776
H2 fill; scf (approx)	351	
Burst Altitude; kft km	109.0	33.2
<b>Manual Release Altitude kft</b>	<b>107.0</b>	

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
KC0D-3 / EOSS-365

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
AEOSS-4 / EOSS-365

Realtime flight tracking: <http://track.eoss.org>