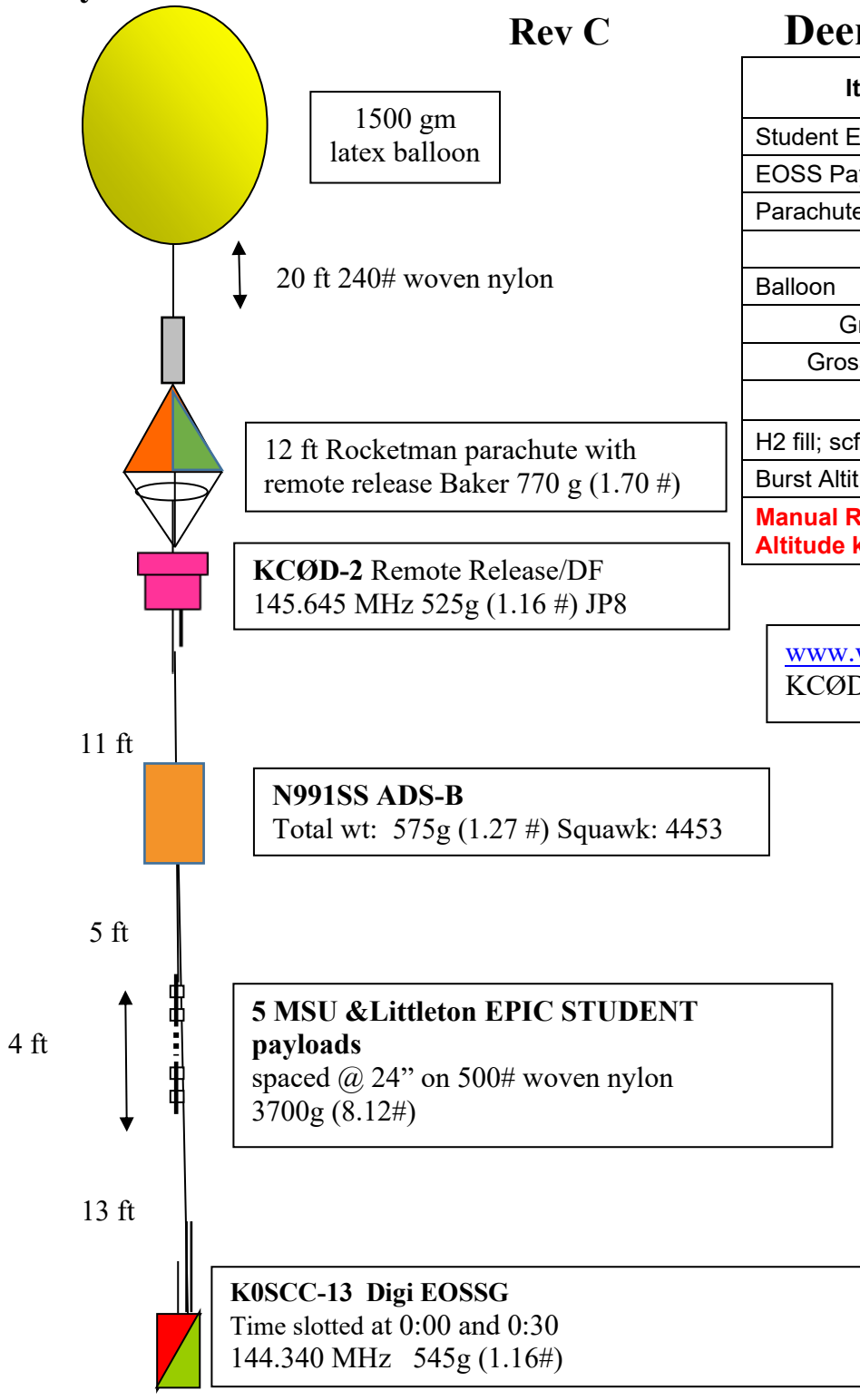


# Payload Plan

## EOSS-398 Lite Rev C

0700 MDT 02 May 2026  
Deer Trail, CO



| Item                               | Weight pounds | Weight kg |
|------------------------------------|---------------|-----------|
| Student Experiments                | 8.16          | 3.700     |
| EOSS Payloads                      | 3.54          | 1.605     |
| Parachute                          | 1.70          | 0.770     |
| Neck load                          | 13.39         | 6.075     |
| Balloon                            | 3.31          | 1.500     |
| Gross Weight                       | 16.70         | 7.575     |
| Gross Lift Factor                  | 1.30          | 1.30      |
| Neck Lift                          | 18.40         | 8.346     |
| H2 fill; scf (approx)              | 293           |           |
| Burst Altitude; kft km             | 92.5          | 28.2      |
| <b>Manual Release Altitude kft</b> | <b>90.5</b>   |           |

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
KCØD-2 / EOSS-398

(sorted lightest to heaviest)

**TOTAL STUDENT WEIGHT 3700g 8.16##**

[www.wxqa.com/sss/balon1.cgi](http://www.wxqa.com/sss/balon1.cgi)  
K0SCC-13 / EOSS-398

