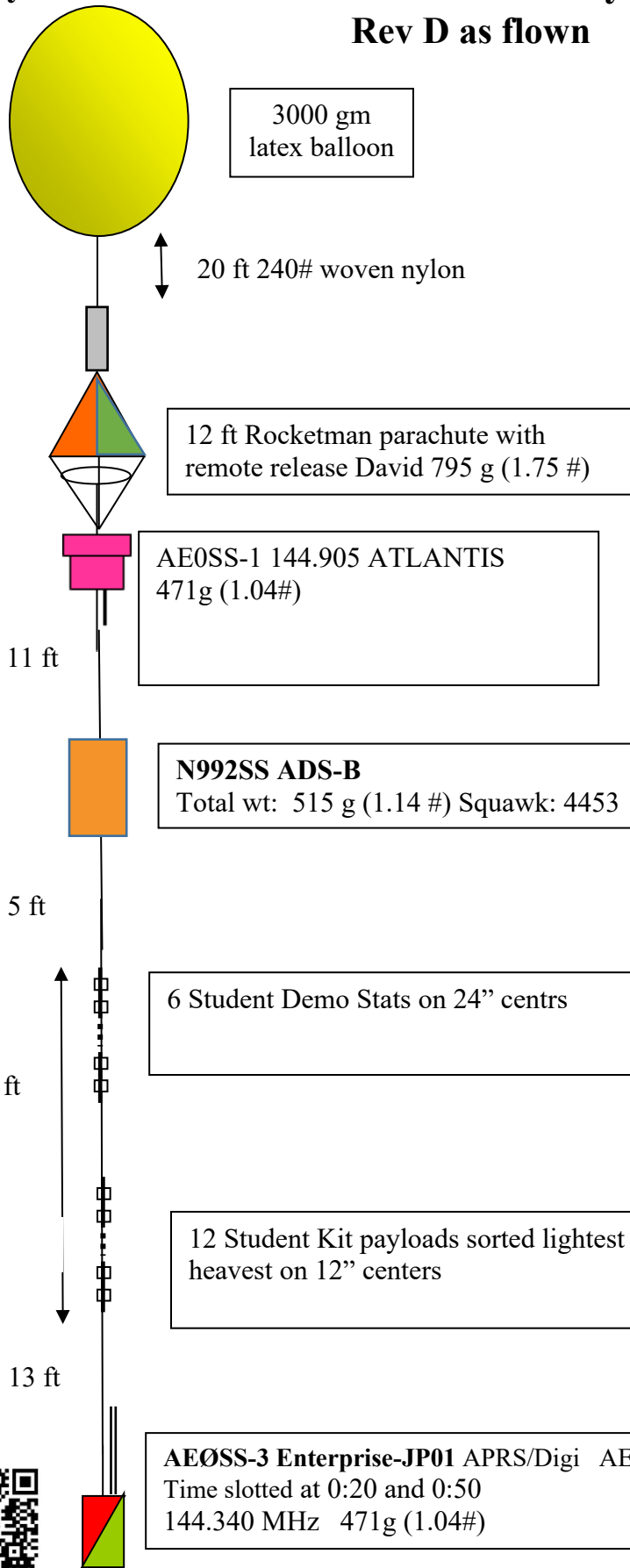


Payload Plan

EOSS-393 Heavy Rev D as flown

0720 MDT 4 April 2026
Deer Trail, CO



| Item | Weight pounds | Weight kg |
|------------------------------------|---------------|-----------|
| Student Experiments | 10.57 | 4.796 |
| EOSS Payloads | 3.21 | 1.457 |
| Parachute | 1.75 | 0.795 |
| Neck load | 15.54 | 7.048 |
| Balloon | 6.61 | 3.000 |
| Gross Weight | 22.15 | 10.048 |
| Gross Lift Factor | 1.20 | 1.20 |
| Neck Lift | 19.97 | 9.056 |
| H2 fill; scf (approx) | 359 | |
| Burst Altitude; kft km | 108.5 | 33.1 |
| Manual Release Altitude kft | 106.5 | |

www.wxqa.com/sss/balon1.cgi
AEØSS-1/ EOSS-393

(sorted lightest to heaviest)

| | |
|-------------------------------------|---------------------|
| PPCS CAB | 184 |
| PPCS BLOSSOM | 185 |
| SPACE ACADEMY | 190 |
| CU SPACE LEMON | 198 |
| PPSC AA | 203 |
| LGMT HS HIGH RSRS | 203 |
| PPSC LAIKA | 209 |
| PPSC TEAM HOT AIR | 210 |
| PPSC STRATONAUT | 210 |
| REGIS SOUNDWAVE | 210 |
| PPSC FROSTY | 213 |
| PPSC EDGAR | 220 |
| REGIS SPACE WORMS | 265 |
| LGMT HS JAKE | 350 |
| ACC SELF ORIENT | 415 |
| FRCC GERALD THE COW | 546 |
| PPSC 2 ND EYE IN THE SKY | 593 |
| CSM MINES SPECTO | 597 |
| STUDENT TOTAL | 4796g 10.57# |
| 5201 | 11.47# |