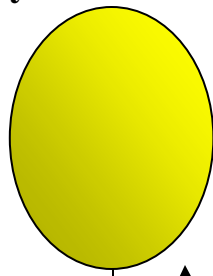


Payload Plan

EOSS-392 Heavy Rev D as flown

0700 MDT 4 April 2026
Deer Trail, CO



3000 gm
latex balloon

20 ft 240# woven nylon



12 ft Rocketman parachute with
remote release Baker 770g (1.71 #)



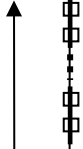
KCØD-2 Remote Release/DF
145.645 MHz 485 g (1.07 #)

11 ft



N991SS ADS-B
Total wt: 575 g (1.27 #) Squawk: 4453

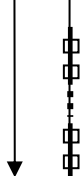
5 ft



6 Student KIT payloads sorted lightest to
heaviest on 12" Centers

a.com/sss/balon1.cgi
EOSS-392

17 ft



7 DEMO STATS sorted lightest to heaviest on
24 " Centers

13 ft



AEØSS-4 Voyager APRS/Digi VOYA
Time slotted at 0:13 and 0:43
144.340 MHz 471g (1.04 #)



<https://track.eoss.org>

Item	Weight pounds	Weight kg
Student Experiments	11.42	5.178
EOSS Payloads	3.38	1.531
Parachute	1.70	0.770
Neck load	16.49	7.479
Balloon	6.61	3.000
Gross Weight	23.10	10.479
Gross Lift Factor	1.20	1.20
Neck Lift	21.11	9.573
H2 fill; scf (approx)	375	
Burst Altitude; kft km	107.7	32.8
Manual Release Altitude kft	105.7	

(sorted lightest to heaviest)

- DU PAYLOAD PIONEERS 186
- DU D&B 186
- DU MANTIS 189
- DU MUSTANGS 195
- DU DRAGONS 199
- CU BDR CURRENT SOL 210
- CU SPECTRO STAT 292
- CU RADIATION FOOD 505
- CU CURRENT SOL V2 515
- CU SOLAR 550
- CU SPARC 593
- FRCC SIRUS 660