

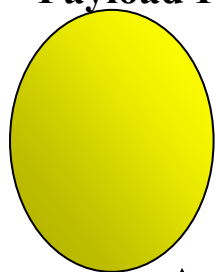
Payload Plan

EOSS-397 Heavy 0730 MDT 19 April 2026

Rev D

Deer Trail, CO

(update date and wts.)



3000g latex balloon

20 ft 240# woven nylon



12 ft Rocketman parachute with remote release David 795 g (1.75 #)



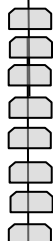
AEØSS-1 Atlantis Remote Release/DF
144.905 MHz 471g (1.04 #)

11 ft



N993SS ADS-B Metro
Total wt: 710 g (1.57 #) Squawk: 4453

5 ft



12 ft

7 Intro2Space Student Experiment Packages
Space @ 24" centers on 500# woven nylon
Total wt (incl Wenet): 5056g (11.15 #)

2 ft.



WeNet SSDTV (wt. incl. above)

9 ft



KØSCC-13 -JP08 APRS/Digi EOSSG
Time slotted at 0:00 and 0:30
144.340 MHz 545g (1.2#)

13 ft



AEØSS-3 Enterprise-JPSM2 APRS/Digi AEØSS
Time slotted at 0:20 and 0:50
144.340 MHz 471g (1.04#)

Item	Weight pounds	Weight kg
Student Experiments	11.15	5.056
EOSS Payloads	4.84	2.197
Parachute	1.81	0.820
Neck load	17.80	8.073
Balloon	6.61	3.000
Gross Weight	24.41	11.073
Gross Lift Factor	1.20	1.20
Neck Lift	22.68	10.286
H2 fill; scf (approx)	396	
Burst Altitude; kft km	106.5	32.5
Manual Release Altitude kft	104.5	

www.wxqa.com/sss/balon1.cgi
AEØSS-1/ EOSS-397

Team Wt. (g.)

Trinkonauts	669
The Kube	655
C	665
Wenet Pix	485
Saturn Jr.	637
Balloon	661
Ozone Rngrs	642
Hail Mary	642

Total wt. (g.) = 5056

www.wxqa.com/sss/balon1.cgi
AEØSS-3 / EOSS-397



<https://track.eoss.org/>