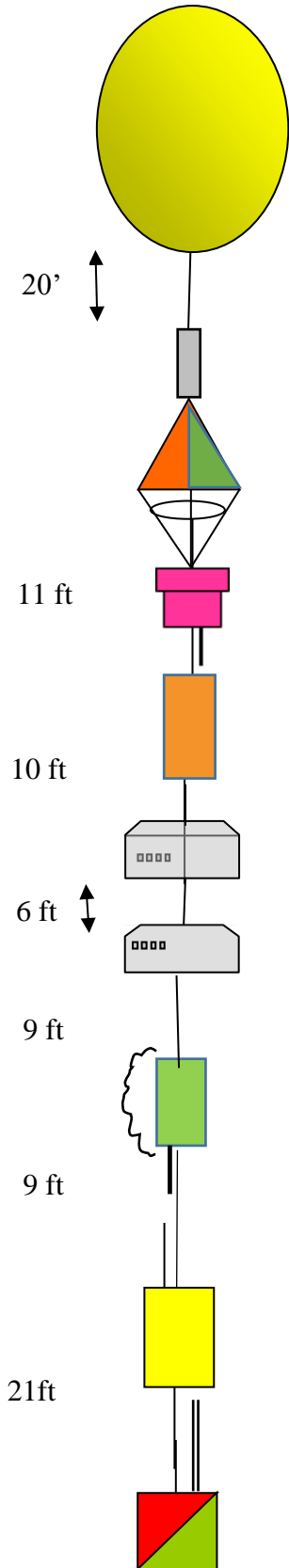


EOSS-362 Lite Rev D

Payload Plan

0715 MDT, 20 OCT 2024
Deer Trail, CO

(Revised Launch date)



2000 gm
latex balloon

20 ft 240# woven nylon

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

KCØD-3/JP04
145.645 MHz APRS/DF 515g (1.14#)

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

2 NDIA Student Experiment Packages
On 48" centers 500# woven nylon
Total wt: 2.63kg (prelim) (5.81#)

Tethered Wireless Release David
Total wt: 275g (0.61#)

Atlantis-JP02 AEØSS-1, Lite APRS/DF Qual
144.905 MHz 471g (1.04#)

KCØD-2/JPN06 APRS/Digi EOSS
Time slotted at 0:15 and 0:45
144.340 MHz 485g (1.07#)

Item	Weight pounds	Weight kg
Student Experiments	5.81	2.637
EOSS Payloads	5.12	2.321
Parachute	1.81	0.820
Neck load	12.74	5.778
Balloon	4.41	2.000
Gross Weight	17.15	7.778
Gross Lift Factor	1.25	1.25
Neck Lift	17.02	7.721
H2 fill; scf (approx)	290	
Burst Altitude; kft km	99.8	30.4
Manual Release Altitude kft	97.8	

www.wxqa.com/sss/balon1.cgi
KCØD-3 / EOSS-362

www.wxqa.com/sss/balon1.cgi
KCØD-2 / EOSS-362

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