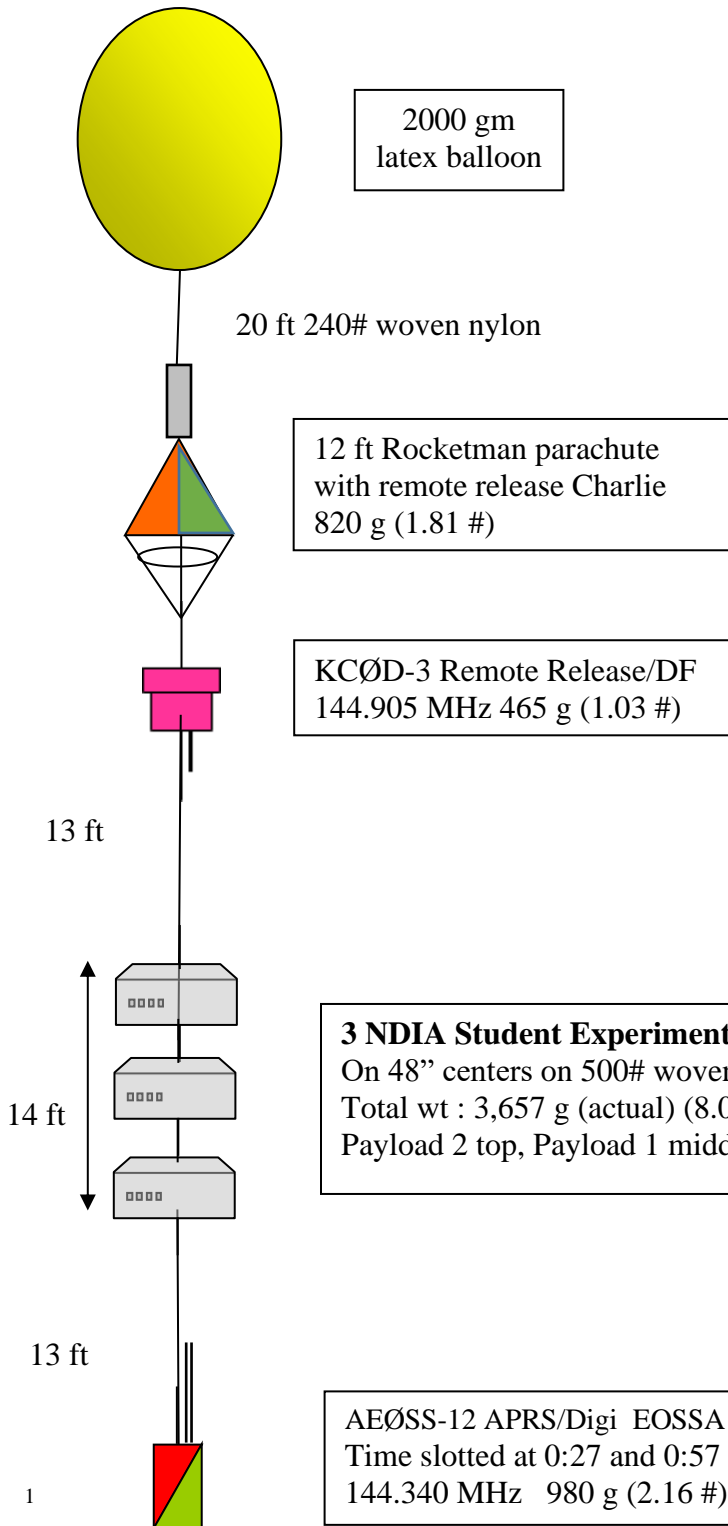


Payload Plan

EOSS-354 Lite Revision C

(Flight moved to Sunday, 17 March)

0800 MDT, 17 MAR 2024
Deer Trail, CO



2000 gm
latex balloon

20 ft 240# woven nylon

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

KCØD-3 Remote Release/DF
144.905 MHz 465 g (1.03 #)

3 NDIA Student Experiment Packages
On 48" centers on 500# woven nylon
Total wt : 3,657 g (actual) (8.06 #)
Payload 2 top, Payload 1 middle, Payload 3 bottom

AEØSS-12 APRS/Digi EOSSA
Time slotted at 0:27 and 0:57
144.340 MHz 980 g (2.16 #)

Item	Weight pounds	Weight kg
Student Experiments	8.06	3.657
EOSS Payloads	3.19	1.445
Parachute	1.81	0.820
Neck load	13.06	5.922
Balloon	4.41	2.000
Gross Weight	17.47	7.922
Gross Lift Factor	1.25	1.25
Neck Lift	17.42	7.901
H2 fill; scf (approx)	295	
Burst Altitude; kft km	99.4	30.3
Manual Release Altitude kft	97.4	

www.wxqa.com/sss/balon1.cgi
KCØD-3 / EOSS-354

www.wxqa.com/sss/balon1.cgi
AEØSS-12 / EOSS-354

¹ <https://track.eoss.org>