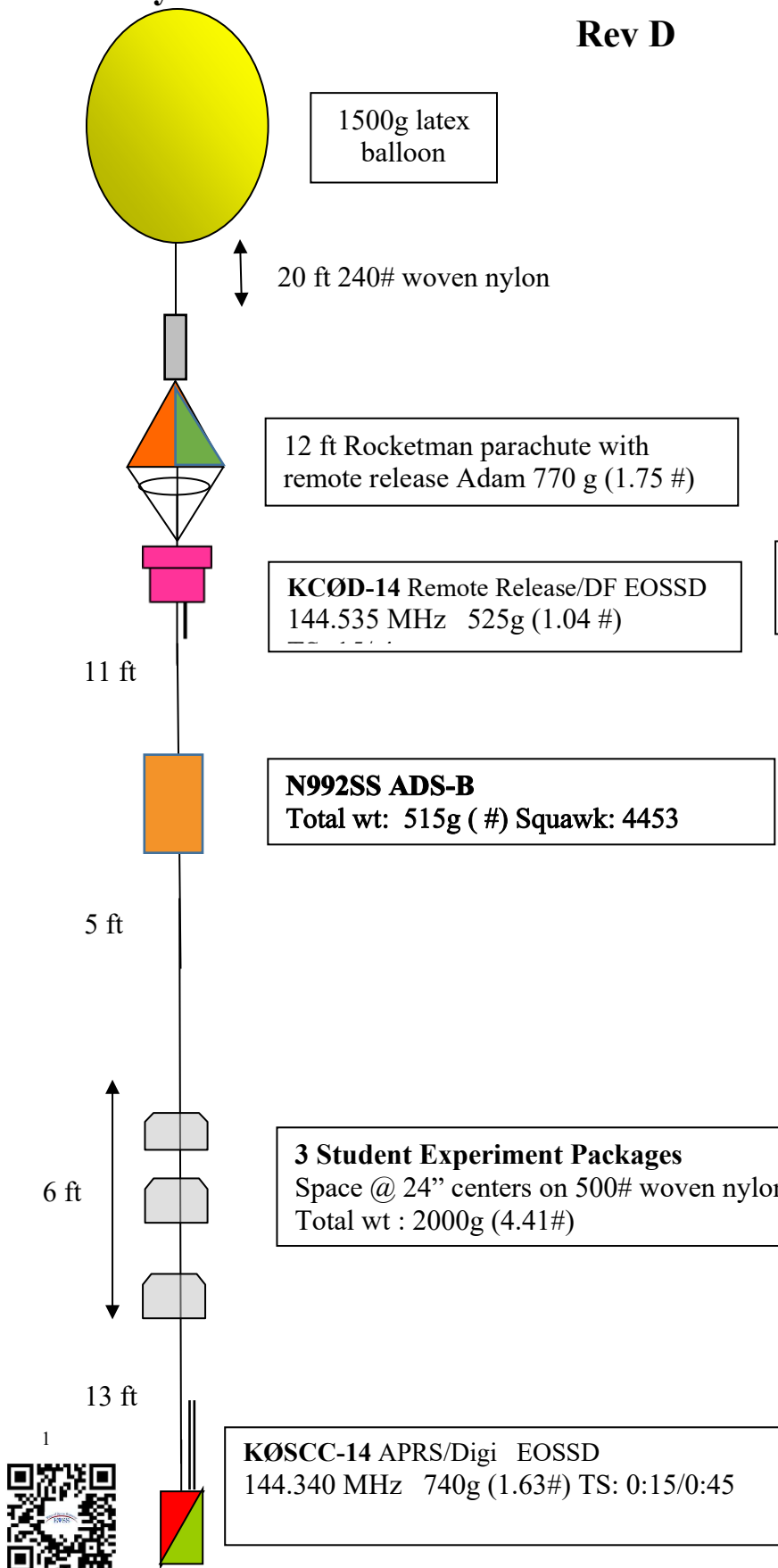


Payload Plan

**EOSS-403 Lite
Rev D**

**0745 MDT 9 May 2026
Deer Trail, CO**



1500g latex balloon

20 ft 240# woven nylon

12 ft Rocketman parachute with remote release Adam 770 g (1.75 #)

KCØD-14 Remote Release/DF EOSSD
144.535 MHz 525g (1.04 #)

N992SS ADS-B
Total wt: 515g (#) Squawk: 4453

3 Student Experiment Packages
Space @ 24" centers on 500# woven nylon
Total wt : 2000g (4.41#)

KØSCC-14 APRS/Digi EOSSD
144.340 MHz 740g (1.63#) TS: 0:15/0:45

Item	Weight pounds	Weight kg
Student Experiments	4.41	2.000
EOSS Payloads	4.12	1.870
Parachute	2.78	1.260
Neck load	11.31	5.130
Balloon	3.31	1.500
Gross Weight	14.62	6.630
Gross Lift Factor	1.30	1.30
Neck Lift	15.69	7.118
H2 fill; scf (approx)	257	
Burst Altitude; kft km	95.3	29.0
Manual Release Altitude kft	93.3	

www.wxqa.com/sss/balon1.cgi
AEØSS-1/ EOSS-403

Team	Wt.(g)
Elevate	500
Conservatory Grn	1500

www.wxqa.com/sss/balon1.cgi
KØSCC-14 EOSS-403