

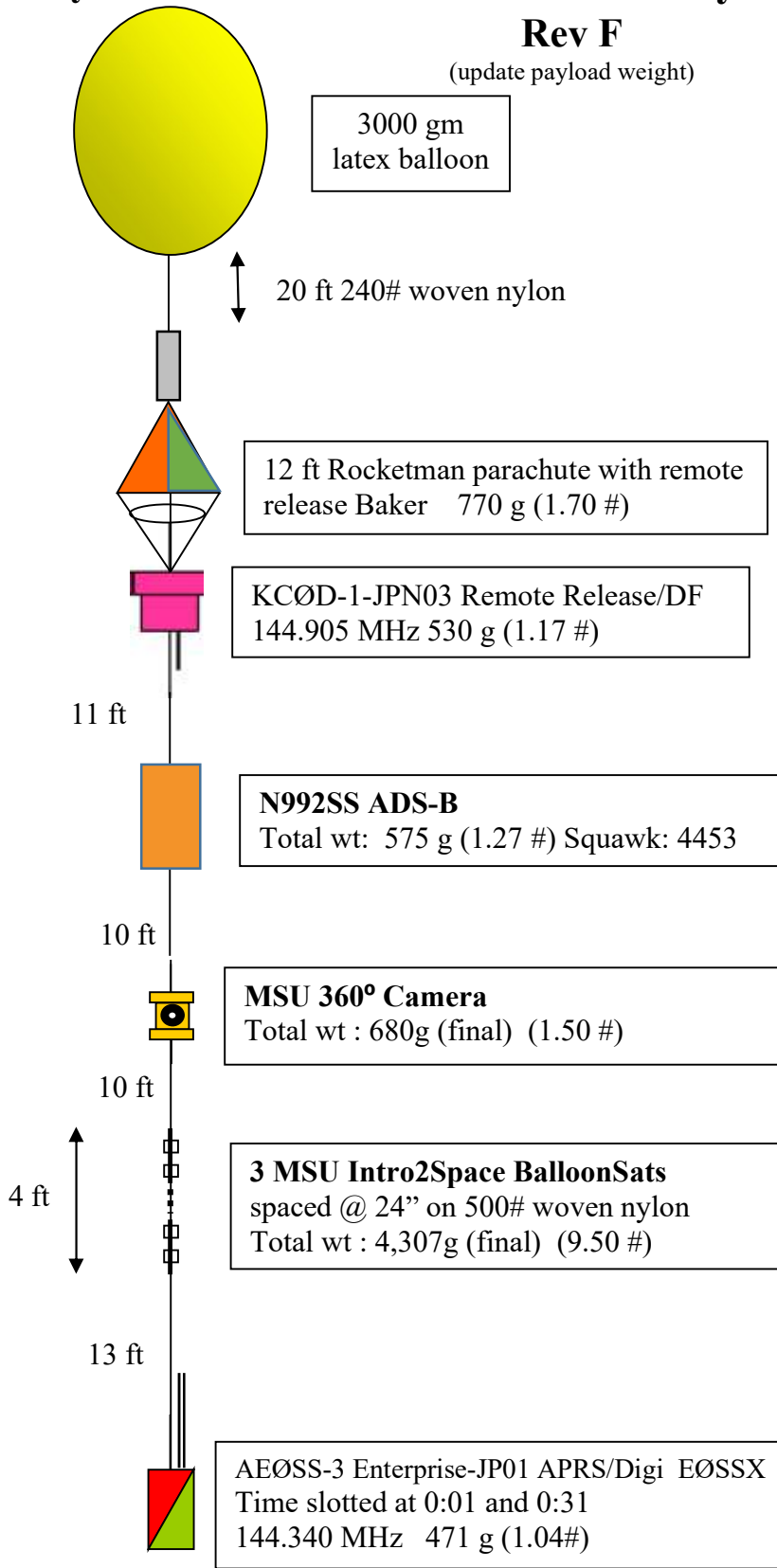
Payload Plan

EOSS-355 Heavy 0700 MDT, 20 APR 2024

Rev F

Deer Trail, CO

(update payload weight)



Item	Weight pounds	Weight kg
Student Experiments	9.01	4.087
EOSS Payloads	3.47	1.576
Parachute	1.70	0.770
Neck load	14.18	6.433
Balloon	6.61	3.000
Gross Weight	20.80	9.433
Gross Lift Factor	1.20	1.20
Neck Lift	18.34	8.318
H2 fill; scf (approx)	337	
Burst Altitude; kft km	109.8	33.5
Manual Release Altitude kft	107.8	

www.wxqa.com/sss/balon1.cgi
 KCØD-1 / EOSS-355

N992SS ADS-B
 Total wt: 575 g (1.27 #) Squawk: 4453

MSU 360° Camera
 Total wt : 680g (final) (1.50 #)

3 MSU Intro2Space BalloonSats
 spaced @ 24" on 500# woven nylon
 Total wt : 4,307g (final) (9.50 #)

AEØSS-3 Enterprise-JP01 APRS/Digi EØSSX
 Time slotted at 0:01 and 0:31
 144.340 MHz 471 g (1.04#)

www.wxqa.com/sss/balon1.cgi
 AEØSS-3 / EOSS-355

