

Payload Plan (string 2)

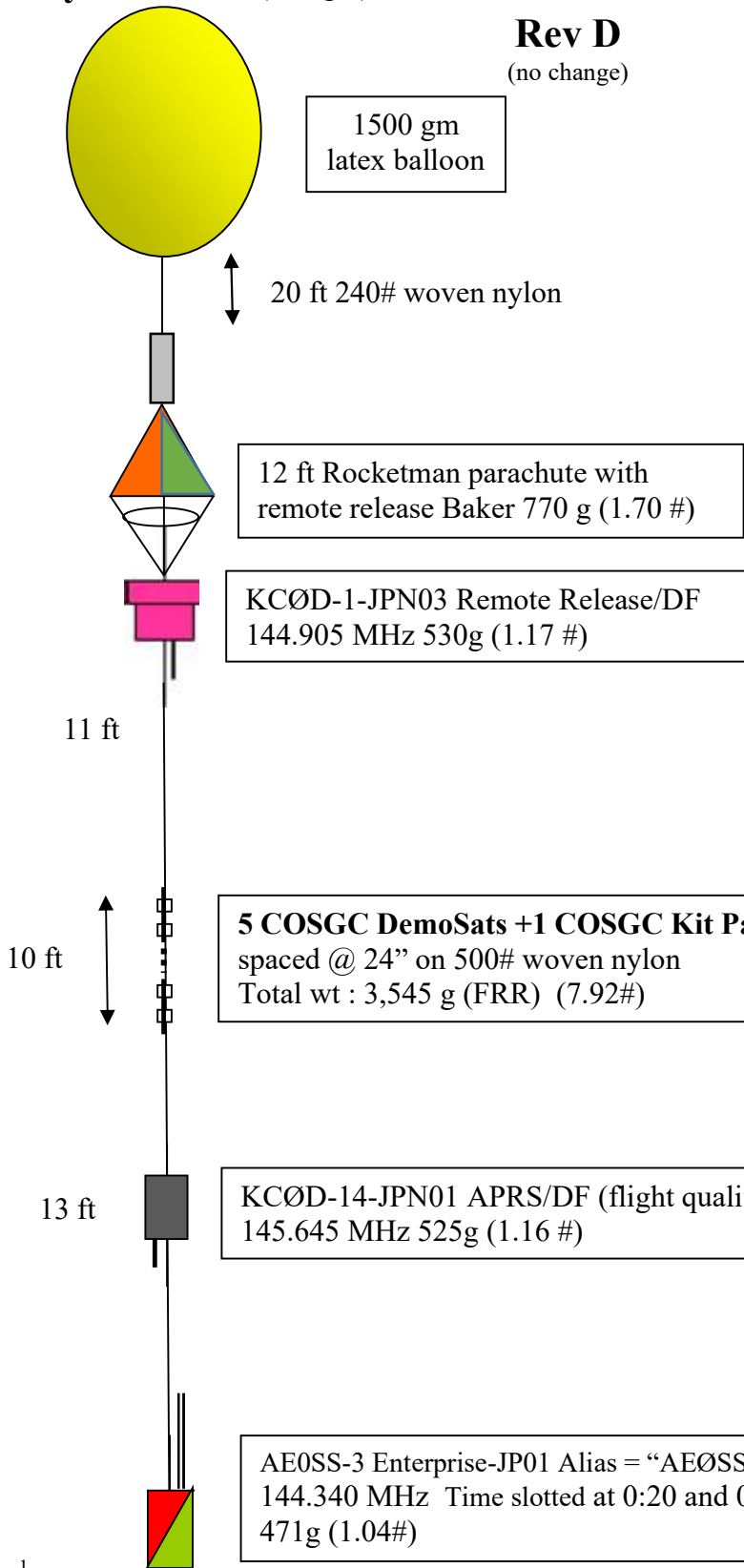
EOSS-371 Lite

0705 MDT 05 Apr 2025

Rev D

Deer Trail, CO

(no change)



Item	Weight pounds	Weight kg
Student Experiments	7.82	3.545
EOSS Payloads	3.36	1.526
Parachute	1.70	0.770
Neck load	12.88	5.841
Balloon	3.31	1.500
Gross Weight	16.18	7.341
Gross Lift Factor	1.30	1.30
Neck Lift	17.73	8.042
H2 fill; scf (approx)	284	
Burst Altitude; kft km	93.1	28.4
Manual Release Altitude kft	91.1	

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- (sorted from lite to heavy)
- CCD kit
 - FRCC-Sl0l (LoRa)
 - FRCC-PRISM
 - CU Boulder
 - CMU-Rocket
 - UCCS

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