

Payload Plan

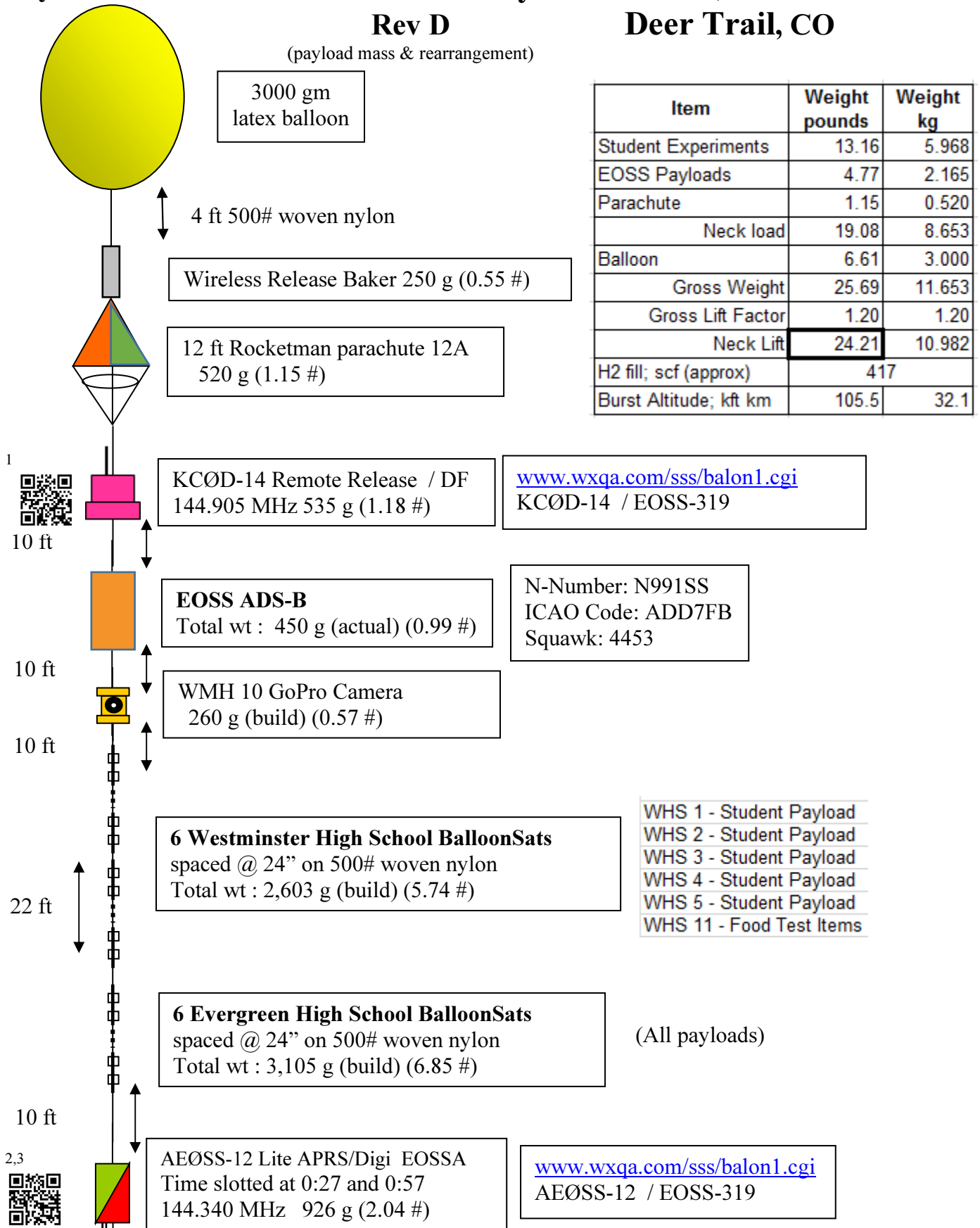
EOSS-319 Heavy

0715 MST, 28 Jan 2022

Rev D

Deer Trail, CO

(payload mass & rearrangement)



Item	Weight pounds	Weight kg
Student Experiments	13.16	5.968
EOSS Payloads	4.77	2.165
Parachute	1.15	0.520
Neck load	19.08	8.653
Balloon	6.61	3.000
Gross Weight	25.69	11.653
Gross Lift Factor	1.20	1.20
Neck Lift	24.21	10.982
H2 fill; scf (approx)	417	
Burst Altitude; kft km	105.5	32.1

- WHS 1 - Student Payload
- WHS 2 - Student Payload
- WHS 3 - Student Payload
- WHS 4 - Student Payload
- WHS 5 - Student Payload
- WHS 11 - Food Test Items

(All payloads)

¹ www.aprs.fi/kc0d-2 (that is a zero)

² <http://www.aprs.fi/ae0ss-12> (that is a zero)

³ <https://track.eoss.org>