

Flight Version	EOSS-311 Lite As Flown						
Balloon	Kaymont 1500		Mass	1.500 kg	3.31 lb		
Parachute	12' Rocketman with Adam			0.740 kg	1.63 lb	Parachute Capacity Remaining	26.406 kg 58.22 lb
DF/Cutter	KCØD-2 APRS/DF/Release			0.460 kg	1.01 lb	Parachute Total	0.740 kg 1.63 lb
EOSS Payload 1	None			0.000 kg	0.00 lb		
EOSS Payload 2	AEØSS-12 APRS/Digi lite			0.926 kg	2.04 lb		
EOSS Payload 3	EOSS ADS-B			0.448 kg	0.99 lb		
EOSS Payload 4	Wireless Charlie			0.240 kg	0.53 lb		
EOSS Payload 5	KCØD-3			0.420 kg	0.93 lb		
EOSS Payload 6	None			0.000 kg	0.00 lb	EOSS Total	2.494 kg 5.50 lb
Student Payload 1	NG Payload #1	2620 g actual		2.620 kg	5.78 lb	2495	125 g
Student Payload 2				0.000 kg	0.00 lb		0.36 lb neck
Student Payload 3				0.000 kg	0.00 lb		
Student Payload 4				0.000 kg	0.00 lb		
Student Payload 5				0.000 kg	0.00 lb		
Student Payload 6				0.000 kg	0.00 lb		
Student Payload 7				0.000 kg	0.00 lb		
Student Payload 8				0.000 kg	0.00 lb		
Student Payload 9				0.000 kg	0.00 lb		
Student Payload 10				0.000 kg	0.00 lb		
Student Payload 11				0.000 kg	0.00 lb		
Student Payload 12				0.000 kg	0.00 lb	Student Total	2.620 kg 5.78 lb
			Gross Mass	7.354 kg	16.21 lb	Remaining (if exempt)	0.329 kg 0.73 lb
			Neck Load	5.854 kg	12.91 lb	Neck Load Remaining	6.146 kg 13.55 lb
			Gross Lift	93.754 N	21.08 lbf		
			Neck Lift	79.044 N	17.77 lbf	Lift Factor	1.30
			Free Lift	21.635 N	4.86 lbf		
Lift Gas	H2OC			8.06 m^3	285 ft^3	NECK LIFT (lb)	17.77
Lanuch Site Alt (km) (Use 0)	0.00	Ascent Rate		5.28 m/s	1,040 ft/min		
15)	15.0	Burst Alt		28.4 km	93.1 kft		