

Flight Version	EOSS-306 Lite as flown						
Balloon	Kaymont 1500		Mass	1.500 kg	3.31 lb		
Parachute	10' Rocketman with Adam			0.630 kg	1.39 lb	Parachute Capacity Remaining	3.803 kg 8.38 lb
DF/Cutter	KCØD-14 APRS/DF/Cutter			0.535 kg	1.18 lb	Parachute Total	0.630 kg 1.39 lb
EOSS Payload 1	AEØSS-12 APRS/Digi lite			0.860 kg	1.90 lb		
EOSS Payload 2	KCOD-3 Lite			0.420 kg	0.93 lb		
EOSS Payload 3	None			0.000 kg	0.00 lb		
EOSS Payload 4	KE7KCK GoPros			0.331 kg	0.73 lb		
EOSS Payload 5	None			0.000 kg	0.00 lb		
EOSS Payload 6	None	as flown		0.000 kg	0.00 lb	EOSS Total	2.146 kg 4.73 lb
Student Payload 1	WMH CTE Camera pkg	747.0 g final		0.747 kg	1.65 lb	726.5	<--pre-flight masses
Student Payload 2	Brandon & Chris A	330.2 g final		0.330 kg	0.73 lb	294.5	
Student Payload 3	Max, Lix, Ethan, & Chris L	547.3 g final		0.547 kg	1.21 lb	548.8	
Student Payload 4	Ezaul & Xavier	365.9 g final		0.366 kg	0.81 lb	333.2	
Student Payload 5	Liane & Irving	308.0 g final		0.308 kg	0.68 lb	272.8	
Student Payload 6	Khang & Caitlyn	387.2 g final		0.387 kg	0.85 lb	349.1	
Student Payload 7	Enrique	211.1 g final		0.211 kg	0.47 lb	197.9	
Student Payload 8	Dorian, Jose, & Ezaul	325.0 g final		0.325 kg	0.72 lb	314.1	Difference
Student Payload 9				0.000 kg	0.00 lb	3036.9	185
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	3.222 kg 7.10 lb
			Gross Mass	7.498 kg	16.53 lb	Remaining (if exempt)	0.075 kg 0.17 lb
			Neck Load	5.998 kg	13.22 lb	Neck Load Remaining	6.002 kg 13.23 lb
			Gross Lift	95.586 N	21.49 lbf		
			Neck Lift	80.876 N	18.18 lbf	Lift Factor	1.30
			Free Lift	22.058 N	4.96 lbf		
Lift Gas	H2OC			8.22 m^3	290 ft^3	NECK LIFT (lb)	18.18
Lanuch Site Alt (km) (Use 0)	0.00	Ascent Rate		5.30 m/s	1,043 ft/min		
15)	15.0	Burst Alt		28.3 km	92.7 kft		