

Flight Version	EOSS-332 Lite EHS Rev H					
Balloon	Kaymont 1500		Mass	1.500 kg	3.31 lb	
Parachute	10' Rocketman with Adam			0.630 kg	1.39 lb	Parachute Capacity Remaining 4.980 kg 10.98 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			0.930 kg	2.05 lb	
EOSS Payload 2	EOSS ADS-B			0.450 kg	0.99 lb	
EOSS Payload 3	None			0.000 kg	0.00 lb	
EOSS Payload 4	None			0.000 kg	0.00 lb	
EOSS Payload 5	None			0.000 kg	0.00 lb	
EOSS Payload 6	None			0.000 kg	0.00 lb	EOSS Total 1.915 kg 4.22 lb
Student Payload 1	5 student payloads	1912 g final		1.912 kg	4.22 lb	
Student Payload 2				0.000 kg	0.00 lb	
Student Payload 3	WMH #11 (optional)	364 g final		0.364 kg	0.80 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 2.276 kg 5.02 lb
			Gross Mass	6.321 kg	13.94 lb	Remaining (if exempt) 1.252 kg 2.76 lb
			Neck Load	4.821 kg	10.63 lb	Neck Load Remaining 7.179 kg 15.83 lb
			Gross Lift	80.584 N	18.12 lbf	
			Neck Lift	65.874 N	14.81 lbf	Lift Factor 1.30
			Free Lift	18.596 N	4.18 lbf	
Lift Gas	H2	OC		6.93 m ³	245 ft ³	NECK LIFT (lb)
Lanuch Site Alt (km) (Use 0)	0.00	Ascent Rate		5.15 m/s	1,014 ft/min	
15)	15.0	Burst Alt		29.4 km	96.3 kft	
						14.81