

Flight Version	EOSS-297 NDIA As Flown					
Balloon	Kaymont 1500		Mass			
Parachute	10' Rocketman with Baker KCØD-2		1.500 kg	3.31 lb	Parachute Capacity Remaining	4.759 kg 10.49 lb
DF/Cutter	APRS/DF/Release		0.671 kg	1.48 lb	Parachute Total	0.671 kg 1.48 lb
EOSS Payload 1	KØSCC-14 APRS		0.700 kg	1.54 lb		
EOSS Payload 2	None		0.000 kg	0.00 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	1.160 kg 2.56 lb
Student Payload 1	NDIA #1	945 g actual	0.945 kg	2.08 lb		
Student Payload 2	NDIA #2	1,125 g actual	1.125 kg	2.48 lb		
Student Payload 3	NDIA #3	1,100 g actual	1.100 kg	2.43 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	3.170 kg 6.99 lb
			Gross Mass	6.501 kg 14.33 lb	Remaining (if exempt)	1.113 kg 2.45 lb
			Neck Load	5.001 kg 11.03 lb	Neck Load Remaining	6.999 kg 15.43 lb
			Gross Lift	79.691 N 17.92 lbf		
			Neck Lift	64.981 N 14.61 lbf	Lift Factor	1.25
			Free Lift	15.938 N 3.58 lbf		
Lift Gas	H2	OC	6.85 m^3	242 ft^3	NECK LIFT (lb)	14.61
Lanuch Site Alt (km) (Use 0)	0.00	Ascent Rate	4.79 m/s	942 ft/min		
15)	15.0	Burst Alt	29.4 km	96.5 kft		