

Flight Version	EOSS-298 Qual AS Flown					
Balloon	Kaymont 1500 9' Rocketman with		Mass			
Parachute	Adam KCØD-14		1.500 kg	3.31 lb	Parachute Capacity Remaining	3.576 kg 7.88 lb
DF/Cutter	APRS/DF/Cutter AEØSS-12		0.561 kg	1.24 lb	Parachute Total	0.561 kg 1.24 lb
EOSS Payload 1	APRS/Digi lite		0.700 kg	1.54 lb		
EOSS Payload 2	C-BASE ADSB		0.495 kg	1.09 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	1.610 kg 3.55 lb
Student Payload 1	AEØSS-13 qual	0.760 kg actual	0.760 kg	1.68 lb		
Student Payload 2	KCØD-1 qual	0.515 kg actual	0.515 kg	1.14 lb		
Student Payload 3	KØNKK Sunscreen	580 g actual	0.580 kg	1.28 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	1.855 kg 4.09 lb
			Gross Mass	5.526 kg 12.18 lb	Remaining (if exempt)	1.978 kg 4.36 lb
			Neck Load	4.026 kg 8.88 lb	Neck Load Remaining	7.974 kg 17.58 lb
			Gross Lift	67.739 N 15.23 lbf		
			Neck Lift	53.029 N 11.92 lbf	Lift Factor	1.25
			Free Lift	13.548 N 3.05 lbf		
Lift Gas	H2	OC	5.83 m^3	206 ft^3	NECK LIFT (lb)	11.92
Lanuch Site Alt (km) (Use 0)	0.00	Ascent Rate	4.66 m/s	917 ft/min		
15)	15.0	Burst Alt	30.5 km	100.0 kft		