Flight Version	EOSS-404 Heavy BIRST as flown						
			Mass				
Balloon	Kaymont 3000		3.000 kg	6.61 lb			
Parachute	12' Rocketman with Baker		0.770 kg	1.70 lb	Parachute Capacity Remaining	21.786 kg	48.03 lb
DF/Cutter	KCØD-2-JPN06 APRS/DF/Release 8ft		0.485 kg	1.07 lb	Parachute Total	0.770 kg	1.70 lb
EOSS Payload 1	ADS-B (N991SS)		0.575 kg	1.27 lb			
EOSS Payload 2	APRS/Digi 13ft		0.471 kg	1.04 lb			
EOSS Payload 3	N0JPS Bottom		0.453 kg	1.00 lb			
EOSS Payload 4	None		0.000 kg	0.00 lb			
EOSS Payload 5	None		0.000 kg	0.00 lb			
EOSS Payload 6	KØSCC-13-JP08 APRS 9ft		0.545 kg	1.20 lb	EOSS Total	2.529 kg	5.58 lb
Student Payload 1	Pinheads (FW record only)	1710 g final	1.710 kg	3.77 lb		0.770 kg	1.70 lb
Student Payload 2	BIRSThoven (FW record only)	1580 g final	1.580 kg	3.48 lb		**3.299 kg**	**7.27 lb**
Student Payload 3	Delta Vees (LoRa serial)	875 g final	0.875 kg	1.93 lb			
Student Payload 4	Don't Poke the Bear (2m uplink)	1515 g final	1.515 kg	3.34 lb			
Student Payload 5	W.A.G.S (Featherweight)	1465 g final	1.465 kg	3.23 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	7.145 kg	15.75 lb
		Gross Mass	13.444 kg	29.64 lb	Remaining (if exempt)	-4.231 kg	-9.33 lb
		Neck Load	10.444 kg	23.03 lb	Neck Load Remaining	1.556 kg	3.43 lb
		Gross Lift	158.209 N	35.57 lbf			
		Neck Lift	128.789 N	28.95 lbf	Lift Factor	1.20	
		Free Lift	26.368 N	5.93 lbf	NECK LIFT (lb)	28.95	
Lift Gas	H2	0C	13.61 m^3	481 ft^3			
Lanuch Site Alt (km) (Use 0)	0.00	Ascent Rate	4.90 m/s	964 ft/min			
15)	15.0	Burst Alt	31.2 km	102.4 kft			