0720 MDT, Aug 2021 **Payload Plan EOSS-313 Heavy** Rev B Genoa, CO (Updated Launch Time and Date) Weight Weight 3000 gm Item pounds kg latex balloon Student Experiments 11.77 5.338 **EOSS Payloads** 3.55 1.610 Parachute 1.15 0.520 4 ft 240# woven nylon 7.468 Neck load 16.46 Balloon 6.61 3.000 Wireless Release Adam 220g (0.49#) **Gross Weight** 23.08 10.468 Gross Lift Factor 1.15 1.15 **Neck Lift** 19.93 9.037 12 ft Rocketman parachute 12A H2 fill; scf (approx) 359 520 g (1.15 #) Burst Altitude; kft km 108.6 33.1 www.wxqa.com/sss/balon1.cgi KCØD-14 Remote Release / DF KCØD-14 / EOSS-313 145.765 MHz 535 g (1.18#) 10 ft 500# woven nylon 3 BIRST BalloonSats spaced @ 24" on 500# woven nylon Total wt: 7215 g (15.91 #) 6 ft 10 ft 500# woven nylon **EOSS ADSB Beacon N991SS** 448 g (actual) (.99 #) AEØSS-13 Lite APRS/Digi EOSSX www.wxqa.com/sss/balon1.cgi Time slotted at 0:10 and 0:40 AEØSS-13 / EOSS-313 144.340 MHz 855 g (1.88 #)