

Flight Items

1 LB = 453.592 G

1 OZ= 28.3495 G

item:	description:	Cost (\$):	Weight (G):
1/8" nylon cord 48 Ft	Rope that attaches everything together.	3.97	86
Radar Reflector	Makes balloon seen by planes	\$0	N/A
GCDC B1100-2	Barometric Pressure Sensor (Altimeter)	\$120 http://www.gcdataconcepts.com/b1100-1.html	9
Container	12" styrofoam hollow half spheres (x2)	\$22 http://shop.hobbylobby.com/products/12-white-smoothfoam-half-ball-498386/	N/A
SPOT	Gps Tracker	\$150 http://gps-tracker-review.toptenreviews.com/spot-gen3-review.html	114
Sounding Balloon	1200 G weather balloon (ideal payload 2.2 lb)	\$125 http://www.highaltitudescience.com/collections/near-space-balloons/products/near-space-balloon-1200-g	1200
Video Camera	Go Pro Hero 2	Ebay \$100-200	198
3ft Parachute	Slows Payload down on re entry	\$40 http://www.the-rocketman.com/recovery.html	85
GoPro Battery	Replaces current battery(s) to last longer	\$14.52	attaches onto gopro
Misc	Anything that may bring weight up.	N/A	100
		Total: \$475.49-575.49	Total: 592 g

Ground Items

Item	Description	Cost \$
Trac Outdoors ✓	Fishing Scale: used to make sure lift is nominal.	\$13.99 http://www.walmart.com/ip/Trac-Outdoors-Digital-Fishing-Scale-25-lb./40715462
Tarp ✓	To keep balloon from popping on ground	Free
Latex Gloves	To keep balloon from popping while handling	Free or 5.99 Home Depot
Bucket/weight	To hold down balloon	Free
Helium	Used to lift payload	185\$ Oxy
Hose/ Regulator	Used to bring down pressure to safe level	85\$ http://www.highaltitudescience.com/products/3-cm-max-safe-inflator