

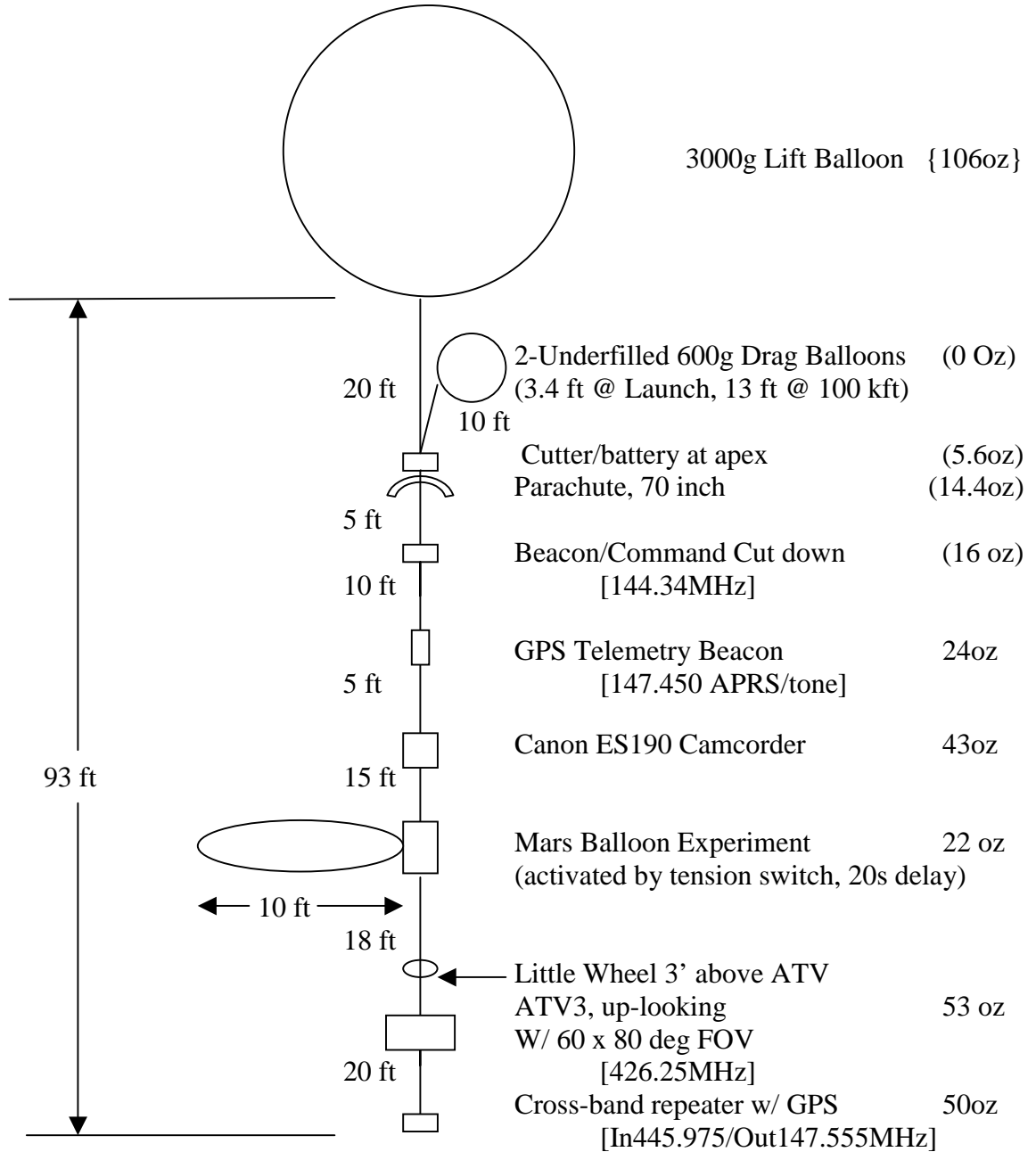
Proposed EOSS-47 Flight Configuration, Pioneer Astronautics, 2/21/2001

Ascends until main lift balloon bursts @ ~105 kft.

Tension switch activates Mars balloon experiment with 20 second delay.

Cut-down of drag balloon (and main remains) commanded 5 minutes after burst.

We have two cut-down commands, one to cut away the main balloon (which also redundantly starts the experiment), and the second to cut away the drag balloon some time later.



Total: 192oz (12lbs) FAA Weight, 228oz (14.25) loadW, 334oz (20.9) TotalW

*Effective wt of drag balloon = 600g - 600g lift of helium = 0g = 0# weight.