

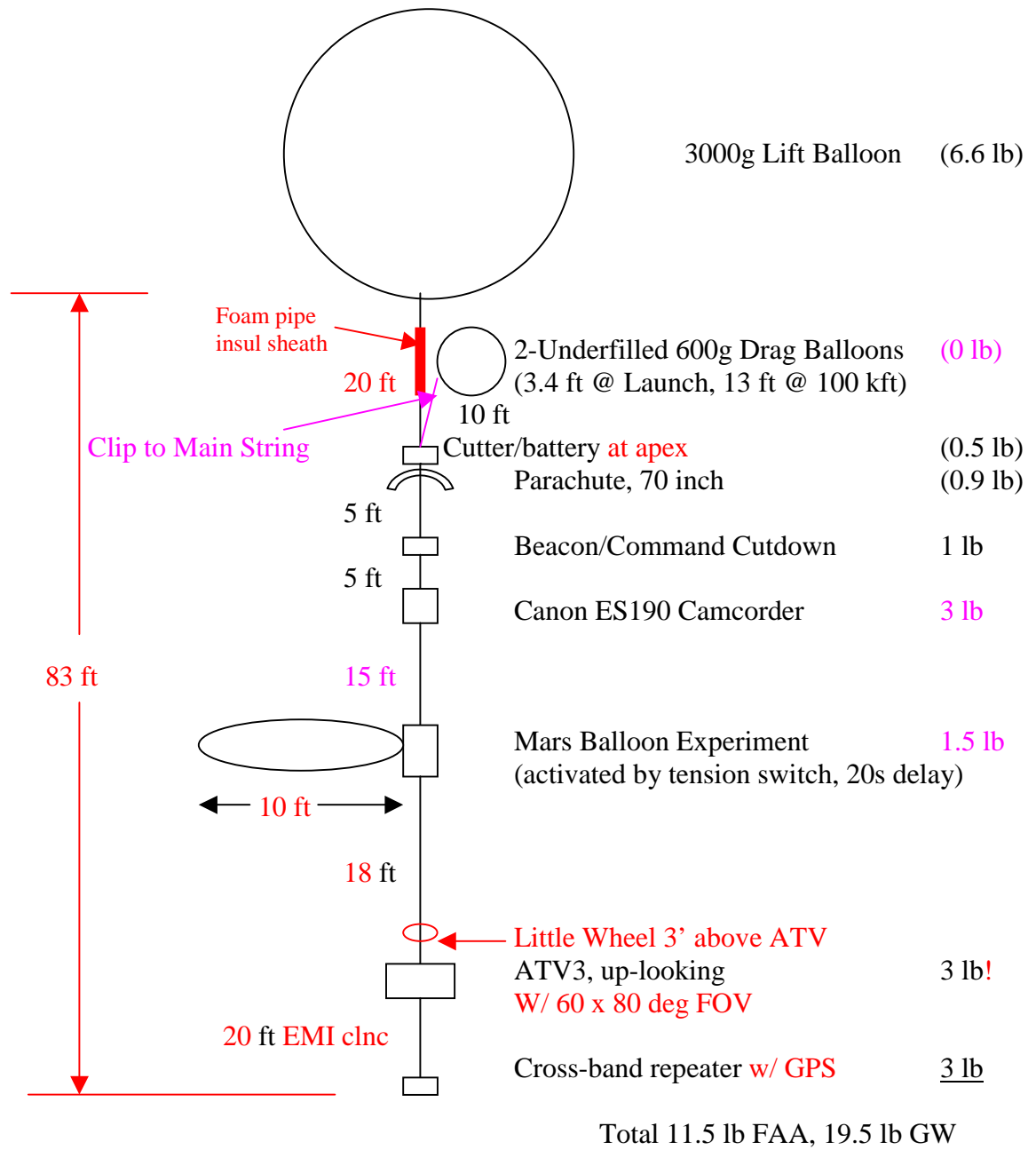
D. Spieth 1/9 & M. Manes 12/10/00 revision to:
Proposed EOSS-46 Flight Configuration, Pioneer Astronautics, 12/21

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.

[It is also conceivable to have two cut-down commands, one to cut away the main balloon (which also redundantly starts the experiment with a 20 second delay via a long wire), and the second to cut away the drag balloon 5 minutes later, which could also be on a time delay.]



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