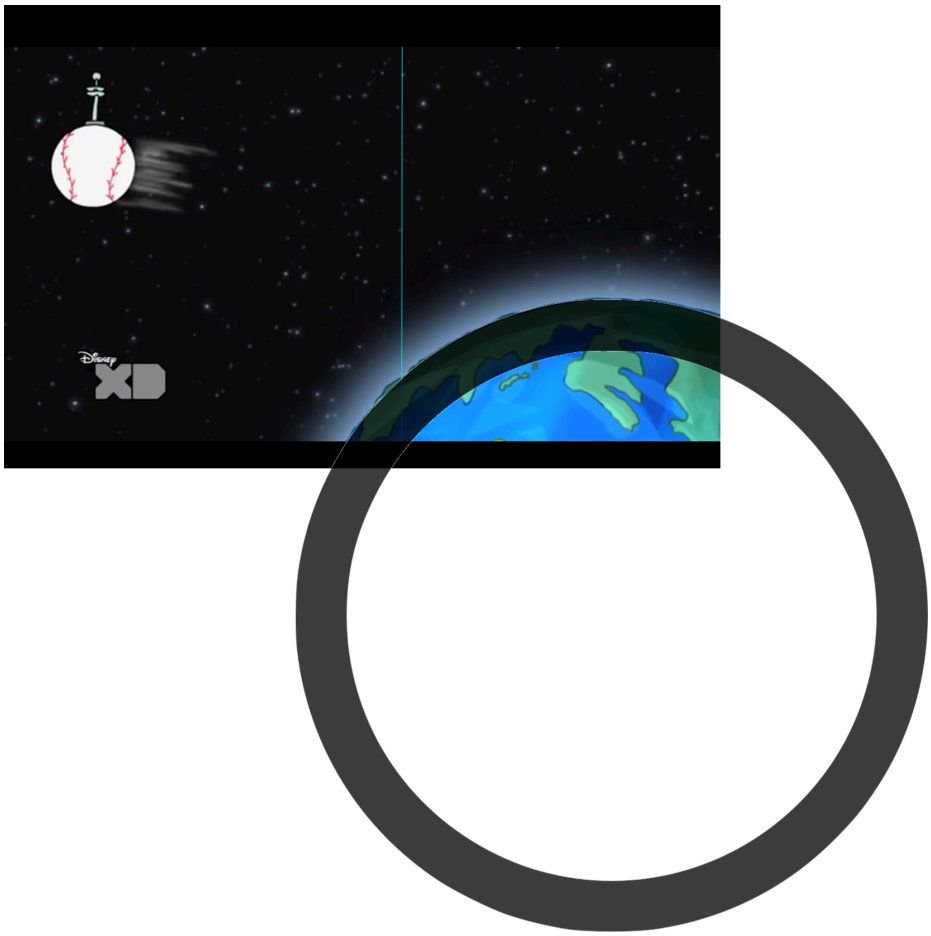
Feat here: https://youtu.be/BgkoJz5qOv4?t=8.

From “The Chronicles of Meap”. Phineas launches a remote-control baseball into orbit, I’ll be getting the speed of it.



Screen height (blue): 1155 pixels
Earth (circle): 1853 pixels in diameter and 12742000 meters

Corrected diameter: sqrt(1-(tan(35)*(1853/1155))^2/((tan(35)*(1853/1155))^2+1))*12742000 = 8,472,207.39465 meters

(2)arctan(tan(35 degrees) * (1853/1155)) = 96.6500705403 degrees

Plugging these in gets us 3,770,900 meters distance.

It takes about 4 seconds for the baseball to get there from 0:10 to 0:14, so 3,770,900/4 = 942,725 m/s

Mach 2,748.46938776 - Massively Hypersonic+

Scales to reactions because Phineas could block a baseball shot at him from this same machine. I could also calc Meap surviving the crash to Earth but tbh it probably won't get that high because Meap's as light as a teddy bear and he wouldn't scale to the whole ship crashing.