

Balancing the R.A

There should be *slight* imbalance to ensure the best possible tracking. When the scope is on the west side of the mount the counterweight should be slightly imbalanced to the counterweight bar side. And when the tube is on the east side of the mount there should be a slight imbalance toward the telescope side. This is done so that the worm gear is pushing against the slight load. THE AMOUNT OF THE IMBALANCE IS VERY SLIGHT. When taking astro-photographs, this balance process can be done for the specific aim of the telescope to further optimize tracking accuracy.