

Mount the prop between the cones and lock into position with the spring, washer and tubing. Now place the balancing shaft on the wheels of the balancer. The prop will rotate back and forth indicating one side is heavy. When the prop stops, the heavy side will be at the bottom. Remove material from the heavy side by sanding, scraping, carving, etc. When placed back on balancer, a perfectly balanced prop will remain stationary at any position.

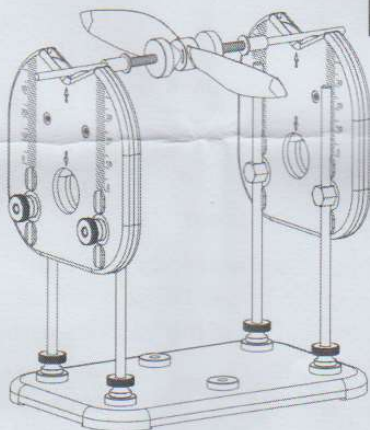


FIG.3

The proper procedure is to remove material from the BACK SIDE (concave) of the heavy blade. See FIG.3.1 to learn how to determine which face is the BACK SIDE of the prop blade. Repeat this process, checking often until prop is perfectly balanced and does not move/rotate when placed in any position.

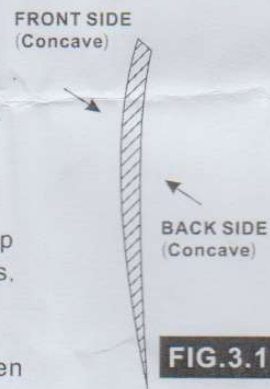


FIG.3.1

BALANCING WHEELS

When balancing wheels, use drops of "CA" glue or epoxy to the inside of the rims (FIG.7.1). If more weight is needed to balance, you can CA or epoxy small washers to the rim.

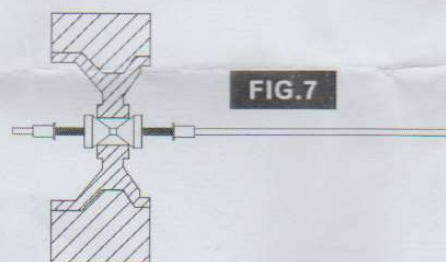
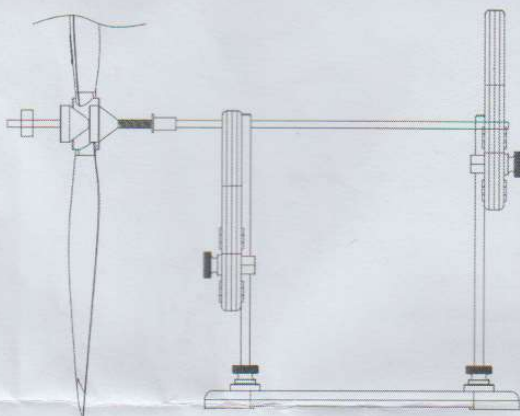


FIG.7

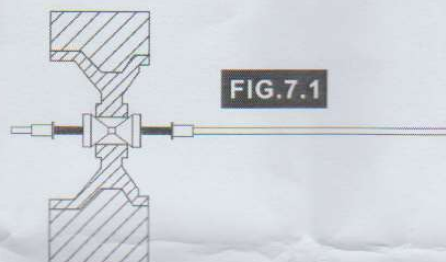


FIG.7.1

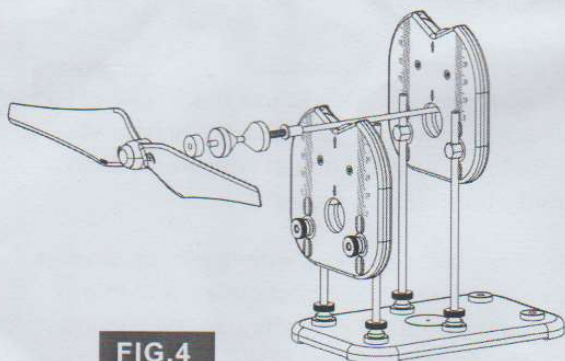


FIG.4

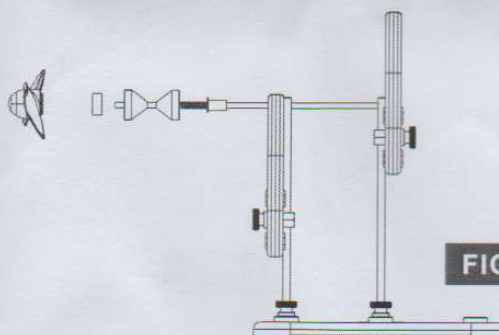


FIG.4