

FINE TUNING

Paper tuning the bow is a good starting point. The bow is not truly tuned until it groups. To add a final “fine” tune to the bow:

- At 20 yards from the target, shoot at a dot and adjust the sight until you group your arrows around the dot.
- Hang a plumb bob on one of the arrows in the center of the group (Figure 1).
- Back up to 30 yards (or more). Still using the 20-yard pin shoot another group of arrows at the same dot. The arrows are going to hit low.
- If the arrows hit to right of the plumb bob string (Figure 2), move the arrow rest in small increments to the left until the arrows are hitting within $\frac{1}{2}$ " of the string for the intermediate shooter and $\frac{1}{4}$ " for the advanced shooter. If the arrows are hitting to the left of the plumb bob string (Figure 3), do the same thing only moving the arrow rest in small increments to the right.
- Go back to 20 yards from the target and shoot at 1-inch wide horizontal line (Figure 4) to measure the height of the group. If the group is taller than $1\frac{1}{4}$ " for the intermediate shooter and $\frac{3}{4}$ " for the advanced shooter, put $\frac{1}{8}$ of a turn in the bottom limb bolt and shoot again. Very rarely will more than $\frac{1}{8}$ of turn be needed.



Figure 1



Figure 2



Figure 3



Figure 4