

## Paper Tuning Basics

- 1) *Align the arrow with the center of the bowstring.*
- 2) *Put the nocking point where you normally put it or slightly above square.*
- 3) *Make sure the fletch are clearing the bow properly. Rotate the nock till it appears to be ok. This is good enough at this point.*
- 4) *Get a sheet of paper at least 24" x 24" put it on a frame and position the center of it .Make sure you have a target butt 5 - 6' behind it. Position yourself 6 - 8' in front of the paper.*
- 5) *Shoot a fletched arrow through the center of the paper. ( I have at times found the reaction means the opposite to what is indicated due to the arrow being on its second oscillation in flight) Basically only make one adjustment at a time and if the tear gets worse do the opposite.*



*good arrow flight*

---



*nocking point wrong try moving up slightly if the tear gets worse move the other way slightly.*

---



*Could be nocking point to high move down slightly if it gets worse try the other direction. If this can not correct the tear pattern and you are a release shooter your arrow spine may be too weak. Go to stiffer arrow or make the bow weight lighter. (If your arrows are long you can cut them shorter to stiffen them.)*

---



*This is normally a stiff arrow tear pattern for a right handed shooter. A left handed shooter will go the other way. This can also be an arrow rest to far to the right. A finger shooter usually has the rest slightly to the left of center for right handed shooters. You may try changing the bow weight or arrow size . The rest may need moving also.*

---



*This is usually a weak arrow spine for right handed shooters or could be a clearance problem. To check clearance now that the bow is closer to being tuned put a light coat of powder over the rest cables and window of the bow. ( I use a spray of foot powder so it sticks a little better) After each shot check to see if there is any contact from the fletch or the arrow.*

---



*This is a combination of problems fix the nocking point first then move to the next problem.*

---

*Remember to check your arrow you are using to make sure it is not a damaged or bent arrow that is causing the problem. Keep your arrows as uniform as possible. An insert that is slightly different from another will make a difference in the reaction of the arrow.*

---

*Another problem that is common when sighting in Remember to move the sight in the direction the arrow hits. If you are shooting to the right move the sight to the right. If you are shooting high move the sight up.*