

After 8 months of R&D and many, hours with the best mind in the aerodynamics world, Firenock LLC is ready to show the world what we have come up with next. The Aerovane™! It is trademarked and US patent pending processed.

Aerovane™ is a vane that:

- The vane does not generate much sound on its own when you shoot it.
- Minimum drag, as it can be fletched straight. The current consensus is that, the higher the arrow speed, the better it flies. With fletch with over 1.7 degree helical, Aerovane will generate so much drag, the arrow speed will significantly suffer.
- Has 1 true airfoils (continuous change of thickness and curved surface)
- Has a wind channel for structural flexibility.
- Has better down range speed than most vanes on the market, (arrow speed not drop below 220 fps).
- Is made of a harder material than anything other major national brand.
- Is chemically formulated to easily bond with most fletching glue.
- Has minimum delta wing surface vortex.
- Has minimum 1st or 2nd stage turbulence.
- Has minimum wow and flutter due to structural integrity and material hardness (true ultra slim pyramid design).
- Has a true owl wing frontal design (Did you know, an owl is the only animal that flies with no sound? The round frontal area of the Aerovane™ is what makes it so special). Try to think circular lift, circular lift creates rotation.
- With a 2 vane configuration, which creates enough lift for all field points and mechanical broad-heads. A 3 vane configuration creates enough circular lift to stabilize most fixed blades broad head.
- Will work with most crossbows, as it should only be fletched straight only.
- Jo-Jan or BITZENBURGER fletching jigs with light modification (see column 2).
- Has a height of 0.545", and a length of 3.75". Making it just a few hairs shorter than a blazer. This is by design.
- Weight is 11.3 grains +/- 0.2 grains
- Work extremely well with Whisker Biscuits as it has the thick frontal end to open the bristles and allow the rest to pass without much drag through the bristles.

From the field report, we learn to install Aerovane to be as straight as possible is the key. Jo-Jan straight fletch with the following modifications work very well:

Material List:

- 1) 4" long 1/16 square brass bar
- 2) Goat Tough Gel (or any super glue gel you like to use)

