

How to Minimize Arrow Weight Variance

1. Calculate desired overall arrow weight by adding the weight of the point/broadhead, insert (if used), vanes/feathers/FOB and nock. Then multiply grains per inch by the estimated length of the shaft (normally 1-2 inches less than your draw length). Add the two figures together for the overall arrow weight.

2. Shafts

- Cut shafts based on your desired overall arrow weight
- Weigh and sort shafts on a table from heaviest (top) to lightest (bottom)

3. Inserts (skip steps 3 and 4 if you do not use inserts)

- Weigh and sort inserts on a table next to the shafts from top (lightest) to bottom (heaviest)

*This will match lightest inserts with heaviest shafts

- Install Inserts

4. Weigh and sort arrows on a table from heaviest (top) to lightest (bottom)

5. Nocks

- Weigh and sort nocks on a table next to the arrows from lightest (top) to heaviest (bottom)

*This will match lightest nocks with heaviest arrows

- Insert nocks

6. Arrows

- Weigh and sort arrows on a table from heaviest (top) to lightest (bottom)

7. Vanes/Feathers or FOB (Fletching Only Better)

- Weigh groups of vanes/feathers (normally 3) or single FOB

- Arrange groups or FOB next to the arrows on a table from lightest (top) to heaviest (bottom)

*This will match lightest vanes/feathers or FOB with heaviest arrows

8. Fletch Arrows or Install FOB

- Weigh and sort fletched arrows on a table from heaviest (top) to lightest (bottom)

9. Points/Broadheads

- Weigh and sort points/broadheads on a table next to the arrows from lightest (top) to heaviest (bottom)

*This will match lightest points/broadheads with heaviest arrows

10. Install Points/Broadheads

- Align FOB with broadhead (If applicable)

- Weigh arrows

- Spin test arrows

11. Number or Label Arrows

- Keep track of any arrows that do not group with the others

The rest is up to you