

Arrow Build Checklist

Step-by-step build sequence with QC checks

PREPARATION

- Cut shaft to length (square cut)
- Deburr both ends
- Clean shaft interior with cotton swab + acetone
- Confirm components match build spec (spine, point weight, GPI)

INSERT / OUTSERT

- Roughen insert with sandpaper
- Mix two-part epoxy (or pre-warm hot-melt)
- Apply thin even coat to insert exterior
- Insert and rotate 360° to spread adhesive
- Wipe excess; let cure per glue spec (12-24h epoxy / cool fully for hot-melt)

POINT SEATING

- Thread point fully — no gap between point shoulder and insert
- Lock with thread-locker if hunting setup

NOCK + BUSHING

- Confirm bushing seated and not cracked
- Test fit nock — audible click, no over-rotation
- Index nock to 12 o'clock relative to cock vane

FLETCHING

- Wipe rear of shaft with isopropyl alcohol (no residue)
- Confirm fletching jig clamp angle (offset / helical)
- Lay vane glue bead — avoid pooling
- Press vane in jig; hold per glue cure spec
- Rotate jig and repeat for vanes 2 & 3

QC

- Spin test on rollers — no wobble
- Square check — point square to shaft axis
- Weigh on grain scale — record actual
- Mark with arrow number and store with set

