



Boomerang V5 - Light and Fast Returning



quibeck

[VIEW IN BROWSER](#)

updated 23. 8. 2026 | published 23. 8. 2026

Summary

V5: under 10g, over 30m flight — a lightweight tri-blade boomerang that returns fast right to your hand.

[Toys & Games](#) > [Outdoor Toys](#)

Tags: [return](#) [flying](#) [boomerang](#) [outdooractivities](#) [outdoortoy](#)

The **Boomerang V5 - Light and Fast Returning** is the latest refinement in an ongoing boomerang design series, tuned for maximum distance and a quick, reliable return. Weighing in at under 10 grams, this three-bladed boomerang achieves an impressive 30+ meter flight range while looping back fast enough to catch right out of the air. The open, triangular frame with three curved blades is optimized to balance weight, lift, and stability — light enough to throw easily, yet shaped to hold a clean flight path and snap back quickly on the return. As the fifth version in this design's development, V5 builds on previous iterations with refined blade geometry for better distance and a faster, more reliable return. Key features:

- **Long flight distance** — tested at over 30 meters per throw.
- **Fast, reliable return** — refined blade shape brings it back quickly to your hand.
- **Ultra-lightweight** — under 10g, easy to carry and throw all day.

- **Three-blade design** — open frame reduces weight while maintaining lift and stability.
- **Single-piece print** — no assembly needed, ready to throw straight off the print bed.
- **V5 refinement** — the latest version in an evolving boomerang design, improved for both distance and return speed.

Use cases:

- Outdoor throwing games at the park, beach, or open field
- A satisfying long-distance throw-and-catch toy for kids and adults alike
- Testing and comparing flight/return performance against earlier design versions

Printing tips:

- Print flat/as shown for the cleanest surface finish and best blade balance.
- Keep infill consistent across all three blades to maintain flight balance — uneven weight distribution will affect both distance and return accuracy.
- PLA or PETG both work well; avoid warping-prone settings since blade symmetry matters for flight performance.

The fifth generation of a boomerang built for distance and a fast return — light, simple, and thrown with nothing but your hand.

This remix is based on



Boomerang V4 better aerodynamics (no holes)

by quibeck

Model files



boomerang.stl



boomerang-print-profile.3mf

License

This work is licensed under a
[Creative Commons \(4.0 International License\)](#)



Attribution-ShareAlike

-
- ✗ | Sharing without ATTRIBUTION
 - ✓ | Remix Culture allowed
 - ✓ | Commercial Use
 - ✓ | Free Cultural Works
 - ✓ | Meets Open Definition