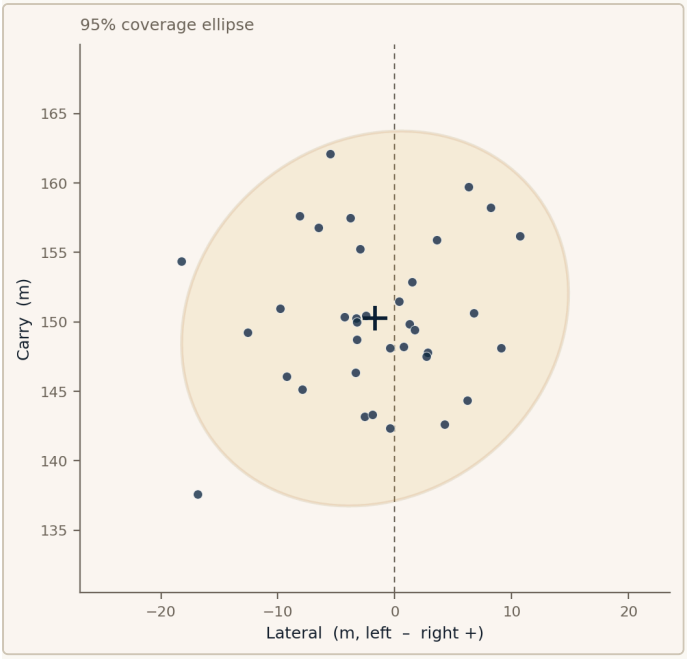
# [PLAYER] — 7-iron dispersion envelope

Prepared for [COACH NAME] · [FACILITY] · [SESSION DATE] · single sim session · 36 shots after screening




| | |
|---|---|
| Carry σ — distance consistency | **5.5 m**<br>90% CI 4.6–6.9 m |
| Lateral σ — left/right consistency | **6.8 m**<br>90% CI 5.7–8.4 m |
| Centre — carry / lateral | **150 / -1.7**<br>m (− left, + right) |
| Width : depth ratio | **1.23**<br>>1 ⇒ left/right is the wider axis |
| Sample-size grade | AMBER<br>Credible session baseline · ±20% |

THE SINGLE BIGGEST CONSISTENCY LEAK

## Your lateral (left/right) miss — face angle at impact

start-line scatter (face) is the larger driver of your left/right miss (~77% face vs 23% path). · spread dominates (6.8 m) over a small -1.7 m aim offset.

**Amber ellipse**
where 95% of your shots land

**Cross**
your average shot (the centre)

**Dashed line**
your target line — offset = aim bias

RELIABILITY OF A Σ CLAIM — THIS READ SITS IN THE AMBER BAND (36 SHOTS)

<35 shots · rough read (±25%) | 35+ · credible (±20%) | 62+ · defensible (±15%)

### HOW TO READ THIS

This is one player's shot pattern from a single session — the area where 95% of their shots land, with two consistency figures beside it: how much their distance varies and how much their direction varies, each with a confidence range and a grade for how far the sample lets you trust it. It names which axis is the real problem and the cause behind it, telling a true aim error apart from ordinary spread — so you can see at a glance whether the next lesson is about distance or about face and path. It is more than the raw number a launch monitor shows: that one is distorted by a few mishits and silent on sample size. This screens the mishits out, stays within one session and one environment, and says plainly when a read is too thin to bank on.

> *This is a credible session baseline (a fair single-session read). σ is computed within one session and one environment (sim), mishit-screened, and never normalised — a tighter claim needs more shots, not a cleaner-looking number.*

`Provenance: 38 shots in · 2 screened out (smash<1.2 OR robust-z>3.5 on carry) · environment = sim · σ raw within-session, CI via χ².`