

HitTrax Hitting Guide

Exit Velocity (EV)

The velocity of the ball as it comes off the bat.

Launch Angle (LA)

The vertical angle of the ball as it comes off the bat. Positive indicates an elevated hit while negative indicates a ground ball.

Green/Green

EV number will turn green if hit is classified as a Hard Hit (HH)

LA number will turn green if hit is classified as a LD

Distance

The distance shown on the field represents the projected distance relative to first point of contact.

The distance displayed in the results box (top of screen) represents the true projected distance without obstruction. This comes into play if the ball first strikes the wall or stands.

Points

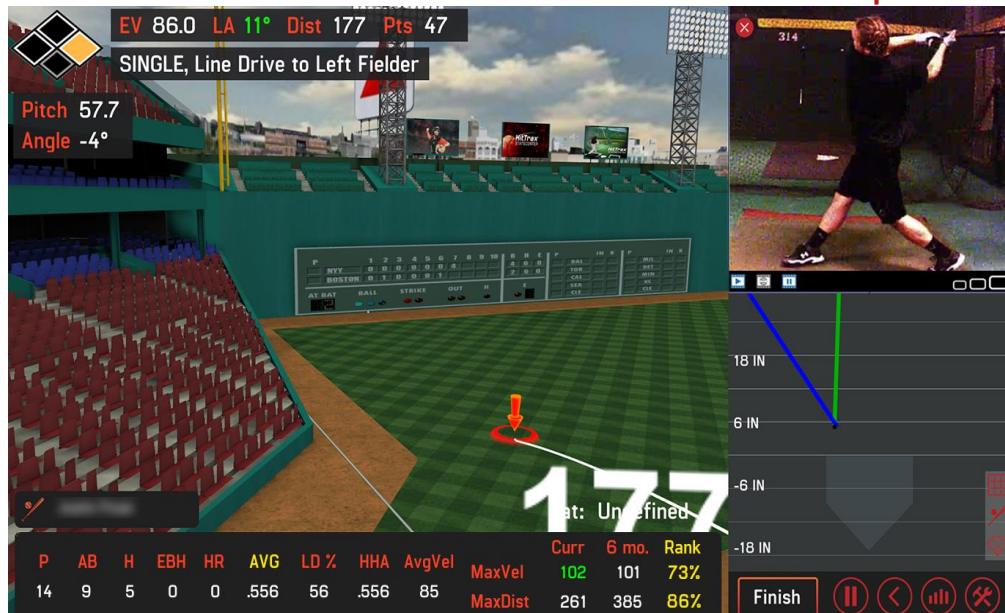
The point value represents the quality of the hit relative to the EV, LA, Dist, and result. The higher the number the better the hit.

Pitch

The velocity of incoming pitch.

Angle (Pitch)

The horizontal angle of the incoming pitch. Negative indicate sink while positive indicates a rise.



Hard Hit (HH)

Hits within 10% of the players max. exit velocity over the past 6 months.

Hard Hit Avg (HHA)

Players average of Hard Hits during session.

Line Drives Plus HH (LPH)

Line Drive % + Hard Hit Average. LPH is the sum of a hitter's LD% and HHA.

Live Video Window

Live feed from 1 of 3 cameras with auto capture of video immediately following the hit.

Instant playback/review immediately following hit.



Manual playback of last 3 seconds



Select to playback/review the last hit recorded



Pauses capture while keeping the live video active



Select to change camera views



Adjust size of video window

Hit Type

Ground Ball (GB)

LA < 5° and/or Dist < 120/90 ft

Line Drive (LD)

LA > 5° and/or Dist > 120/90 ft

Fly Ball (FB)

LA > 30°

Note – Categorizing hits between 15°-30° will be dependent on Height/Dist. ratio of 0.14
LD < 0.14 FB > 0.14

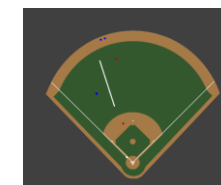
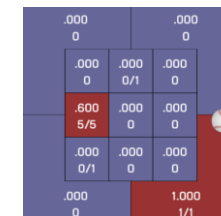
User can select 1 of 3 charts to display

1 **Point of Impact (shown):** POI displays where the ball was hit with respect to home plate.

2 **Strike Zone** – displays the exact position of the incoming pitch and displays metrics for each section of the zone.

3 **Spray Chart** – displays the location where the ball comes to rest or is picked up by the fielder.

- Red = Outs
- Blue = Hits



Rank
percentile ranking worldwide in player's age group

6 mo. (Best)
displays the player's personal best over the last 6 months