



RAPSODO PITCHING REPORT



METRIC DEFINITIONS

Pitch Velocity

How fast a pitch travels from the time it leaves the pitcher's hand, measured in miles per hour (MPH).

Spin Rate

The velocity rate at which the ball spins from the time it leaves the pitcher's hand, measured in rotations per minute (RPM).

Spin Axis

The spin tilt (or angle) of the ball, measured in degrees, created by the Magnus effect. The Magnus effect is created by the air pressure surrounding the spinning baseball on its way to home plate.

Spin Efficiency

The percentage of spin directly creating movement on a pitch. Calculated by taking the ratio of the true spin of the baseball divided by total spin.

Break (HB & VB)

Derivation of the position of the ball when it crosses the strike zone in comparison to what its position would have been without spin. The deviation (break) is measured horizontally (HB) and vertically (VB), in inches. Negative break is to the left, positive break is to the right.

Release Height

Vertical height above the ground at the point the pitch is released.

Release Side

The distance from the center of the rubber at the point of release from the pitcher's point of view, where the right is a positive number and the left is a negative number.

Release Angle

Vertical angle of the ball leaving the pitcher's hand, where an upward angle is positive (higher pitches or pitches with a large amount of negative vertical movement) and a downward angle is negative (pitches lower in the zone or traditionally higher positive vertical break).