









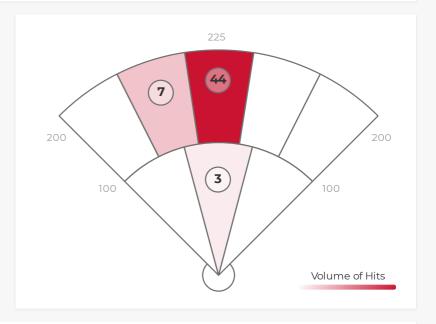
### DATA

	AVG	MAX	HARD HIT AVG
EXIT VELO	67.6	73.1	68.5
L. ANGLE	22.9	34.8	21.9
DIRECTION	-2.7	8.4	-3.8
DISTANCE	173	227	173
SPIN RATE	1250	3408	1141

BATTING AVG	.407
XWOBA	.593
SLUGGING	.648
HARD HIT %	87.0%
BOMBS %	53.7%
ROPES %	25.9%

#### **RAPSCORE**





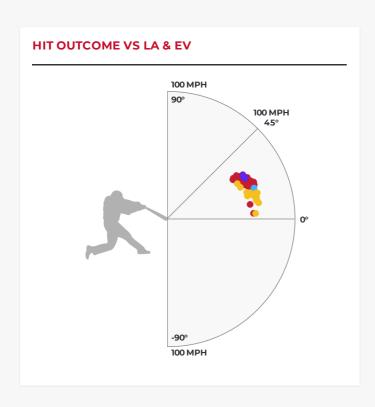
#### **ZONE BREAKDOWN**

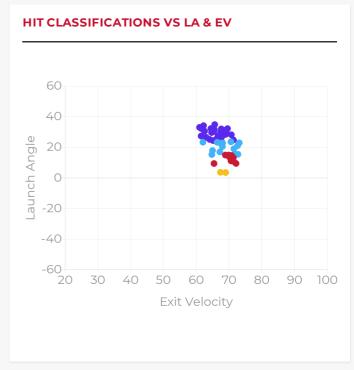
Zone	Volume of Hits	AVGLA	AVG EV	AVG RPM	AVG Distance
PULL	0/54	-	-	-	-
MIDDLE	54/54	23	68	1250	173
OPP0	0/54	-	-	-	-

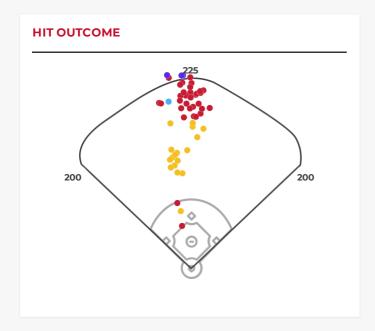


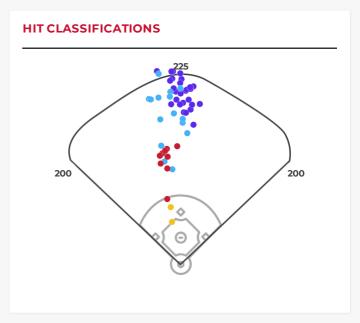
IIT OUTCO	OME			
Single	Double	Triple	Home Run	Field Out
31.5%	1.9%	0%	7.4%	59.3%

HIT CLASSIFICATIONS					
Dribbler	Ground	Low Line	High Line	Fly Ball	Pop Up
0%	3.7%	16.7%	27.8%	51.9%	0%





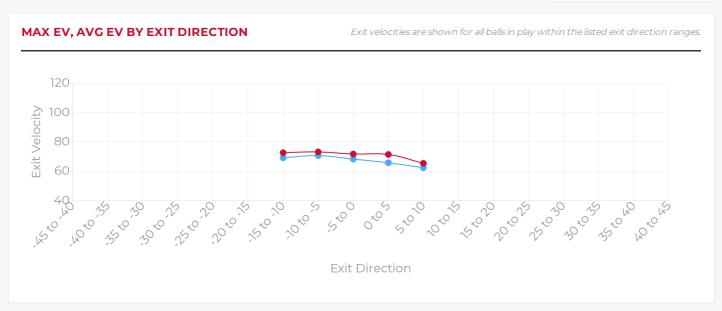


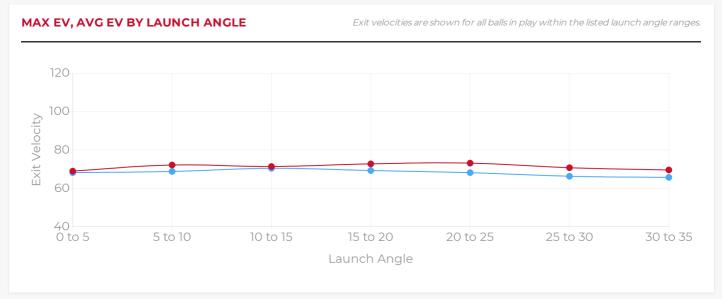


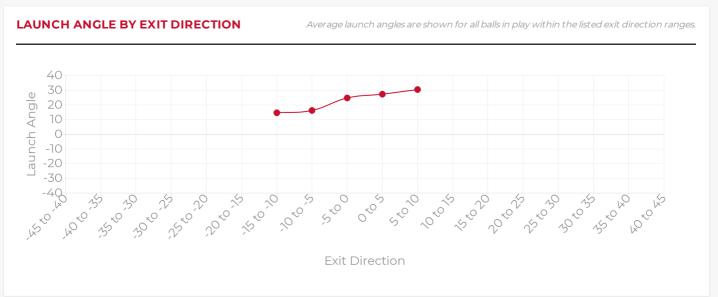


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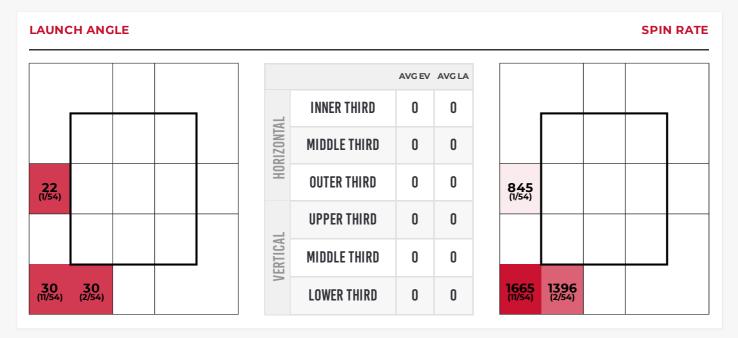


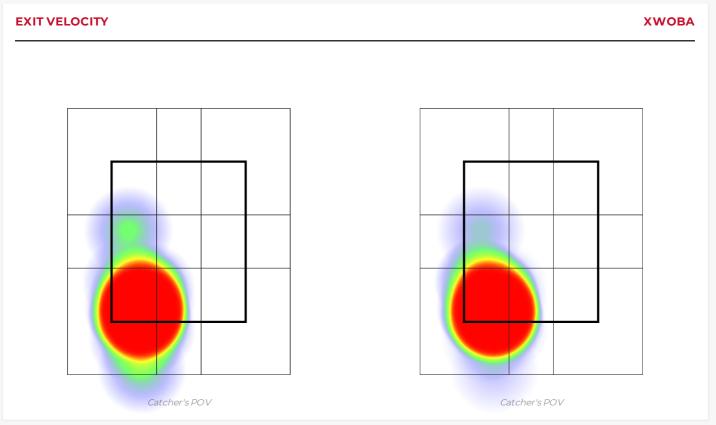






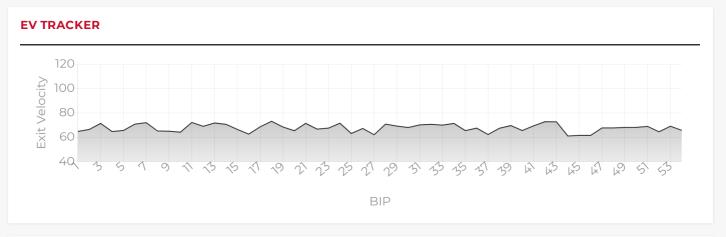
# **STRIKE ZONE BREAKDOWN**

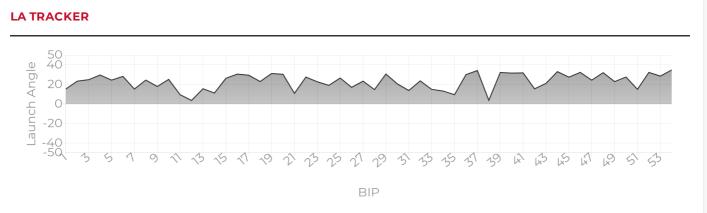


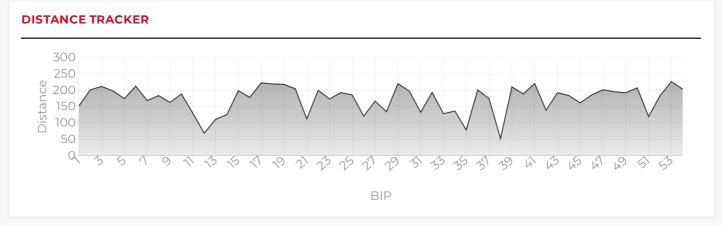


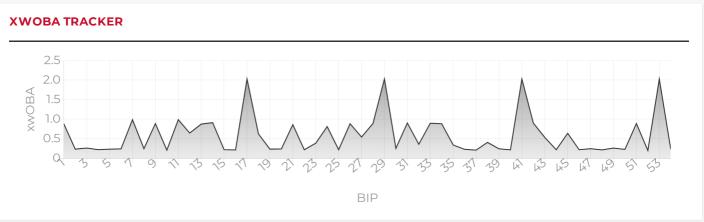


## **PROGRESS REPORTS**











**HAYDEN KYNE** 04.19.2022



#### **XWOBA**

Expected Weighted On Base Average is a term commonly used inside of the MLB taking Launch Angle and Exit Velocity to determine the Expected OBA and often compared to the Actual OBA. This provides a tool for Rapsodo to provide an instant analysis off of each BBE (Batted Ball Event). In the same way that each batted ball is assigned a Hit Classification, every batted ball has been given a single, double, triple and home run probability based on the results of comparable batted balls from MLB data — in terms of similar exit velocity and launch angle.

#### **BIP (BALLS IN PLAY)**

Any ball hit within a range of -45 to 45 degree Exit Direction.

#### **HARD HIT %**

Any ball hit within 10% of a player's Max Exit Velo.

#### **ROPES**

Any Hard Hit Ball (within 10% of a player's Max Exit Velo) and hit between 10 and 20 degree Launch Angle.

#### **BOMBS**

Any Hard Hit Ball (within 10% of a players Max Exit Velo) and Hit with a 20+ Launch Angle.

#### **HIT CLASSIFICATIONS**

**Dribbler:** A batted ball event with less than a O degree launch angle

Ground Ball: A batted ball event with a launch angle between O and 6 degrees

Low Line Drive: A batted ball event with a launch angle between 6 and 15 degrees

High Line Drive: A batted ball event with a launch angle between 15 and 24 degrees

Fly Ball: A batted ball event with a launch angle between 24 and 50 degrees

Pop Up: A batted ball event with a launch angle greater than 50 degrees