



Performance data
you can trust

Softball tracking technology

2024



FlightScope softball tracking technology is developed to offer you performance data you can trust in your pursuit of excellence.

We are a technology-driven company that is continuously exploring ways to improve our products and services for our customers.

FlightScope is dedicated to the softball industry and we hope that you will join us on your pursuit of improving performance through technology and data analytics.

A handwritten signature in black ink that reads "Henri Johnson".

HENRI JOHNSON

Founder, CEO

ABOUT FLIGHTSCOPE

FlightScope is the industry leader and pioneer in tracking and analyzing sports performance data. FlightScope was founded in 1989 when its proprietary technology was originally used to track projectiles for the defense industry. Turning its attention to the world of sports, FlightScope has introduced a variety of innovations to help improve athletic performance in multiple sports categories, including golf, tennis, baseball, softball, cricket, and more to come.

Renowned for accuracy and ease-of-use, FlightScope products represent the pinnacle of tracking technology, enabling players and coaches to measure and analyze every aspect of performance with unmatched accuracy.



FLIGHTSCOPE X3B



INTRODUCING X3B

A portable in-game tracking system that allows users to measure both pitching and hitting data indoors and outdoors.

FUSION TRACKING

An innovative combination of 3D Doppler tracking and synchronized image processing. FlightScope's patented Fusion Tracking technology is a world first, providing a realistic and accurate method for combining radar and camera data.



PORTABLE, NON-INTRUSIVE

Technology that accurately captures in-game and practice data in indoor and outdoor environments.

YOU OWN THE DATA

FlightScope Cloud provides data visualization and tables to facilitate player development and recruiting.

VIDEO INTEGRATION

Action video clips are automatically created from any camera source via FS Video Clipper and uploaded to FlightScope Cloud for review with session data.

X3B DATA

PITCHING DATA

- Pitch velocity
- Spin rate
- Pitch release vertical
- Pitch release horizontal
- Pitch spin direction
(degrees)
- Pitch tilt (clock)
- Release height
- Release side
- Extension
- Break induced vertical
- Break horizontal
- Break vertical
- Strike zone height
- Strike zone side
- Plate speed
- Approach angle vertical
- Approach angle horizontal
- Pitch time
- pfx_x • z₀ • a_x • p_z
- pfx_z • v_{x0} • a_y
- x₀ • v_{y0} • a_z
- y₀ • v_{z0} • p_x

HITTING DATA

- Exit velocity
- Launch angle vertical
- Launch angle horizontal
- Carry distance
- Flight time
- Hit landing side
- Hit landing forward

Swing
TRADITIONAL LAGER

Addition
FINANCIAL

ORLANDO
HEALTH

Jewett
Orthopaedic Institute

Chick-fil-A



FlightScope

Model: X3 Series
X3 Launch Monitor
New Features: Launch Monitor
Flight Data Monitor
Golf Ball Flight Monitor
From 12 MPH - 100 MPH Data Matrix

X3

FS SOFTBALL

Developed and designed with input from coaches and umpires, FS Softball enhances the user experience and drives player development.



Different Session Types

Review data and video from Game, Scrimmage, Bullpen, Batting Practice, or Live BP sessions.



Customizable Interface

Select up to a four tile layout with multiple on-screen combinations including radar data, cameras, stadium view, charts, and tagging.



Automatically Syncs Data

Game and Scrimmage data, as well as data from Bullpen, Batting Practice, and Live BP training sessions will automatically sync to FS Cloud.

FlightScope

Florida Southern Softball vs UCF Softball Game | 10/8/2022

Pitch view Threws Pitch Position Pitch Type Zone

All Single All All All All

Pitch Tagging Radar Camera

Pitch Result PA Result

Ball in Dirt Bunt

Pitch Tagging

Fastball

FA DB RI

Breaking balls

SL CU SC

Changeup

CH

Neutral

UI

Ball in Play

Field Out

Single Double Triple Home Run

Ground Ball Fly Ball Line Drive Pop Up

Reached on Error Fielder's Choice

Total Ball Innings Played Innings Available

Underhand

Radar Data

Pitch Velocity Spin Rate Break Induced (V) Break (in)

65.9 1092 -8.2 10.2

Pitch Tilt Extension Release Side Release Height

04:15 5'4" 0.6 R 14"

Carry Exit Speed Exit Launch (V)

149'11" 70.9 13.9°

Radar Data

Pitch Velocity Spin Rate Break Induced (V) Break (in)

64.9 883 -3.9 -9.2

Pitch Tilt Extension Release Side Release Height

08:15 5'4" 7.5 R 1'8"

Carry Exit Speed Exit Launch (V)

179'3" 62.8 31.6°

Strike Zone

Perspective Batter Pitcher

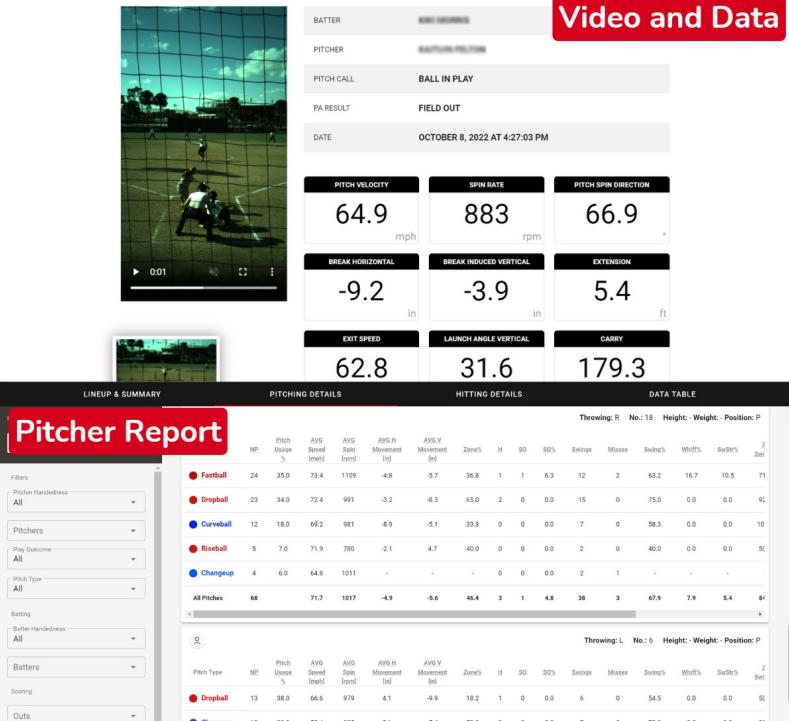
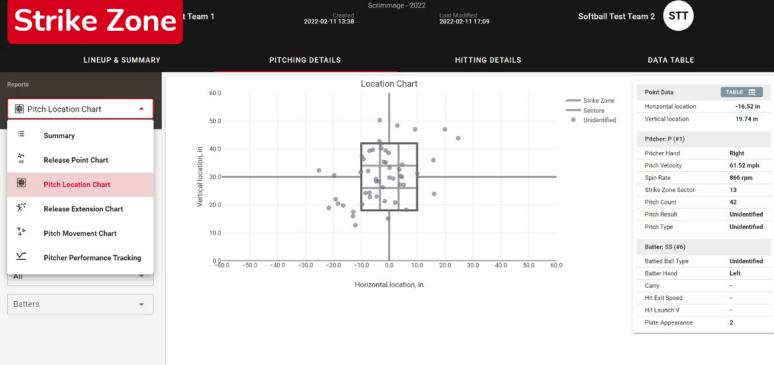
Stadium View

The image displays two laptop screens side-by-side, both running the FlightScope software for softball analysis. The left screen shows a detailed breakdown of a pitch from Florida Southern Softball, with radar data including velocity (65.9 mph), spin rate (1092 rpm), break induced (-8.2 in), and break distance (10.2 in). It also shows the pitch's path (149'11" carry, 70.9 mph exit speed, 13.9° exit launch angle). The right screen shows another pitch from UCF Softball with similar radar data (64.9 mph, 883 rpm, -3.9 in break, -9.2 in break). Both screens include a 'Strike Zone' diagram and a 'Stadium View' showing the ball's trajectory across a virtual baseball field. The software interface includes various filters for pitch type, zone, and player information.

FS CLOUD

Detailed player, game, team reporting and analysis.

The FlightScope Cloud online platform provides users with detailed feedback from Bullpen, Batting Practice, Live BP, Game, and Scrimmage sessions. Create a team development program using performance data analytics and reporting tools that you can trust.



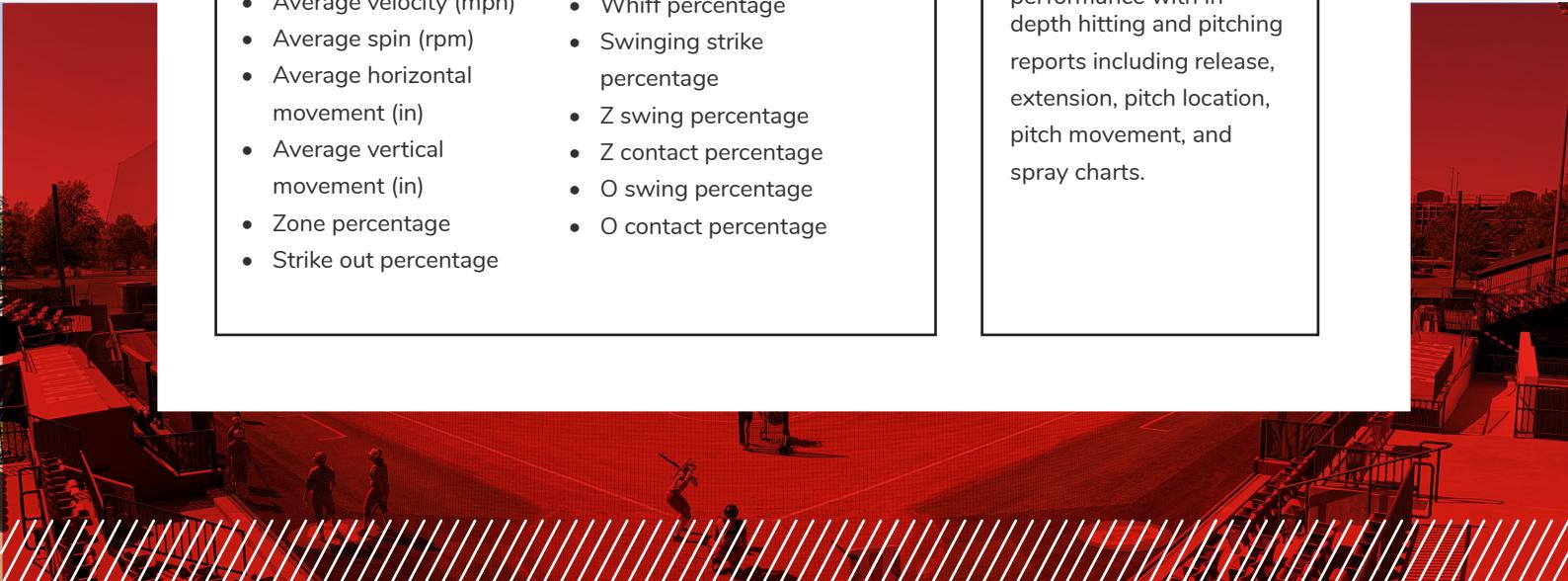
FLIGHTSCOPE CLOUD REPORTING

Game Reports

- Pitching summary
- Pitch usage percentage
- Average velocity (mph)
- Average spin (rpm)
- Average horizontal movement (in)
- Average vertical movement (in)
- Zone percentage
- Strike out percentage
- Swings and misses
- Swing percentage
- Whiff percentage
- Swinging strike percentage
- Z swing percentage
- Z contact percentage
- O swing percentage
- O contact percentage

Player Reports

Analyze player performance with in-depth hitting and pitching reports including release, extension, pitch location, pitch movement, and spray charts.



FLIGHTSCOPE VIDEO CLIPPER AND MULTICAM

FlightScope Video Clipper automatically clips videos, of any length, with side-by-side data that will be synchronized on the FlightScope Cloud for easy review.



Data and Video Combined

Review data and video from practice, bullpen, or in-game together on one screen.



Multiple Camera Angles

Record precise moments of action with multiple cameras to analyze player mechanics from different angles.



Customize Video Capture

Choose when each video is clipped to gather as much action before a hit or pitch for in-depth analysis.



FS MultiCam App

Connect up to two mobile devices to view different angles in FS Softball and FS Cloud, complete with side-by-side data from each pitch and hit.

Download for free from the [Apple App Store](#) or [Google Play Store](#)

Dashboard Sessions My Teams Video Library

Start New Session

Select session type



Game Sessions

Scrimmage

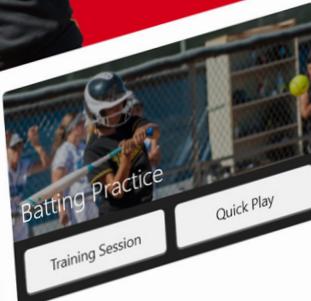
Game



Bullpen

Training Session

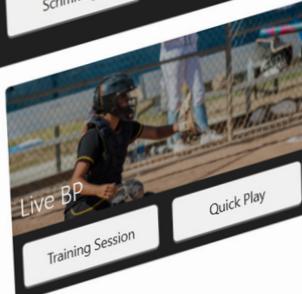
Quick Play



Batting Practice

Training Session

Quick Play



Live BP

Training Session

Quick Play

 View All Sessions

Last Sessions

Game | 10/8/2023 2:44:21 PM

✓ Synced

 Redo

 Review

PRACTICE AND IN-GAME TRACKING

FlightScope X3B is a portable in-game tracking system that allows users to measure both pitching and hitting data.



All players can be tagged for post-game review, analysis, and improved player development plans.



Tripod included for portable use in any environment, both indoors and outdoors.



All the data within FS Softball is saved and can be analyzed on FlightScope Cloud.

*FS Cloud add-on fees apply



FLIGHTSCOPE FIRSTS

1992

The world's first autonomous cricket bowling speed radar

2000

The first 3D Doppler radar in golf

2001

The first accurate tennis serve speed radar

2002

The first 3D Doppler radar for golf simulators – called “FlightScope TBox”

2003

The first 3D Doppler radar for golf driving ranges – called “FlightScope The Game,” including game software and in-bay TV monitors

2004

First to integrate 3D Doppler tracking into television broadcasts, as showcased at the 2004 Nedbank Golf Challenge and Battle at the Bridges exhibition match

2009

The FlightScope Prime was the first-ever wireless launch monitor for golf

2016

Patented Fusion Tracking: the first company to combine 3D Doppler tracking radar with synchronized image processing

2016

FlightScope Strike is the first portable multi-frequency 3D tracking radar for baseball and softball that provides hitting, pitching, and pop time analysis

2019

The first technology company to give users the ability to configure the impact of altitude, air temperature, humidity, wind speed, wind direction, and relative landing height with FS | EO, Environmental Optimizer



Pitch view

Throws

Pitch Position

Pitch Type

Zone

All

Single

All

All

All

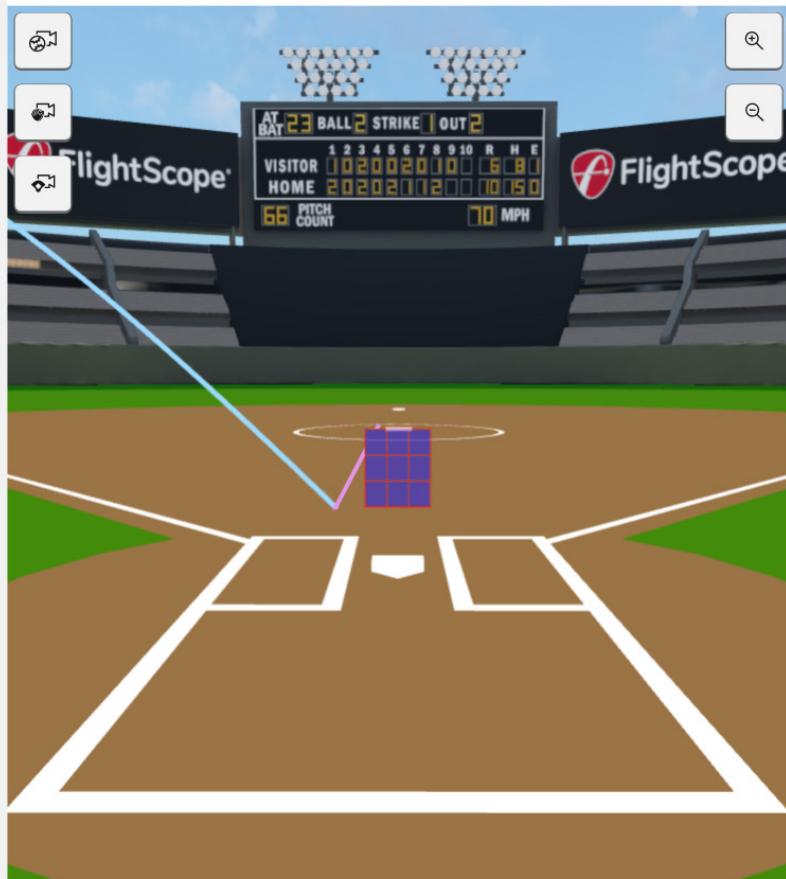
All

Clear

Radar Camera



Stadium View





MICHIGAN

WOLVERINES

2 6

ALUMNI FIELD

HIGHLIGHTS

- FlightScope technology is used at over 200 professional tennis events worldwide (ATP, WTA and ITF)
- FlightScope custom software used at Wimbledon since 1989
- Used worldwide by top golf instructors, PGA, and LPGA Tour players
- Exclusive data tracking for the International Cricket Council and the Women's Baseball World Cup
- Trusted and used by more than 100 universities across the United States
- ISO quality management accreditation
- GolfTest USA Seal of Excellence and Top Technology 100 Award for Excellence
- 2 Gold Stevie Awards for Best Consumer Product
- Two-time Best New Product winner for the American Baseball Coaches Association
- Providing technology and custom software on the European Tour for IMG Arena since 2019
- FlightScope Mevo+ received the 2021 Golf Digest Editors' Choice award
- FlightScope X3B won 2022 Best in Show at the American Baseball Coaches Association
- FlightScope wins 2022 tt100 Award for Excellence in the Management of Innovation
- FlightScope wins 2022 tt100 Greg Tosen Award for Excellence in the Management of Technology
- Mevo+ wins 2022 MYGOLFSPY Most Wanted Award



FlightScope®

Performance data you can trust



Contact

+1 407.967.7121
sales@flightscope.com
support@flightscope.com
softball.flightscope.com



FlightScopeSTBL



FlightScopeSoftball

