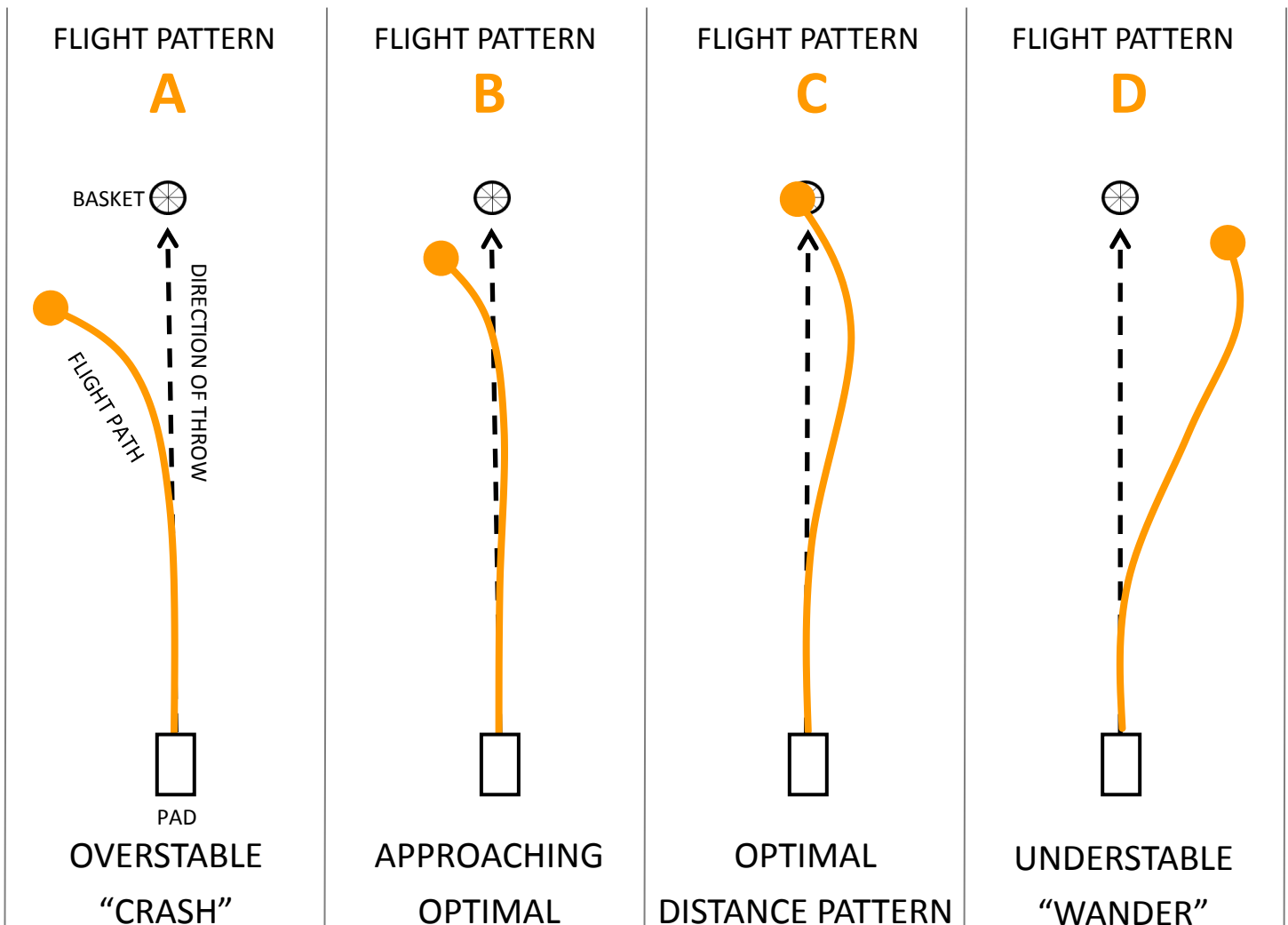


All discs (particularly distance drivers) generate different flight patterns based on the velocity with which they are thrown. Follow the following step to optimize your driver selection, flight distance, and usage strategy.

STEP 1: Identify your flight pattern

To do this, take your current primary driver to an open area on a day with **very little or no wind** and identify which of the below four flight patterns it produces for you when thrown at your normal “max distance” drive velocity.



STEP 2: Read and Adjust

Go to the following page associated with your current flight pattern to identify the best options for using your current disc and/or finding a new one that is a better fit for your game.

OVERSTABLE “CRASH”

DESCRIPTION

Disc flies straight in the direction thrown for a short time before beginning to turn right (RHBH / LHFH), followed by a sharp fade at the end of flight.

MOST PROBABLE CAUSE

Selected driver is **FAR too overstable** for your release velocity.

DISC ADJUSTMENT OPTIONS

Three Primary Options:

- (1) Select a less overstable driver and/or select a driver with a lower Speed rating. A good starting point is often reducing Speed and Turn by 2 points each
- (2) Reduce Disc weight to help increase release velocity. A good starting point may be a 25g reduction.
- (3) Combine the approaches above, reducing Speed and Turn by 1 point each and reducing weight by 15g

RELEASE MODIFICATIONS TO ADD DISTANCE

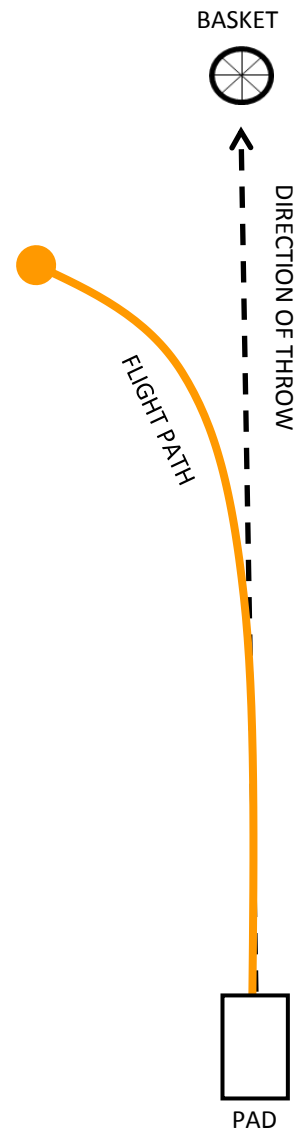
Add a slight Anhyzer angle to the release (outside edge of disc higher than inside edge) to help the disc turn-over during high-speed flight. This will extend the total time in flight, resulting in additional distance.

BEST USES FOR CURRENT DRIVER

With your current release velocity, this disc will provide very consistent (albeit short) flight patterns, and will be an excellent option for both hyzers and flex-shots.

FLIGHT PATTERN

A



OVERSTABLE “CRASH”

APPROACHING OPTIMAL

DESCRIPTION

Disc turns over slightly during high-speed flight before coming back left for a moderate ending Fade.

MOST PROBABLE CAUSE

Selected driver is **slightly too overstable** for your release velocity.

DISC ADJUSTMENT OPTIONS

Two Primary Options:

- (1) Select a less overstable driver and/or select a driver with a lower Speed rating. A good starting point is often reducing Speed and Turn by 1 point each
- (2) Reduce Disc weight to help increase release velocity. A good starting point may be a 15g reduction.

RELEASE MODIFICATIONS TO ADD DISTANCE

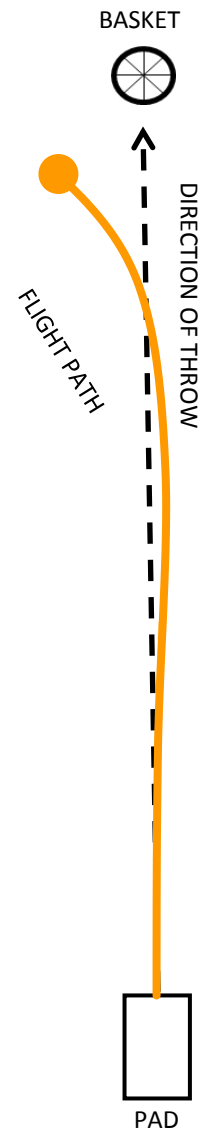
Add a very slight Anhyzer angle to the release (outside edge of disc higher than inside edge) to help the disc turn-over during high-speed flight. This will extend the total time in flight, resulting in additional distance.

BEST USES FOR CURRENT DRIVER

This disc should probably be used as your primary driver on windy days to provide extra consistency, particularly when throwing into headwinds.

FLIGHT PATTERN

B



APPROACHING OPTIMAL

OPTIMAL DISTANCE FLIGHT

DESCRIPTION

Disc turns over during high-speed flight, maximizing total time in flight before coming back left with a balancing Fade, resulting in a net-straight flight path.

MOST PROBABLE CAUSE

Disc is paired perfectly with your release velocity

DISC ADJUSTMENT OPTIONS

For even further flight, you may consider combining a slight increase in stability (1 point) with a slight decrease in weight (15g). Reducing the weight will increase your release velocity to add distance, and the increase in stability will handle the extra speed without causing an ‘Understable Wander.’

RELEASE MODIFICATIONS TO ADD DISTANCE

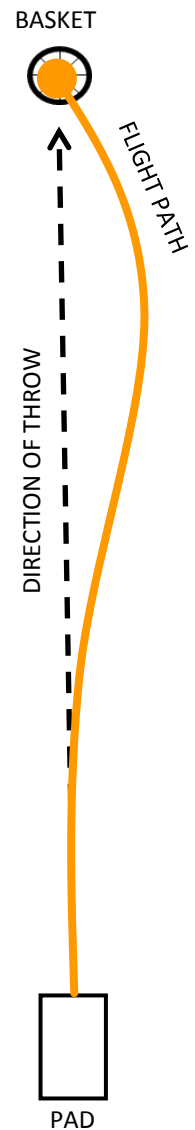
N/A

BEST USES FOR CURRENT DRIVER

This disc should probably be used as your primary driver on days with calm air or light winds.

FLIGHT PATTERN

C



OPTIMAL

UNDERSTABLE “WANDER”

DESCRIPTION

Disc begins to turn over almost immediately and strongly pulls left, with very little “comeback” Fade at the end of flight.

MOST PROBABLE CAUSE

Disc is too understable and/or lightweight for your release velocity.

DISC ADJUSTMENT OPTIONS

Two Primary Options:

- (1) Select a more overstable driver. Depending on the severity of the excessive turnover, this could require a 1 to 4 point increase in Turn.
- (2) Increase Disc Speed by 1-3 points.

Note: Increasing disc weight can also reduce the amount of turnover, but it will also reduce release velocity, possibly resulting in even shorter flights (not recommended!)

RELEASE MODIFICATIONS TO ADD DISTANCE

Adding a slight to moderate hyzer angle at release will help prevent excessive turnover, and can also produce a “Hyzer Flip”, resulting in a very long, straight flight.

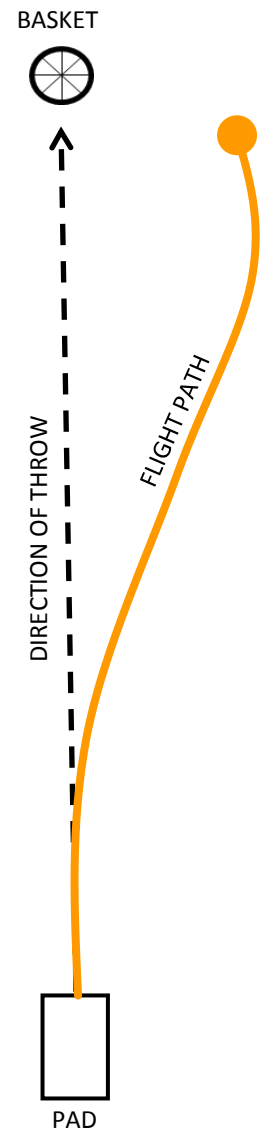
BEST USES FOR CURRENT DRIVER

Ideal for sweeping Anhyzers and Hyzer Flips. Will also provide extremely long optimized flight patterns when thrown with a tailwind.

When thrown with anhyzer, this disc could also serve as an excellent roller disc!

FLIGHT PATTERN

D



UNDERSTABLE “WANDER”

UNDERSTABLE “WANDER”

DESCRIPTION

Disc begins to turn over almost immediately and strongly putts left, with very little “comeback” Fade at the end of flight.

MOST PROBABLE CAUSE

Disc is too understable and/or lightweight for your release velocity.

DISC ADJUSTMENT OPTIONS

Two Primary Options:

- (1) Select a more overstable driver. Depending on the severity of the excessive turnover, this could require a 1 to 4 point increase in Turn.
- (2) Increase Disc Speed by 1-3 points.

Note: Increasing disc weight can also reduce the amount of turnover, but it will also reduce release velocity, possibly resulting in even shorter flights (not recommended!)

RELEASE MODIFICATIONS TO ADD DISTANCE

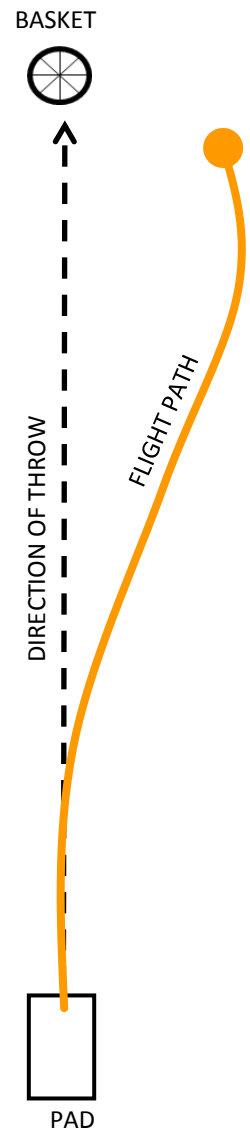
Adding a slight to moderate hyzer angle at release will help prevent excessive turnover, and can also produce a “Hyzer Flip”, resulting in a very long, straight flight.

BEST USES FOR CURRENT DRIVER

Ideal for sweeping Anhyzers and Hyzer Flips. Will also provide extremely long optimized flight patterns when thrown with a tailwind.

FLIGHT PATTERN

D



UNDERSTABLE “WANDER”

STEP 3: CONTACT US!

We are always happy to help our subscribers improve their game. Just reach out to us any time using our [Contact Page](#) with any specific questions.

Best Wishes,

Bart Bird

Bart Bird

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