



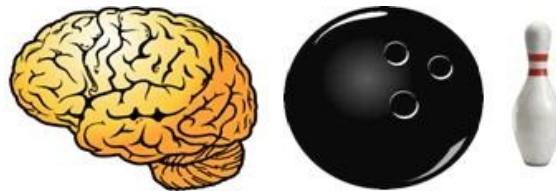
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# Bowlology

Hi, my name is Josh Hyde. I have been doing a bowling newsletter since 2008. One of the features in my bowling newsletter is called Bowlology. This part of my newsletter covers the physical aspect of the game of bowling. There are a number of bowlers who do not understand the basics of the sport. The information in this book covers everything from the perfect strike to the pendulum swing. There is something for every bowler in this book. Please enjoy as you learn about the great sport of bowling.

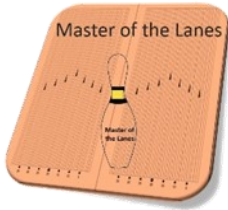
My dad, Roger Hyde, was a PBA member back in the 80s. Since then, he has dropped his card. At the time, I was a little too young to understand how my Dad was a part of the sport of bowling. He owned and was a pro-shop operator for nearly 15 years. Classic Products of Fort Wayne, Indiana, was my Dad's team sponsor of the traveling league. At the 1993 Bud Light PBA Regional in Fort Wayne, my dad qualified third as a non-member. The next day, he would beat Scott Devers, Eugene McCune and the champion of the tournament—Troy Stus. Three years later, he would get the opportunity to bowl in the U.S. Open won the amateur part of the U.S. Open.

I have had the opportunity of receiving my Bronze Certification and Silver Coaching Certification from the USBC. During my bowling career, I have been fortunate enough to have bowled five 300 games and a 837 series. There have been three great moments in my bowling career: bowling a perfect game, becoming a PBA honorary member (see my card below) and becoming a PBA Hall of Fame Committee member. Applying my knowledge of the sport of bowling has given me opportunities that I never dreamt of. I hope bowling fans and bowlers alike enjoy this book as much as I have enjoyed writing it.



# BOWLOLOGY





# Master of the Lanes

Volume 15 Issue 10

A Bowlologist is known as the Master of the Lanes who captains the Keglers and must know 80% of all the Kegler categories. A Kegler knows that they were specialists and knew what the expectations were. In Bowlology terminology, a Kegler is an expert in a specific bowling category and knows at least 80% of that category. A person needs to score 80% overall to become a bowlologist with a score of 560 out 700. If a person scores a 560 out of 700. Each Question is worth 5 points. Good Luck and High Scoring (Reference color key below for bowling categories.)

Equipment History **GRAY**

PBA History **RED**

BPAA History **BROWN**

Bowling History **GREEN**

USBC History **BLUE**

PBA History 80% of the questions need to be answered correctly to be a specialist in this field	Equipment History-80% of the questions need to be answered correctly to be a specialist in this field.	BPAA History-80% of the questions need to be answered correctly to be
USBC History-80% of the questions need to be answered correctly to be a specialist in this field	Bowling History-80% of the questions need to be answered correctly to be specialist in this field.	

Name: \_\_\_\_\_ Email: \_\_\_\_\_ PBA#: \_\_\_\_\_  
 High Series: \_\_\_\_\_ High game or #300s: \_\_\_\_\_ USBC#: \_\_\_\_\_

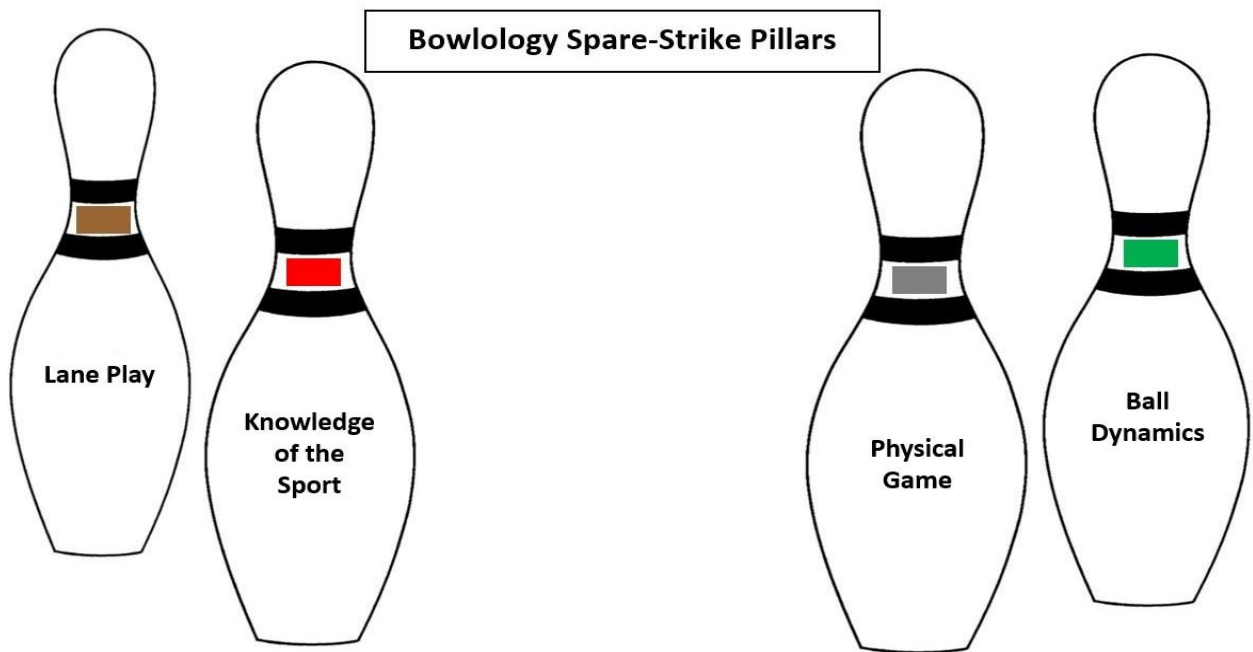
Balls - Questions	Lanes - Category	Pins - Response
Player who became the first two-time TOC champion.	PBA History	Jim Godman
First Player to bowl a 300 in USBC Open Championship	USBC History	Billy Knox
First Bowling Ball Company	Equipment History	Brunswick
First Bowler to surpass 1 million	PBA History	Earl Anthony
First Bowler to win with the resin reactive ball.	Equipment History	Marc McDowell
First Three Time Tournament of Champions winner	PBA History	Mike Durbin
Oldest Bowling Publication	Bowling History	Bowlers Journal International
First Four Time Tournament of Champions Winner	PBA History	Jason Belmonte
Youngest Bowler to win a PBA Major	PBA History	Anthony Simonsen
Longest Running Bowling Organization in History	Bowling History	United States Bowling Congress
Youngest Bowler to win PBA Majors	PBA History	Anthony Simonsen
Youngest Bowler to win three majors	PBA History	Anthony Simonsen
Youngest Bowler to win four majors	PBA History	Anthony Simonsen
First Bowler to bowl a USBC sanctioned 900 series	USBC History	Jeremy Sonnenfeld
First Bowler to defend the USBC Masters Title	USBC History	Dick Hoover

# Spare Strike Pillars

Volume 15 Issue 10

When Bowlology was founded in November of 2011, the Josh Hyde's Bowling Newsletter wanted to give bowlers some knowledge of the sport. These spare- strike pillars are essential to Bowlology in that they are the four pillars that a Bowlologist will need in order to help bowlers, coaches, and pro-shop operators.

- The First Pillar is Knowledge of the Sport which involves split making, makeable splits, lane courtesy, the perfect strike, score-keeping, playing field, pin knowledge, pin carry, and general bowling knowledge.
- The Second Pillar is the Physical Game. If a bowler does not have a solid foundation, he or she is not going to be able to execute in every frame. Timing puts away the trail leg, the finish position, and the arm swing. These are the main attributes of a bowler's physical game.
- The Third Pillar is Lane Play which is how the bowler plays the lanes making hand position and speed adjustments. In most sports, the athletes are not going to have to worry about the surface of the field. However, in bowling, bowlers do have to know what the lanes are doing in order to be a contender in a league match. The same holds true when Jason Belmonte needs a strike to win the U.S Open. Lane play is a big portion of a bowler's game.
- The Final Pillar is Ball Dynamics. This is where the bowler and the pro-shop operator need to be on the same page. Each bowler is different. If a pro bowler wins a Major and Joe Bowler wants to use the same ball with the same layout and surface, more than likely Joe Bowler will not have the same results as the pro bowler due to differences in their game. They may use the same ball except with a different layout and surface. This is why it is so important for the pro-shop operator to know Joe Bowler's game. Pro-shop operators generally know the dynamics of the bowling ball. Ideally, the bowler needs to find a pro-shop operator that has some coaching experience. If he/she has a pro-shop operator and a coach, all three need to come up with a game plan so that the bowler can be successful on the lanes. These four Bowlology Spare-Strike Pillars will enable bowlers, coaches, and pro-shop operators to identify bowling knowledge.



# Open, Spare, Strike Method

## Bowlologist Problem-Solving Chart

<u>Open</u>	<u>Spare</u>	<u>Strike</u>
Bowler falls off balance at the foul line	Physical Game	Frame 2
Bowler cannot identify his PAP	Ball Dynamics	Frame 3
Bowler is muscling the ball	Physical Game	Frame 2
Bowler is not choosing the right ball	Lane Play and/or Ball Dynamics	Frames 3 thru 5
Bowler misses spares	Knowledge of the Sport	Frame 1
Bowler is not using the correct surface on the ball	Ball Dynamics	Frame 3 & 5
Bowler is not reading the lanes right	Lane Play	Frame 4
Bowler is using the wrong layout	Ball Dynamics	Frame 3
Bowler is playing in the wrong area on the lane	Lane Play	Frame 4
Bowler is leaving the ten pin and is unable to string strikes	Lane Play	Frame 4
Bowler fails to acknowledge bowlers on adjacent lanes	Knowledge of the Sport	Frame 1
Bowler stands in the same spot every frame and does not adjust	Lane Play	Frame 4
Bowler bowls well on specific pattern but has trouble bowling on other patterns	Lane Play	Frame 4
Bowler misses double wood spares	Knowledge of the Sport	Frame 1

This chart is for Bowlologists to use as a reference to help other bowlers.

The "Open" represents the problem.

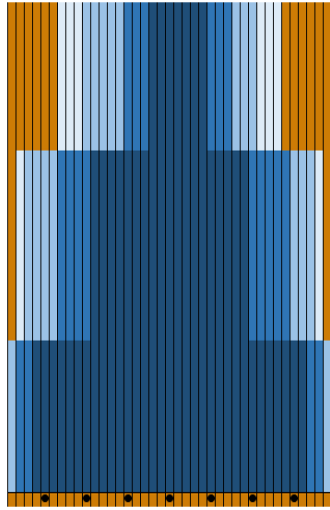
The "Spare" represents the four key areas - Knowledge of the Sport, Physical Game, Ball Dynamics and Lane Play.

The "Strike" refers to the specific frame(s) in the Bowlology book.

The Spare-Strike Pillar is what a Bowlologist needs to become a coach in the program. In order to help bowlers in the sport of bowling, Bowlologist Josh Hyde has categorized multiple aspects of bowling into four general areas. These areas are Knowledge of the Sport, Physical Game, Lane Play and Ball Dynamics. This may sound simple at first; however, it is more involved. Bowlers, coaches, and pro-shop operators can improve their knowledge of the sport of bowling in this program. Bowlologist Josh Hyde came up with unique way of using bowling terms to identify problems and trouble-shooting with the open spare-strike system. The open represents the problem the bowler may have. The Spare is one of the four pillars and the Strike represents the chapter of the Bowlology book in which that problem can be found.

# Bowlologist Invents Tools of the Trade

Volume 15 Issue 10

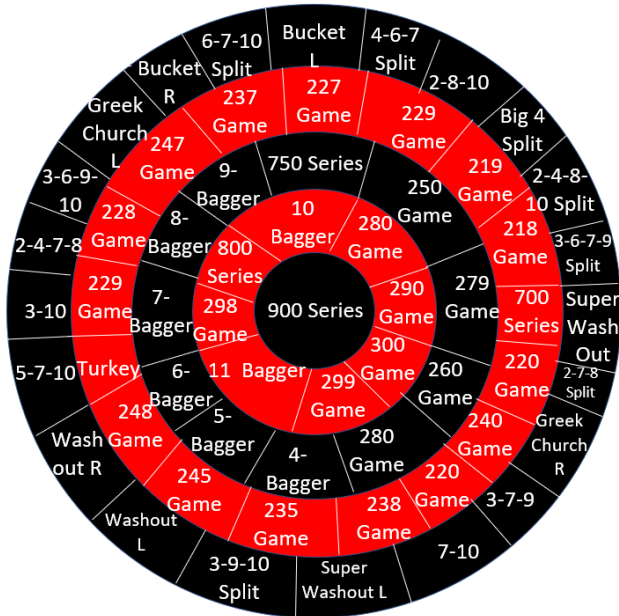


**12:1 House Patterns** – high variation of oil density from side to middle with most oil in the middle

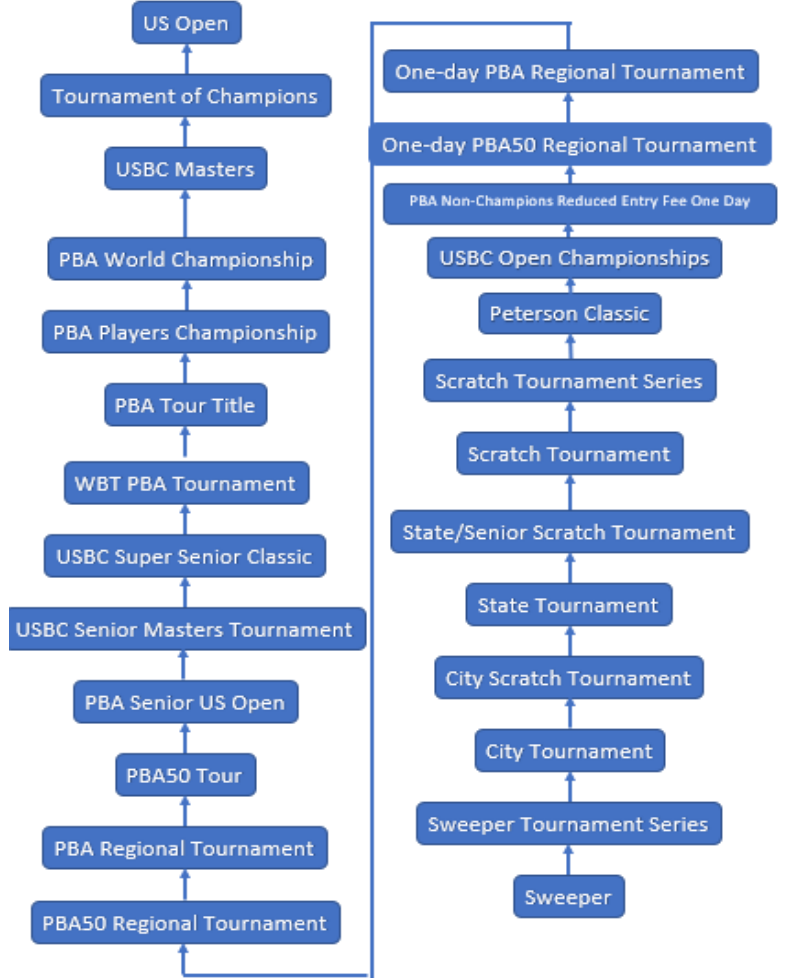
**3:1 PBA Patterns** – Oil is present on most boards but still a higher density in the middle

**1:1 Flat Patterns** - Oil is present on all board gutter-to-gutter. U.S Open Pattern

## Bowlers' Mark



## Tournament Hierarchy



Tournaments	PBA Majors	PBA Titles	PBA Stats	Awards	Event Patterns	HoF Patterns	Animal Patterns
Regional	11 Majors Jason Belmonte						Cheetah
PBA50 Tour	3 TOC M Durbin and J Couch	6 decades with a title - Petraglia, D Weber	64-GAME BLOCK 14,924 Parker Bohn III			Johnny Petralgia	Chameleon
PBA Tour	5 US Open P Weber	185 CRA TV Appearance	Youngest to win - Norm Duke			Don Carter	Scorpion
PBA World Championship	4 Masters - Belmonte	8 Titles in a season M Roth Sullins	Oldest to win - John Handegard	Mark Roth MVP	US Open	Don Johnson	Shark
PBA Players Championship	6 Triple Crown	22 PBA50 Regional H	840 PBA tour events - Tom Baker	Career earnings	TOC	Mark Roth	Wolf
TOC	2 Grand Slam - Aubly, N Duke	51 Regional Titles - Chris Warren, P Weber	107 Perfect games in Tournament Bohn	PBA High Average	Masters	Earl Anthony	Bear
Masters	1 Super Slam Winner - M Aubly	107 titles Williams Jr.	Career Earnings - Walter Ray Williams Jr	Hall of Fame	World Championship Players	Carmen Salvino	Badger
US Open					Championship	Dick Weber	Dragon

Bowlers HoF	Bowlers HoF	Bowlers HoF	Bowlers HoF	Bowlers HoF	Bowlers HoF	Bowlers HoF	Bowlers HoF	Bowlers HoF	Bowlers HoF
Parker Bohn III	Marshall Holman	Don Johnson	Norm Duke	Mike Aubly	Mark Roth	Pete Weber	Dick Weber	Walter Ray Williams Jr	Earl Anthony
Jason Couch	Dave Husted	Chris Barnes	Billy Hardwick	Mike Durbin	Dave Davis	Carmen Salvino	Don Carter	Johnnie Petralgia	Amelto Monacelli
Francis Lavoie	Kyle Troup	Wes Malott	Bill O'Neill	Anthony Simonsen	Jacob Butturff	Tommy Jones	Jesper Svesson	EJ Tackett	Jason Belmonte

# Bowlology Book Cover



## BOWLOLOGY

USBC Silver Coach

Balls + Lanes + Pins = Bowling 39 rounds X 60' = Dimensions of the Lane

X	X	X
300		



“Bowlology” — the study of bowling with the desired result being that the student gains more knowledge of and more respect for the sport.

	Tournaments	PBA Majors	PBA Titles	PBA Stats	Awards	Event Patterns	Roll Patterns	Animal Patterns
Regional								
World Tour								
NBA Tour								
USA Tour								
PBA Players								
USA Tour								
USA Tour								
USA Tour								
USA Tour								
USA Tour								
USA Tour								
USA Tour								
USA Tour								
USA Tour								
USA Tour								
USA Tour								
USA Tour								
USA Tour								
USA Tour								
USA Tour								
USA Tour								
USA Tour								

Region	World Tour	USA Tour	USA Tour	USA Tour	USA Tour	USA Tour	USA Tour	USA Tour	USA Tour	USA Tour
USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA
USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA
USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA
USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA
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USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA
USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA