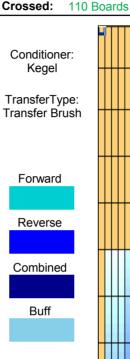
WTBA Beijing

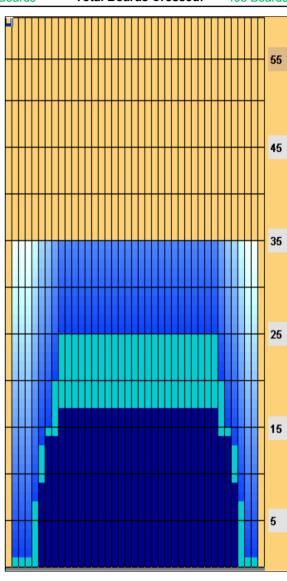


Oil Pattern Distance: 35 Feet **Reverse Brush Drop:** 28 Feet Oil Per Board: 50 uL **Forward Oil Total: Reverse Oil Total: Volume Oil Total:** 19.4 mL 5.5 mL 24.9 mL Forward Boards Crossed: 388 Boards **Reverse Boards Crossed: Total Boards Crossed:** 498 Boards

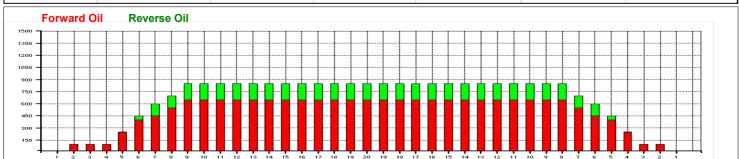


4	\longleftrightarrow	∐ Forw	ard R	everse	More				
4	Start	Stop	Loads	Speed	Crossed	Start	End	Feet	T.Oil
1	2L	2R	0	30	0	35.0	17.0	-18.0	0
2	9L	8R	1	18	24	17.0	14.5	-2.5	1200
3	7L	6R	2	18	56	14.5	9.4	-5.1	2800
4	6L	5R	1	18	30	9.4	6.9	-2.5	1500
5	2L	2R	0	14	0	6.9	0.0	-6.9	0
14	\longleftrightarrow	Forw	ard R	everse	More				





Item	3L-7L:18L-18R	8L-12L:18L-18R	13L-17L:18L-18R	18L-18R:17R-13R	18L-18R:12R-8R	18L-18R:7R-3R
Description	Outside Track:Middle	Middle Track:Middle	Inside Track:Middle	Middle: Inside Track	Middle:Middle Track	Middle:Outside Track
Track Zone Ratio	2.83	1.04	1	1	1	2.02





USBC Sport Bowling Calculations

Center;		WTBA Beijing 35'	Country_		
Lane	1		Tournament_		
Pattern Na	ıme	WTBA Beijing 35'	Date	10/11/2010	
Pattern D	istance	35'	_		

Board 22 33 12 8.2 3.9 13 8.5 4.0 14 12.9 6.4 15 23.6 10.3 16 29.9 13.4 1.7 18.9 18 47.5 21.8 19 48.8 21.5 110 51.9 22.4 111 49.1 20.0 112 51.8 21.5 113 53.4 21.6 114 56.4 24.3 1.15 53.3 22.6 1.15 53.3 22.6 1.16 1.17 52.9 22.0 1.18 54.3 23.1 1.19 54.6 21.8 C20 50.9 20.9 20.9 1.18 54.3 23.1 1.19 54.6 21.8 C20 50.9 20.9 21.7 R18 54.5 22.8 R17 53.5 20.4 R16 52.9 21.8 R15 55.5 22.7 R14 56.1 24.2 R13 55.6 23.5 R12 53.9 21.9 R11 53.0 22.8 R10 54.4 23.9 R8 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7 R4 18.4 R3 R3 11.1 4.7 R4 R4 R4 R3 R4 R4 R4 R4		ristance	
L2 8.2 3.9 L3 8.5 4.0 L4 12.9 6.4 L5 23.6 10.3 L6 29.9 13.4 L7 41.7 18.9 L8 47.5 21.8 L9 48.8 21.5 L10 51.9 22.4 L11 49.1 20.0 L12 51.8 21.6 L13 53.4 21.6 L14 56.4 24.3 L15 53.3 22.6 L16 53.9 21.3 L17 52.9 22.0 L18 54.3 23.1 L19 54.6 21.8 C20 50.9 20.9 R19 55.0 21.7 R18 54.5 22.8 R17 53.5 20.4 R16 52.9 21.8 R17 53.0 22.8 R10 54.4 23.9 R8 53.5 24.5 R7 48.6 20.6 R6 38.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7			
L3 8.5 4.0 L4 12.9 6.4 L5 23.6 10.3 L6 29.9 13.4 L7 41.7 18.9 L8 47.5 21.8 L9 48.8 21.5 L10 51.9 22.4 L11 49.1 20.0 L12 51.8 21.6 L13 53.4 21.6 L14 56.4 24.3 L15 53.3 22.6 L16 53.9 21.3 L17 52.9 22.0 L18 54.3 23.1 L19 54.6 21.8 C20 50.9 20.9 R19 55.0 21.7 R18 54.5 22.8 R17 53.5 20.4 R16 52.9 21.8 R17 53.5 20.4 R18 48 23.9 R8 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7			
L4 12.9 6.4 L5 23.6 10.3 L6 29.9 13.4 L7 41.7 18.9 L8 47.5 21.8 L9 48.8 21.5 L10 51.9 22.4 L11 49.1 20.0 L12 51.8 21.5 L13 53.4 21.6 L14 56.4 24.3 L15 53.3 22.6 L16 53.9 21.3 L17 52.9 22.0 L18 54.3 23.1 L19 54.6 21.8 C20 50.9 20.9 R19 55.0 21.7 R18 54.5 22.8 R17 53.5 20.4 R16 52.9 21.8 R15 55.5 22.7 R14 56.1 24.2 R13 55.6 23.5 R12			
L5 23.6 10.3 L6 29.9 13.4 L7 41.7 18.9 L8 47.5 21.8 L9 48.8 21.5 L10 51.9 22.4 L11 49.1 20.0 L12 51.8 21.6 L13 53.4 21.6 L14 56.4 24.3 L15 53.3 22.6 L16 53.9 21.3 L17 52.9 22.0 L18 54.3 23.1 L19 54.6 21.8 C20 50.9 20.9 R19 55.0 21.7 R18 54.5 22.8 R17 53.5 20.4 R16 52.9 21.8 R17 53.5 24.5 R1 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7			
L6 29.9 13.4 L7 41.7 18.9 L8 47.5 21.8 L9 48.8 21.5 L10 51.9 22.4 L11 49.1 20.0 L12 51.8 21.5 L13 53.4 21.6 L14 56.4 24.3 L15 53.3 22.6 L16 53.9 21.3 L17 52.9 22.0 L18 54.3 23.1 L19 54.6 21.8 C20 50.9 20.9 R19 55.0 21.7 R18 54.5 22.8 R17 53.5 20.4 R16 52.9 21.8 R15 55.5 22.7 R14 56.1 24.2 R13 56.6 23.5 R12 53.9 21.9 R11 53.0 22.8 R10			
L8 47.5 21.8 L9 48.8 21.5 L10 51.9 22.4 L11 49.1 20.0 L12 51.8 21.5 L13 53.4 21.6 L14 56.4 24.3 L15 53.3 22.6 L16 53.9 21.3 L17 52.9 22.0 L18 54.3 23.1 L19 54.6 21.8 C20 50.9 20.9 R19 55.0 21.7 R18 54.5 22.8 R17 53.5 20.4 R16 52.9 21.8 R15 55.5 22.7 R14 56.1 24.2 R13 55.6 23.5 R12 53.9 21.9 R11 53.0 22.8 R10 54.4 23.9 R8 53.5 24.5 R7		23.6	10.3
L8 47.5 21.8 L9 48.8 21.5 L10 51.9 22.4 L11 49.1 20.0 L12 51.8 21.5 L13 53.4 21.6 L14 56.4 24.3 L15 53.3 22.6 L16 53.9 21.3 L17 52.9 22.0 L18 54.3 23.1 L19 54.6 21.8 C20 50.9 20.9 R19 55.0 21.7 R18 54.5 22.8 R17 53.5 20.4 R16 52.9 21.8 R15 55.5 22.7 R14 56.1 24.2 R13 55.6 23.5 R12 53.9 21.9 R11 53.0 22.8 R10 54.4 23.9 R8 53.5 24.5 R7	L6	29.9	13.4
L9 48.8 21.5 L10 51.9 22.4 L11 49.1 20.0 L12 51.8 21.6 L13 53.4 21.6 L14 56.4 24.3 L15 53.3 22.6 L16 53.9 21.3 L17 52.9 22.0 L18 54.3 23.1 L19 54.6 21.8 C20 50.9 20.9 R19 55.0 21.7 R18 54.5 22.8 R17 53.5 20.4 R16 52.9 21.8 R15 55.5 22.7 R14 56.1 24.2 R13 55.6 23.5 R12 53.9 21.9 R11 53.0 22.8 R10 54.4 23.9 R8 53.5 24.5 R7 48.6 20.6 R6		41.7	18.9
L10 51.9 22.4 L11 49.1 20.0 L12 51.8 21.5 L13 53.4 21.6 L14 56.4 24.3 L15 53.3 22.6 L16 53.9 21.3 L17 52.9 22.0 L18 54.3 23.1 L19 54.6 21.8 C20 50.9 20.9 R19 55.0 21.7 R18 54.5 22.8 R17 53.5 20.4 R16 52.9 21.8 R15 55.5 22.7 R14 56.1 24.2 R13 55.6 23.5 R12 53.9 21.9 R11 53.0 22.8 R10 54.4 23.9 R11 53.0 22.8 R10 54.4 23.9 R1 54.5 23.0 R8 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7		47.5	21.8
L11 49.1 20.0 L12 51.8 21.5 L13 53.4 21.6 L14 56.4 24.3 L15 53.3 22.6 L16 53.9 21.3 L17 52.9 22.0 L18 54.3 23.1 L19 54.6 21.8 C20 50.9 20.9 R19 55.0 21.7 R18 54.5 22.8 R17 53.5 20.4 R16 52.9 21.8 R17 53.5 20.4 R16 52.9 21.8 R15 55.5 22.7 R14 56.1 24.2 R13 55.6 23.5 R12 53.9 21.9 R11 53.0 22.8 R10 54.4 23.9 R1 54.4 23.9 R1 55.5 22.7 R1 53.0 22.8 R10 54.4 23.9 R1 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7		48.8	21.5
L12 51.8 21.6 L13 53.4 21.6 L14 56.4 24.3 L15 53.3 22.6 L16 53.9 21.3 L17 52.9 22.0 L18 54.3 23.1 L19 54.6 21.8 C20 50.9 20.9 R19 55.0 21.7 R18 54.5 22.8 R17 53.5 20.4 R16 52.9 21.8 R17 53.0 22.8 R10 54.4 23.9 R11 53.0 22.8 R10 54.4 23.9 R1 54.4 23.9 R1 54.4 23.9 R1 54.4 23.9 R1 55.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7	L10	51.9	22.4
L13 53.4 21.6 L14 56.4 24.3 L15 53.3 22.6 L16 53.9 21.3 L17 52.9 22.0 L18 54.3 23.1 L19 54.6 21.8 C20 50.9 20.9 R19 55.0 21.7 R18 54.5 22.8 R17 53.5 20.4 R16 52.9 21.8 R17 53.5 20.4 R16 52.9 21.8 R15 55.5 22.7 R14 56.1 24.2 R13 55.6 23.5 R12 53.9 21.9 R11 53.0 22.8 R10 54.4 23.9 R9 54.3 23.0 R8 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7	L11	49.1	20.0
L14 56.4 24.3 L15 53.3 22.6 L16 53.9 21.3 L17 52.9 22.0 L18 54.3 23.1 L19 54.6 21.8 C20 50.9 20.9 R19 55.0 21.7 R18 54.5 22.8 R17 53.5 20.4 R16 52.9 21.8 R15 55.5 22.7 R14 56.1 24.2 R13 55.6 23.5 R12 53.9 21.9 R11 53.0 22.8 R10 54.4 23.9 R9 54.3 23.0 R8 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 R3 11.1 4.7	L12	51.8	21.5
L15 53.3 22.6 L16 53.9 21.3 L17 52.9 22.0 L18 54.3 22.1 L19 54.6 21.8 C20 50.9 20.9 R19 55.0 21.7 R18 54.5 22.8 R17 53.5 20.4 R16 52.9 21.8 R15 55.5 22.7 R14 56.1 24.2 R13 55.6 23.5 R12 53.9 21.9 R11 53.0 22.8 R10 54.4 23.9 R11 53.0 22.8 R10 54.4 23.9 R10 54.4 23.9 R20 54.3 23.0 R8 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7		53.4	21.6
L15 53.3 22.6 L16 53.9 21.3 L17 52.9 22.0 L18 54.3 22.1 L19 54.6 21.8 C20 50.9 20.9 R19 55.0 21.7 R18 54.5 22.8 R17 53.5 20.4 R16 52.9 21.8 R15 55.5 22.7 R14 56.1 24.2 R13 55.6 23.5 R12 53.9 21.9 R11 53.0 22.8 R10 54.4 23.9 R11 53.0 22.8 R10 54.4 23.9 R10 54.4 23.9 R20 54.3 23.0 R8 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7	L14	56.4	24.3
L17 52.9 22.0 L18 54.3 23.1 L19 54.6 21.8 C20 50.9 20.9 R19 55.0 21.7 R18 54.5 22.8 R17 53.5 20.4 R16 52.9 21.8 R15 55.5 22.7 R14 56.1 24.2 R13 55.6 23.5 R12 53.9 21.9 R11 53.0 22.8 R10 54.4 23.9 R10 54.4 23.0 R8 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7		53.3	22.6
L17 52.9 22.0 L18 54.3 23.1 L19 54.6 21.8 C20 50.9 20.9 R19 55.0 21.7 R18 54.5 22.8 R17 53.5 20.4 R16 52.9 21.8 R15 55.5 22.7 R14 56.1 24.2 R13 55.6 23.5 R12 53.9 21.9 R11 53.0 22.8 R10 54.4 23.9 R10 54.4 23.0 R8 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7	L16	53.9	21.3
L19 54.6 21.8 C20 50.9 20.9 R19 55.0 21.7 R18 54.5 22.0 R17 53.5 20.4 R16 52.9 21.8 R15 55.5 22.7 R14 56.1 24.2 R13 55.6 23.5 R12 53.9 21.9 R11 53.0 22.8 R10 54.4 23.9 R9 54.3 23.0 R8 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7		52.9	22.0
C20 50.9 20.9 R19 55.0 21.7 R18 54.5 22.8 R17 53.5 20.4 R16 52.9 21.8 R15 55.5 22.7 R14 56.1 24.2 R13 55.6 23.5 R12 53.9 21.9 R11 53.0 22.8 R10 54.4 23.9 R9 54.3 23.0 R8 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7	L18	54.3	23.1
R19 55.0 21.7 R18 54.5 22.8 R17 53.5 20.4 R16 52.9 21.8 R15 55.5 22.7 R14 56.1 24.2 R13 55.6 23.5 R12 53.9 21.9 R11 53.0 22.8 R10 54.4 23.9 R9 54.3 23.0 R8 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7	L19	54.6	21.8
R18 54.5 22.8 R17 53.5 20.4 R16 52.9 21.8 R15 55.5 22.7 R14 56.1 24.2 R13 55.6 23.5 R12 53.9 21.9 R11 53.0 22.8 R10 54.4 23.9 R9 54.3 23.0 R8 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7	C20	50.9	20.9
R17 53.5 20.4 R16 52.9 21.8 R15 55.5 22.7 R14 56.1 24.2 R13 55.6 23.5 R12 53.9 21.9 R11 53.0 22.8 R10 54.4 23.9 R9 54.3 23.0 R8 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7	R19	55.0	21.7
R16 52 9 21.8 R15 55.5 22.7 R14 56.1 24.2 R13 55.6 23.5 R12 53.9 21.9 R10 54.4 23.9 R9 54.3 23.0 R8 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7	R18	54.5	22.8
R15 55.5 22.7 R14 56.1 24.2 R13 55.6 23.5 R12 53.9 21.9 R11 53.0 22.8 R10 54.4 23.9 R9 64.3 23.0 R8 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7	R17	53.5	20.4
R14 56.1 24.2 R13 55.6 23.5 R12 53.9 21.9 R11 53.0 22.8 R10 54.4 23.9 R9 54.3 23.0 R8 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7	R16	52.9	21.8
R13 55.6 23.5 R12 53.9 21.9 R11 53.0 22.8 R10 54.4 23.9 R9 54.3 23.0 R8 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7	R15	55.5	22.7
R12 53.9 21.9 R11 53.0 22.8 R10 54.4 23.9 R9 54.3 23.0 R8 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7	R14	56.1	24.2
R11 53.0 22.8 R10 54.4 23.9 R9 54.3 23.0 R8 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7	R13	55.6	23.5
R10 54.4 23.9 R9 54.3 23.0 R8 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7	R12	53.9	21.9
R9 54.3 23.0 R8 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7	R11	53.0	22.8
R9 54.3 23.0 R8 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7	R10	54.4	23.9
R8 53.5 24.5 R7 48.6 20.6 R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7	R9	54.3	
R6 36.0 15.3 R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7	R8	53.5	24.5
R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7	R7	48.6	20.6
R5 31.0 12.7 R4 18.4 8.2 R3 11.1 4.7	R6	36.0	15.3
R4 18.4 8.2 R3 11.1 4.7	R5	31.0	
	R4		
	R3	11.1	4.7
R2 8.6 4.0	R2	8.6	4.0

	At 22 Feet	(Two Tapes)	
Right =	29.0	R ratio =	1.8
Left =	23.3	L ratio =	2.3
Center =	53.9		
	At 2 Feet Befor	e End of Pattern	
Right =	12.3	R ratio =	1.7
Left =	10.6	L ratio =	2.0
Center =	22.1		
Minin	num and Maximur	Units	
	22 Feet	2 Feet <	
Rmax	56.1	24.5	
Rmin	52.9	20.4	
Lmax	56.4	24.3	
Lmin	47.5	20.0	
Minimun	and Maximum Ti	ransitions	
	22 Feet	2 Feet <	
Right	20.3	8.6	
Left	16.3	7.4	
Center	70.0	28.7	
mpliances	22 Feet	2 Feet <	
atio-Right	YES	YES	
Ratio-Left	YES	YES	
Rmin	YES	YES	
Rmax	YES	YES	
Lmin	YES	YES	
Lmax	YES	YES	
LO <r>80</r>	YES	n/a	
10 <l>80</l>	YES	n/a	10.0
0 & 3 Units	8.2	3.9	YE

Are both the Right and Left Ratios for all required tape distances in compliance of the Sport Bowling pattern requirements?

YES

Are both the Right and Left Maximums for all required tape distances in compliance of the Sport Bowling pattern requirements?

YES

Are both the Right and Left Minimums for all required tape distances in compliance of the Sport Bowling pattern requirements?

YES

This Sport Bowling pattern IS COMPLIANT

