

# WTBA Paris



**Oil Pattern Distance:** 47 Feet      **Reverse Brush Drop:** 36 Feet      **Oil Per Board:** 50 uL  
**Forward Oil Total:** 19.3 mL      **Reverse Oil Total:** 1.2 mL      **Volume Oil Total:** 20.5 mL  
**Forward Boards Crossed:** 386 Boards      **Reverse Boards Crossed:** 24 Boards      **Total Boards Crossed:** 410 Boards

	Start	Stop	Loads	Speed	Crossed	Start	End	Feet	T.Oil
1	2L	2R	6	10	222	0.0	7.0	7.0	11100
2	11L	10R	1	14	20	7.0	8.9	1.9	1000
3	12L	11R	1	18	18	8.9	11.4	2.5	900
4	13L	12R	3	18	48	11.4	19.0	7.6	2400
5	14L	13R	1	18	14	19.0	21.5	2.5	700
6	15L	14R	4	18	48	21.5	31.7	10.2	2400
7	17L	16R	2	18	16	31.7	36.8	5.1	800
8	2L	2R	0	22	0	36.8	41.0	4.2	0
9	2L	2R	0	30	0	41.0	47.0	6.0	0

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	Start	Stop	Loads	Speed	Crossed	Start	End	Feet	T.Oil
1	2L	2R	0	30	0	47.0	14.0	-33.0	0
2	16L	15R	1	22	10	14.0	10.9	-3.1	500
3	14L	13R	1	18	14	10.9	8.4	-2.5	700
4	2L	2R	0	14	0	8.4	0.0	-8.4	0

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Conditioner:  
Kegel

TransferType:  
Transfer Brush

Forward



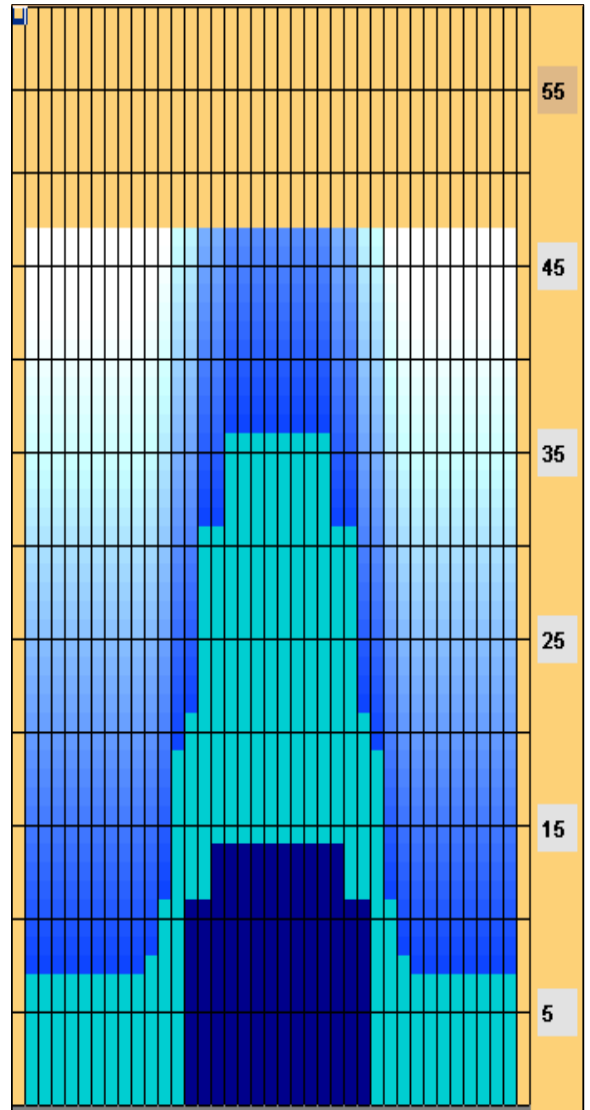
Reverse



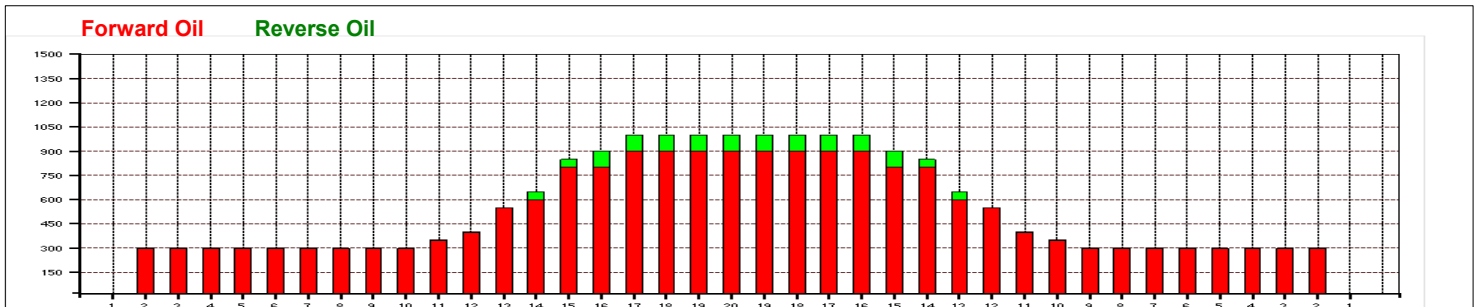
Combined



Buff



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	3.33	3.03	1.27	1.14	2.63	3.33





## USBC Sport Bowling Calculations

Center; WTBA Paris 47' Country \_\_\_\_\_  
 Lane 1 Tournament \_\_\_\_\_  
 Pattern Name \_\_\_\_\_ Date \_\_\_\_\_  
 Pattern Distance \_\_\_\_\_

Board	22	45
L2	17.4	6.1
L3	15.0	5.4
L4	15.6	6.3
L5	15.9	6.5
L6	13.9	6.1
L7	14.8	6.4
L8	15.4	5.9
L9	14.4	6.2
L10	16.2	6.8
L11	18.3	7.0
L12	26.2	8.4
L13	37.9	10.5
L14	47.4	15.6
L15	47.5	15.7
L16	49.1	19.2
L17	53.8	19.3
L18	54.1	17.4
L19	51.5	17.2
C20	49.6	15.5
R19	52.7	18.5
R18	52.8	19.2
R17	50.6	17.6
R16	51.0	17.6
R15	50.0	15.1
R14	48.9	16.5
R13	39.5	11.7
R12	32.1	9.3
R11	21.5	7.4
R10	17.1	7.3
R9	15.5	7.1
R8	15.1	6.5
R7	15.6	6.7
R6	15.1	6.2
R5	16.8	6.5
R4	14.3	5.8
R3	16.3	5.4
R2	15.7	6.0

3:1 Ratio USBC Sport Bowling Pattern Calculations		
<b>At 22 Feet (Two Tapes)</b>		
Right =	15.6	R ratio = 3.3
Left =	15.0	L ratio = 3.4
Center =	52.1	
<b>At 2 Feet Before End of Pattern</b>		
Right =	6.1	R ratio = 2.8
Left =	6.1	L ratio = 2.8
Center =	17.5	
<b>Minimum and Maximum Units</b>		
	22 Feet	2 Feet <
Rmax	51.0	17.6
Rmin	15.1	6.5
Lmax	53.8	19.3
Lmin	14.4	5.9
<b>Minimum and Maximum Transitions</b>		
	22 Feet	2 Feet <
Right	10.9	4.3
Left	10.5	4.3
Center	67.8	22.8
<b>Compliances</b>		
	22 Feet	2 Feet <
Ratio-Right	NO	YES
Ratio-Left	NO	YES
Rmin	YES	YES
Rmax	YES	YES
Lmin	YES	YES
Lmax	YES	YES
10 < R > 80	YES	n/a
10 < L > 80	YES	n/a
>10 & 3 Units	13.9	5.4
		YES

Are both the Right and Left Ratios for all required tape distances in compliance of the Sport Bowling pattern requirements? **NO**

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 **NEEDS TO BE \*REVIEWED\* FOR POSSIBLE COMPLIANCE**

