

# WTBA Athens



<b>Oil Pattern Distance:</b>	<b>40 Feet</b>	<b>Reverse Brush Drop:</b>	<b>33 Feet</b>	<b>Oil Per Board:</b>	<b>50 uL</b>
<b>Forward Oil Total:</b>	<b>13.7 mL</b>	<b>Reverse Oil Total:</b>	<b>11 mL</b>	<b>Volume Oil Total:</b>	<b>24.7 mL</b>
<b>Forward Boards Crossed:</b>	<b>274 Boards</b>	<b>Reverse Boards Crossed:</b>	<b>220 Boards</b>	<b>Total Boards Crossed:</b>	<b>494 Boards</b>

	Start	Stop	Loads	Speed	Crossed	Start	End	Feet	T.Oil
1	2L	2R	4	10	148	0.0	4.2	4.2	7400
2	6L	5R	1	10	30	4.2	5.6	1.4	1500
3	7L	6R	1	14	28	5.6	7.5	1.9	1400
4	9L	8R	1	18	24	7.5	10.0	2.5	1200
5	12L	11R	1	18	18	10.0	12.5	2.5	900
6	14L	13R	1	18	14	12.5	15.0	2.5	700
7	15L	14R	1	18	12	15.0	17.5	2.5	600
8	2L	2R	0	18	0	17.5	24.0	6.5	0
9	2L	2R	0	22	0	24.0	33.0	9.0	0
10	2L	2R	0	30	0	33.0	40.0	7.0	0

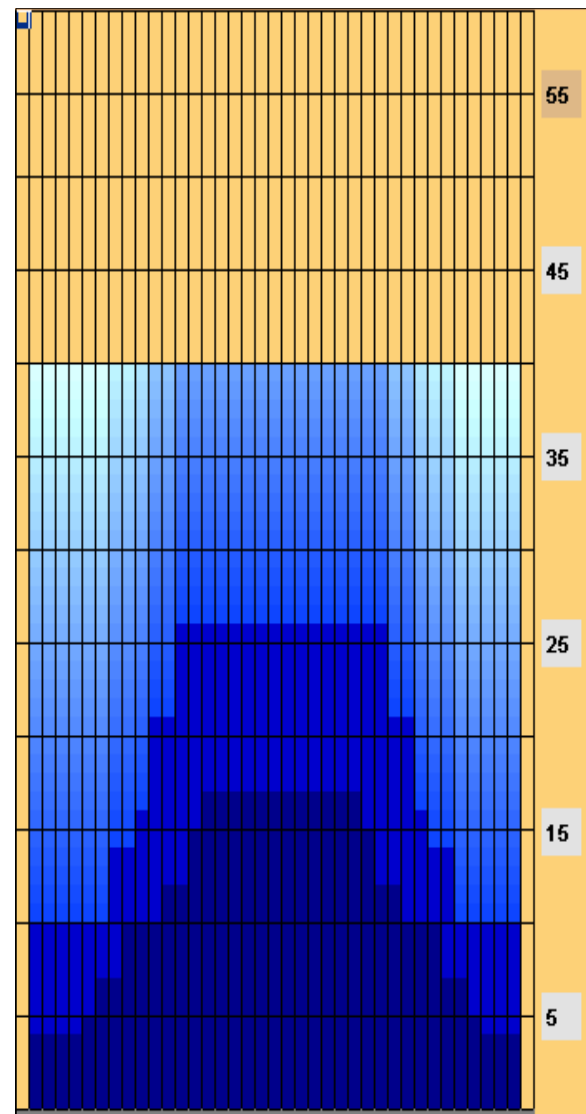
Navigation: Forward Reverse More

	Start	Stop	Loads	Speed	Crossed	Start	End	Feet	T.Oil
1	2L	2R	0	30	0	40.0	26.0	-14.0	0
2	13L	12R	2	18	32	26.0	20.9	-5.1	1600
3	11L	10R	2	18	40	20.9	15.8	-5.1	2000
4	10L	9R	1	14	22	15.8	13.9	-1.9	1100
5	8L	7R	2	14	52	13.9	10.0	-3.9	2600
6	2L	2R	2	10	74	10.0	7.2	-2.8	3700
7	2L	2R	0	10	0	7.2	0.0	-7.2	0

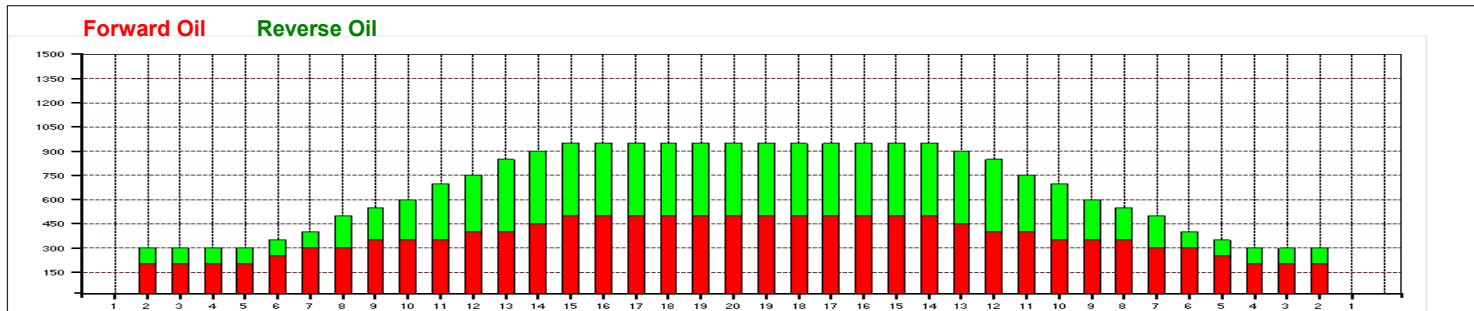
Navigation: Forward Reverse More

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	2.88	1.53	1.03	1.01	1.38	2.57





## USBC Sport Bowling Calculations

Center; WTBA Athens 40' Country \_\_\_\_\_  
 Lane 1 Tournament \_\_\_\_\_  
 Pattern Name WTBA Athens 40' Date 10/12/2010  
 Pattern Distance 40'

Board	22	38
L2	18.9	6.0
L3	16.1	5.5
L4	17.3	6.3
L5	19.2	6.6
L6	21.8	7.3
L7	25.6	7.9
L8	28.7	8.8
L9	28.4	9.3
L10	29.2	9.8
L11	30.2	10.0
L12	38.2	10.5
L13	46.9	12.1
L14	52.9	13.9
L15	52.6	14.0
L16	52.5	14.4
L17	52.7	14.6
L18	54.1	13.7
L19	52.6	12.7
C20	55.5	10.8
R19	57.3	13.2
R18	56.1	13.6
R17	53.5	12.2
R16	56.3	12.0
R15	56.2	12.5
R14	57.0	12.7
R13	50.8	12.4
R12	46.3	10.1
R11	34.3	10.3
R10	34.1	10.7
R9	31.6	9.5
R8	30.5	9.5
R7	28.3	9.6
R6	24.4	8.2
R5	23.0	8.1
R4	18.0	7.2
R3	17.4	6.0
R2	18.5	7.3

3:1 Ratio USBC Sport Bowling Pattern Calculations		
<b>At 22 Feet (Two Tapes)</b>		
Right =	22.2	R ratio = 2.4
Left =	20.0	L ratio = 2.7
Center =	55.1	
<b>At 2 Feet Before End of Pattern</b>		
Right =	7.8	R ratio = 1.6
Left =	6.7	L ratio = 1.9
Center =	12.8	
<b>Minimum and Maximum Units</b>		
	22 Feet	2 Feet <
Rmax	57.0	12.7
Rmin	30.5	9.5
Lmax	52.9	14.6
Lmin	28.4	8.8
<b>Minimum and Maximum Transitions</b>		
	22 Feet	2 Feet <
Right	15.6	5.5
Left	14.0	4.7
Center	71.6	16.6
<b>Compliances</b>		
	22 Feet	2 Feet <
Ratio-Right	YES	YES
Ratio-Left	YES	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	16.1	5.5
		<b>YES</b>

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**

