



Control

Equipment Info.

Club: Callaway
Head: #5 Iron BB Fusion
Shaft: N.S. Pro 990
Ball: Titleist NXT Tour
Swg Wt:
Total Wt:
Lie Ang. 59

Weather

Temp: 71°
Wind: 13-17 mph
Direction: Head
Humidity: 53%
Bar.: 30.28
Ground Cond.: Soft & damp
Weather Cond.: Clear & warm

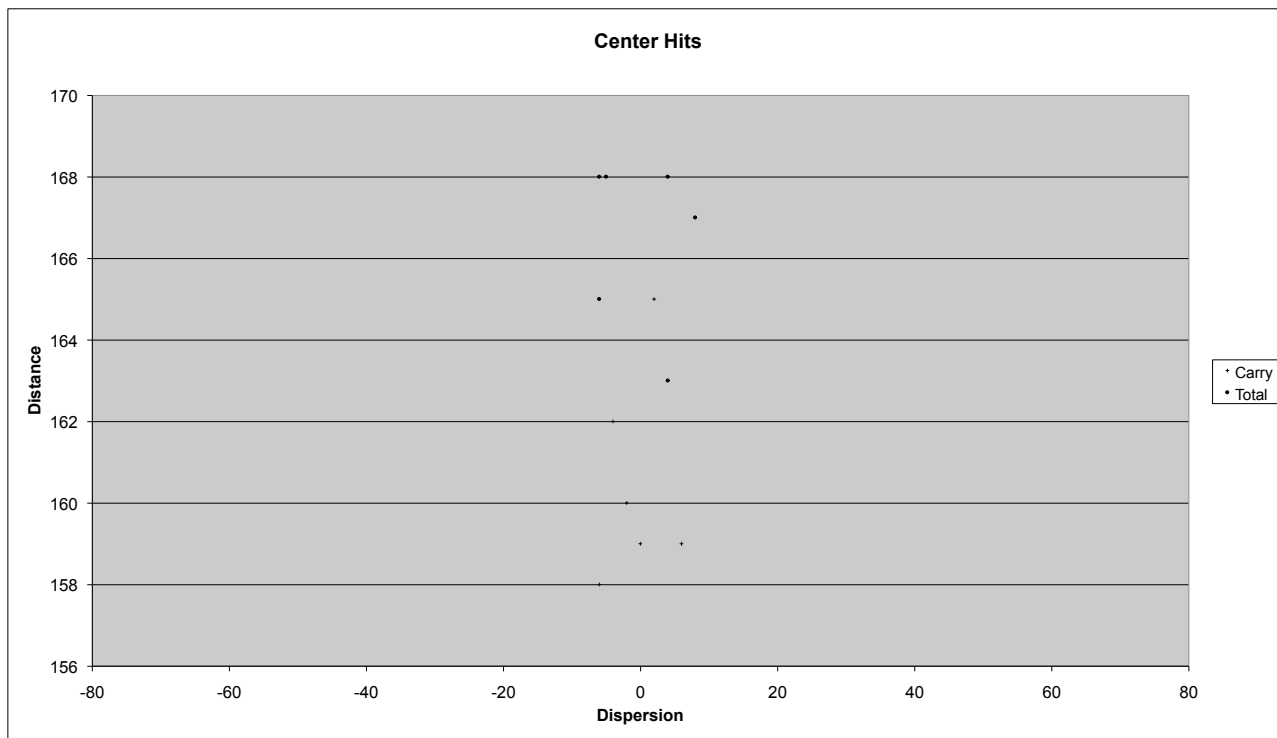
Robot Parameters

Amps: 32
Initial Percent: 60
Ramp Distance: 24
Release Point: 160
Tee Table Position: 16

Hit #	Launch Data				Flight Data						Landing Data				Wind						
	H/S	B/S	RATIO	L/A	H L/A	SPIN	SPIN AXI	MAX HG	MAX HGT	DI VERT.	LAND FLGHT	TIME	LAND. VEL.	LAND. VEL.	C-DISP	C-DIST	T-DISP	T-DIST	ROLL	VEL	DIR
1	83.4	118.2	1.4	17.9	-0.5	4715.0	-1.6	108.4	35.2	59.5	6.3	55.7	55.7	-4	162	-6	168	6	13	H	
2	83.9	118.3	1.4	17.5	-1.2	4945.6	-1.3	106.8	34.7	58.7	6.2	57.8	57.8	0	159	4	163	4	14	H	
3	83.6	117.8	1.4	17.7	-1.4	5165.6	0.5	104.1	34.5	58.1	6.2	57.8	57.8	2	165	4	168	3	16	H	
4	83.2	118.7	1.4	17.0	-1.8	4950.4	3.1	107.8	34.0	58.6	6.3	56.4	56.4	6	159	8	167	8	14	H	
5	83.5	117.7	1.4	17.6	-1.2	4904.7	-1.8	108.2	34.5	56.9	6.3	58.1	58.1	-2	160	-5	168	8	17	H	
6	83.5	117.9	1.4	17.6	-1.1	5044.0	-1.6	105.9	34.5	58.5	6.2	56.4	56.4	-6	158	-6	165	7	16	H	
Average	83.51	118.08	1.41	17.56	-1.21	4954.20	-0.43	106.86	34.57	58.39	6.24	57.02	57.02	-0.67	160.50	-0.17	166.50	6.00	15.00		
Std. Dev.	0.21	0.36	0.01	0.29	0.42	150.03	1.95	1.64	0.41	0.88	0.05	1.00	1.00	4.32	2.59	6.21	2.07	2.10	1.55		
Max.	83.85	118.65	1.43	17.91	-0.50	5165.64	3.14	108.41	35.25	59.54	6.32	58.15	58.15	6.00	165.00	8.00	168.00	8.00	17.00		
Min.	83.20	117.68	1.41	17.05	-1.79	4714.95	-1.77	104.13	33.99	56.86	6.16	55.67	55.67	-6.00	158.00	-6.00	163.00	3.00	13.00		
Range	0.66	0.97	0.02	0.86	1.29	450.68	4.91	4.27	1.26	2.68	0.15	2.48	2.48	12.00	7.00	14.00	5.00	5.00	4.00		
														Avg. Dist. From Center	3.33		5.50				

LEGEND

- H/S Initial Head Speed-MPH
- B/S Initial Ball Speed-MPH
- Ratio Ratio of Ball Speed to Head Speed
- L/A Launch Angle-Degrees
- H L/A Horizontal Launch Angle-Degrees
- Spin BackSpin-RPM
- DC Drag Coefficient
- LC Lift Coefficient
- Max Hght Peak Height of shot-Feet
- Mx Hght DR Down Range Distance ball reaches peak-yards
- Vert. Land Descent Angle of Golf Ball-Degrees
- Fight Time Flight Time of Ball in Air-Seconds
- Land. Vel. Ball Velocity at Impact-MPH
- C-Disp Carry Dispersion(Ball Landing)-Feet
- C-Dist Carry Distance(Ball Landing)-Yards
- T-Disp Total Dispersion(Ball Stop)-Feet
- T-Dist Total Distance(Ball Stop)-Yards
- Roll Distance from Carry to Total-Yards





PolyMax Extremes

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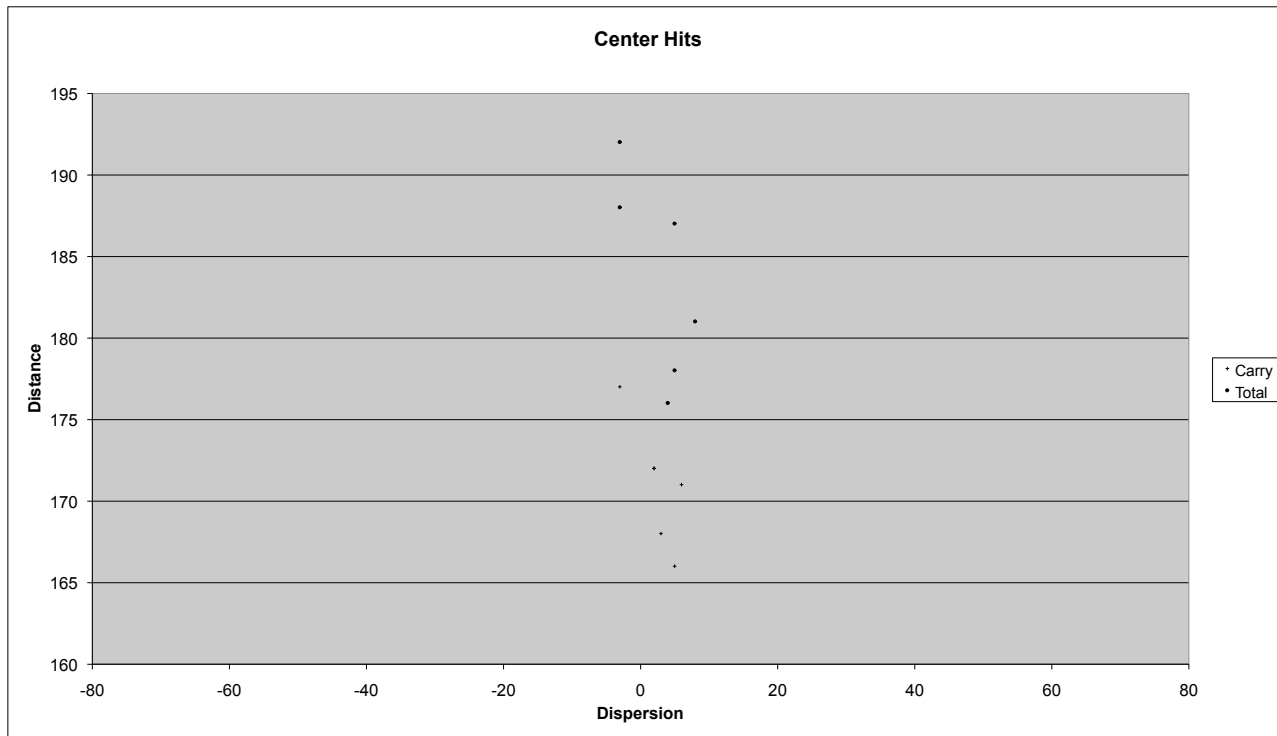
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Amps: 32
Initial Percent: 60
Ramp Distance: 24
Release Point: 160
Tee Table Position: 16

Hit #	Launch Data					Flight Data					Landing Data				Wind					
	H/S	B/S	RATIO	L/A	H L/A	SPIN	SPIN AX	HGMAX	HGHT DI	VERT. LAND	FLGHT. TIME	LAND. VEL.	LAND. VEL.	C-DISP	C-DIST	T-DISP	T-DIST	ROLL	VEL	DIR
1	81.6	117.0	1.4	18.8	-1.2	3481.7	2.2	110.3	33.8	57.3	6.2	60.2	60.2	3	168	5	178	10	14	H
2	78.8	116.9	1.5	18.8	-1.4	3340.8	3.2	112.0	32.9	55.0	6.1	59.4	59.4	6	171	8	181	10	13	H
3	82.7	117.4	1.4	18.9	-1.2	3524.8	2.6	109.6	34.1	58.4	6.2	59.7	59.7	5	166	4	176	10	13	H
4	83.5	117.5	1.4	18.7	-1.1	3347.0	3.2	112.9	33.6	56.1	6.2	59.7	59.7	2	172	5	187	15	17	H
5	83.1	117.3	1.4	18.9	-1.1	3175.1	1.2	111.1	32.0	54.1	6.1	58.8	58.8	2	172	-3	188	16	15	H
6	83.2	117.1	1.4	18.7	-1.5	3504.7	0.5	113.8	32.2	52.7	6.2	57.9	57.9	-3	177	-3	192	15	16	H
Average	82.16	117.20	1.43	18.80	-1.25	3395.68	2.17	111.63	33.09	55.60	6.16	59.29	59.29	2.50	171.00	2.67	183.67	12.67	14.67	
Std. Dev.	1.75	0.25	0.03	0.09	0.16	134.15	1.10	1.58	0.87	2.10	0.06	0.81	0.81	3.15	3.79	4.59	6.28	2.94	1.63	
Max.	83.54	117.63	1.48	18.93	-1.06	3524.78	3.23	113.76	34.10	58.36	6.23	60.18	60.18	6.00	177.00	8.00	192.00	16.00	17.00	
Min.	78.85	116.88	1.41	18.72	-1.50	3175.15	0.50	109.61	31.98	52.68	6.09	57.92	57.92	-3.00	166.00	-3.00	176.00	10.00	13.00	
Range	4.69	0.65	0.08	0.21	0.44	349.63	2.73	4.15	2.12	5.68	0.14	2.26	2.26	9.00	11.00	11.00	16.00	6.00	4.00	
														Avg. Dist. From Center	2.17		3.83			

LEGEND

- H/S Initial Head Speed-MPH
- B/S Initial Ball Speed-MPH
- Ratio Ratio of Ball Speed to Head Speed
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- Max Hght Peak Height of shot-Feet
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- T-Dist Total Distance(Ball Stop)-Yards
- Roll Distance from Carry to Total-Yards





Golf Laboratories, Inc.
Independent Equipment Testing

Client: Layerco
Test: Club
Date: November 3, 2009

Club: #5 Iron BB Fusion
Head: N.S. Pro 990
Shaft: Titleist NXT Tour

	Launch Data				Flight Data						Landing Data					Wind			
	H/S	B/S	RATIO	L/A	H L/A	SPIN	PIN AXI	MAX HGHT	MX HGHT DR	VERT. LAND	FLIGHT TIME	LAND. VEL.	C-DISP	C-DIST	T-DISP	T-DIST	ROLL	VEL	DIR
Club: Control																			
Avg.	83.51	118.08	1.41	17.56	-1.21	4954.20	-0.43	106.86	34.57	58.39	6.24	57.02	3.33	160.50	5.50	166.50	6.00	15.00	0.00
S/D	0.21	0.36	0.01	0.29	0.42	150.03	1.95	1.64	0.41	0.88	0.05	1.00		2.59		2.07	2.10	1.55	0.00
Club: PolyMax Extremes																			
Avg.	82.16	117.20	1.43	18.80	-1.25	3395.68	2.17	111.63	33.09	55.60	6.16	59.29	2.17	171.00	3.83	183.67	12.67	14.67	0.00
S/D	1.75	0.25	0.03	0.09	0.16	134.15	1.10	1.58	0.87	2.10	0.06	0.81		3.79		6.28	2.94	1.63	0.00

LEGEND

H/S Initial Head Speed-MPH	Spin BackSpin-RPM	Vert. Land Descent Angle of Golf Ball-Degrees	T-Disp Total Dispersion(Ball Stop)-Feet
B/S Initial Ball Speed-MPH	DC Drag Coefficient	Fight. Time Flight Time of Ball in Air-Seconds	T-Dist Total Distance(Ball Stop)-Yards
Ratio Ratio of Ball Speed to Head Speed	LC Lift Coefficient	Land. Vel. Ball Velocity at Impact-MPH	Roll Distance from Carry to Total-Yards
L/A Launch Angle-Degrees	Max Hght Peak Height of shot-Feet	C-Disp Carry Dispersion(Ball Landing)-Feet	
H L/A Horizontal Launch Angle-Degrees	Mx Hght DR Down Range Distance ball reaches peak-yards	C-Dist. Carry Distance(Ball Landing)-Yards	