

# Session Report

April 03, 2021

Prepared by Thomas LaBorde for Chase Webre

## Session Notes:

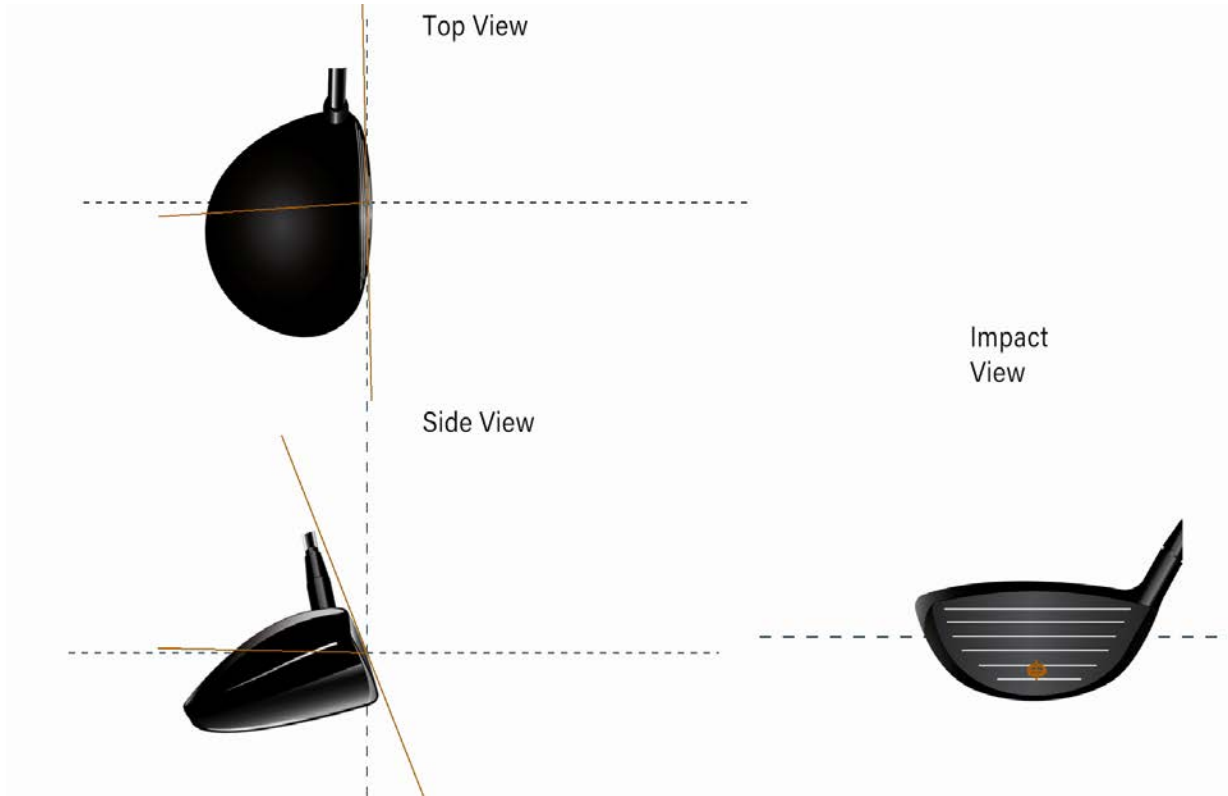
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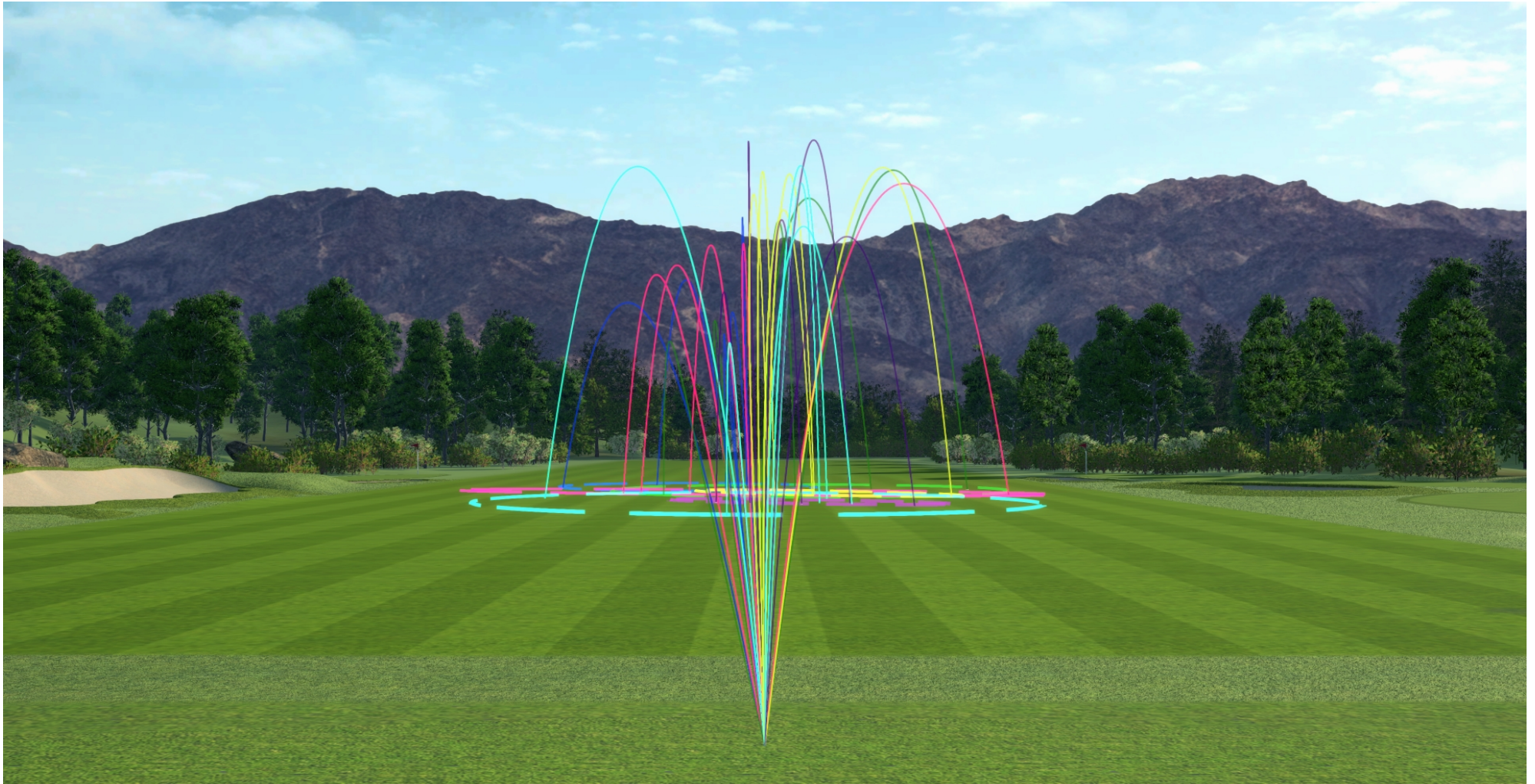
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GROUP	CLUB NAME	BALL SPEED mph	LAUNCH ANGLE deg	LAUNCH DIRECTION deg	SPIN RATE rpm	SPIN AXIS TILT deg	CARRY yds	TOTAL yds	OFFLINE yds	CURVE yds	PEAK HEIGHT ft	DESCENT ANGLE deg
3w:Tayl...	Fairway Wood	135.4	11.1	-1.7	2880	-15.1	203.5	220.9	-21	-14	65.4	36.2
Average		135.4	11.1	-1.7	2880	-15.1	203.5	220.9	-21	-14	65.4	36.2



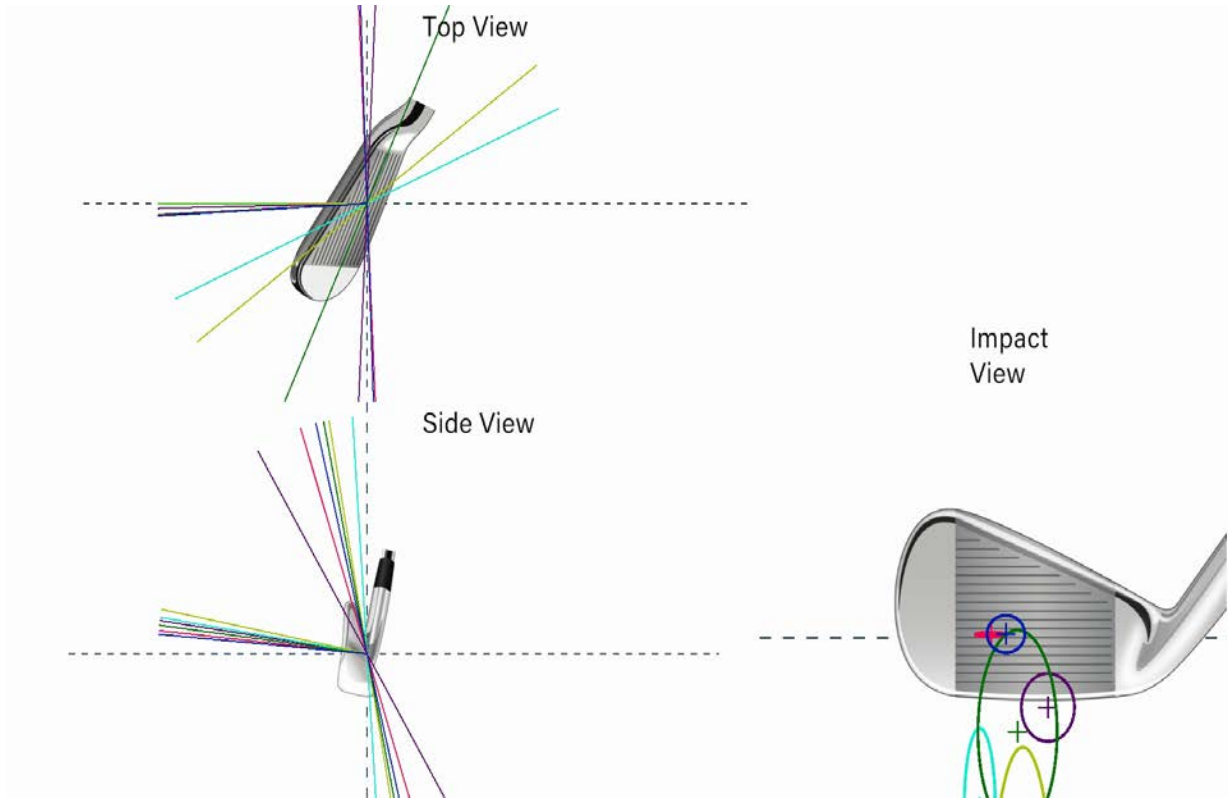
GROUP	CLUB NAME	CLUB SPEED mph	AoA deg	PATH deg	DYNAMIC LOFT deg	FACE TO TARGET deg	FACE TO PATH deg	EFFICIENCY	LIE ANGLE deg	HORIZONTAL IMPACT mm	VERTICAL IMPACT mm	CLOSURE RATE dps
■ 3w:Tayl...	Fairway Wood	97.7	-1.1	-3.4	24.1	-1.5	+2.7	1.38	-0.4	-1	-13	2740
Average		97.7	-1.1	-3.4	24.1	-1.5	+2.7	1.38	-0.4	-1	-13	2740



GROUP	CLUB NAME	BALL SPEED mph	LAUNCH ANGLE deg	LAUNCH DIRECTION deg	SPIN RATE rpm	SPIN AXIS TILT deg	CARRY yds	TOTAL yds	OFFLINE yds	CURVE yds	PEAK HEIGHT ft	DESCENT ANGLE deg
9i:Call...	Iron	101.8	18.8	-0.1	8299	+4.4	131.5	140.3	+4	+5	72.3	44.8
8i:Call...	Iron	100.4	19.3	-0.7	6394	+0.7	131.8	144.0	-1	+0	70.9	43.5
7i:Call...	Iron	115.7	17.1	+0.3	6149	+4.9	160.2	172.3	+7	+7	87.2	45.9
6i:Call...	Iron	115.0	15.1	-1.8	4644	+1.4	163.8	174.9	-3	+2	72.2	41.0



GROUP	CLUB NAME	BALL SPEED mph	LAUNCH ANGLE deg	LAUNCH DIRECTION deg	SPIN RATE rpm	SPIN AXIS TILT deg	CARRY yds	TOTAL yds	OFFLINE yds	CURVE yds	PEAK HEIGHT ft	DESCENT ANGLE deg
■ 5i:Call...	Iron	120.7	13.6	-1.3	4404	+6.3	172.8	185.6	+6	+9	74.3	39.5
■ 4i:Call...	Iron	125.1	11.9	-2.8	3204	-1.3	188.4	204.5	-11	-2	65.5	35.1
Average		113.1	15.9	-1.1	5516	+2.7	158.1	170.3	+0	+3	73.7	41.6



GROUP	CLUB NAME	CLUB SPEED mph	AoA deg	PATH deg	DYNAMIC LOFT deg	FACE TO TARGET deg	FACE TO PATH deg	EFFICIENCY	LIE ANGLE deg	HORIZONTAL IMPACT mm	VERTICAL IMPACT mm	CLOSURE RATE dps
9i:Call...	Iron	83.7	-8.0	-1.2	31.5	+2.7	+3.9	1.21	-3.8	-4	-20	2477
8i:Call...	Iron	84.7	-8.8	-0.2	4.0	+66.4	+66.6	1.18	-58.6	+18	-50	1430
7i:Call...	Iron	86.1	-10.8	+0.1	10.5	+54.4	+54.3	1.34	-45.2	+4	-92	1577
6i:Call...	Iron	89.2	-5.6	-2.7	18.5	-2.7	-0.1	1.28	-2.5	+15	+1	2771
5i:Call...	Iron	90.7	-6.9	-2.8	12.0	+25.3	+28.1	1.33	-26.5	+6	-28	2261
4i:Call...	Iron	93.4	-4.7	-3.0	14.2	-2.1	+0.9	1.34	-6.0	+10	+1	2673
Average		88.0	-7.4	-1.6	15.1	+24.0	+25.6	1.28	-23.8	+8	-31	2198



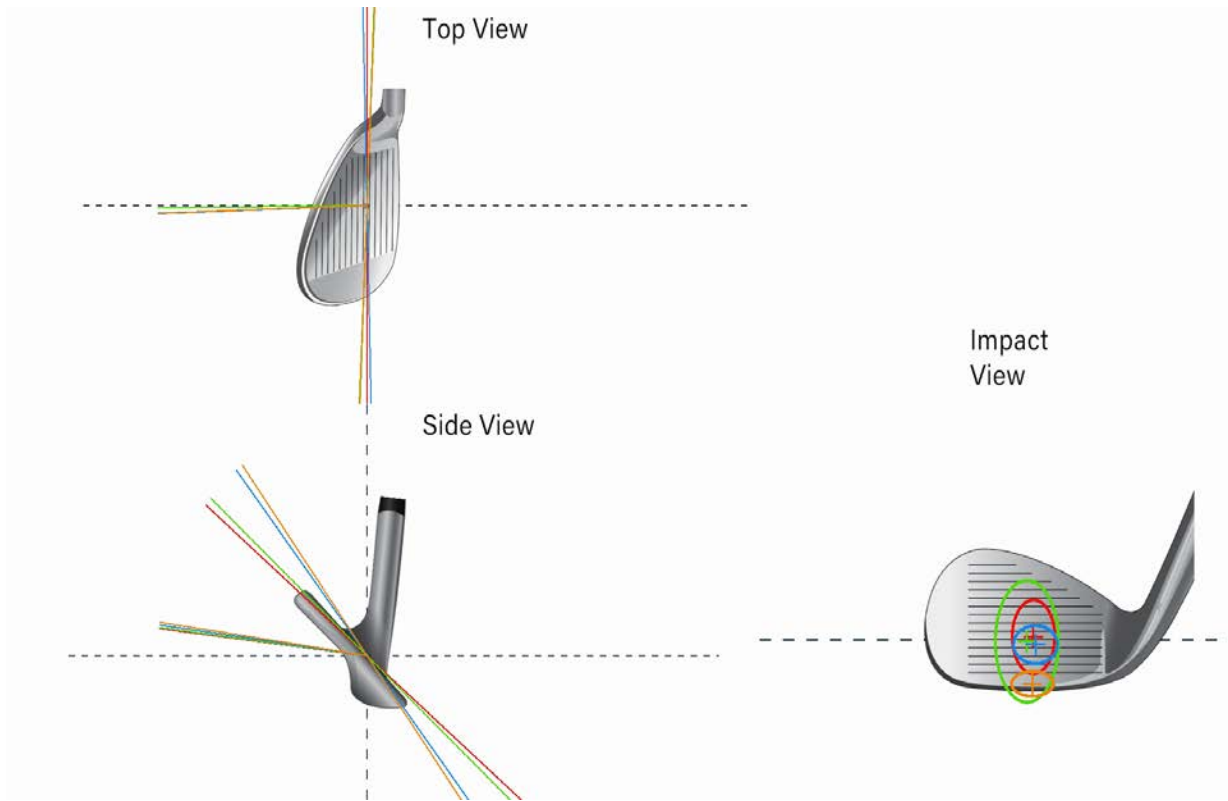
GROUP	CLUB NAME	BALL SPEED mph	LAUNCH ANGLE deg	LAUNCH DIRECTION deg	SPIN RATE rpm	SPIN AXIS TILT deg	CARRY yds	TOTAL yds	OFFLINE yds	CURVE yds	PEAK HEIGHT ft	DESCENT ANGLE deg
58:Voke...	Wedge	66.3	30.6	-0.6	10020	+1.9	71.5	78.2	+0	+1	48.1	46.3
56:Call...	Wedge	69.8	28.7	+1.0	9854	+4.6	77.4	85.6	+3	+2	49.7	45.5
Gw:Titl...	Wedge	84.8	24.9	-1.6	8969	+0.3	103.5	110.4	-3	+0	64.9	46.1
Pw:Call...	Wedge	95.4	23.6	+0.5	9504	+4.1	119.8	125.9	+5	+4	80.3	48.9



# Session Summary



GROUP	CLUB NAME	BALL SPEED mph	LAUNCH ANGLE deg	LAUNCH DIRECTION deg	SPIN RATE rpm	SPIN AXIS TILT deg	CARRY yds	TOTAL yds	OFFLINE yds	CURVE yds	PEAK HEIGHT ft	DESCENT ANGLE deg
Average		79.1	26.9	-0.2	9587	+2.7	93.0	100.0	+1	+2	60.8	46.7



GROUP	CLUB NAME	CLUB SPEED mph	AoA deg	PATH deg	DYNAMIC LOFT deg	FACE TO TARGET deg	FACE TO PATH deg	EFFICIENCY	LIE ANGLE deg	HORIZONTAL IMPACT mm	VERTICAL IMPACT mm	CLOSURE RATE dps
■ 58:Voke...	Wedge	72.6	-6.5	-1.9	50.6	+0.1	+2.0	0.91	-1.7	0	+1	2151
■ 56:Call...	Wedge	75.6	-6.8	-0.5	48.5	+2.3	+2.8	0.92	-4.0	+3	0	2328
■ Gw:Titl...	Wedge	78.8	-7.4	-1.9	38.7	-1.3	+0.6	1.07	-2.1	-0	-1	2403
■ Pw:Call...	Wedge	82.3	-8.1	-1.8	36.6	+2.5	+4.4	1.16	-3.3	+1	-14	2427
Average		77.3	-7.2	-1.6	43.6	+0.9	+2.4	1.02	-2.8	+1	-4	2327



GROUP	CLUB NAME	BALL SPEED mph	LAUNCH ANGLE deg	LAUNCH DIRECTION deg	SPIN RATE rpm	SPIN AXIS TILT deg	CARRY yds	TOTAL yds	OFFLINE yds	CURVE yds	PEAK HEIGHT ft	DESCENT ANGLE deg
■ Dr:Titl...	Driver	148.2	12.7	-0.6	2664	-3.1	242.5	258.9	-6	-3	93.8	39.0
Average		148.2	12.7	-0.6	2664	-3.1	242.5	258.9	-6	-3	93.8	39.0

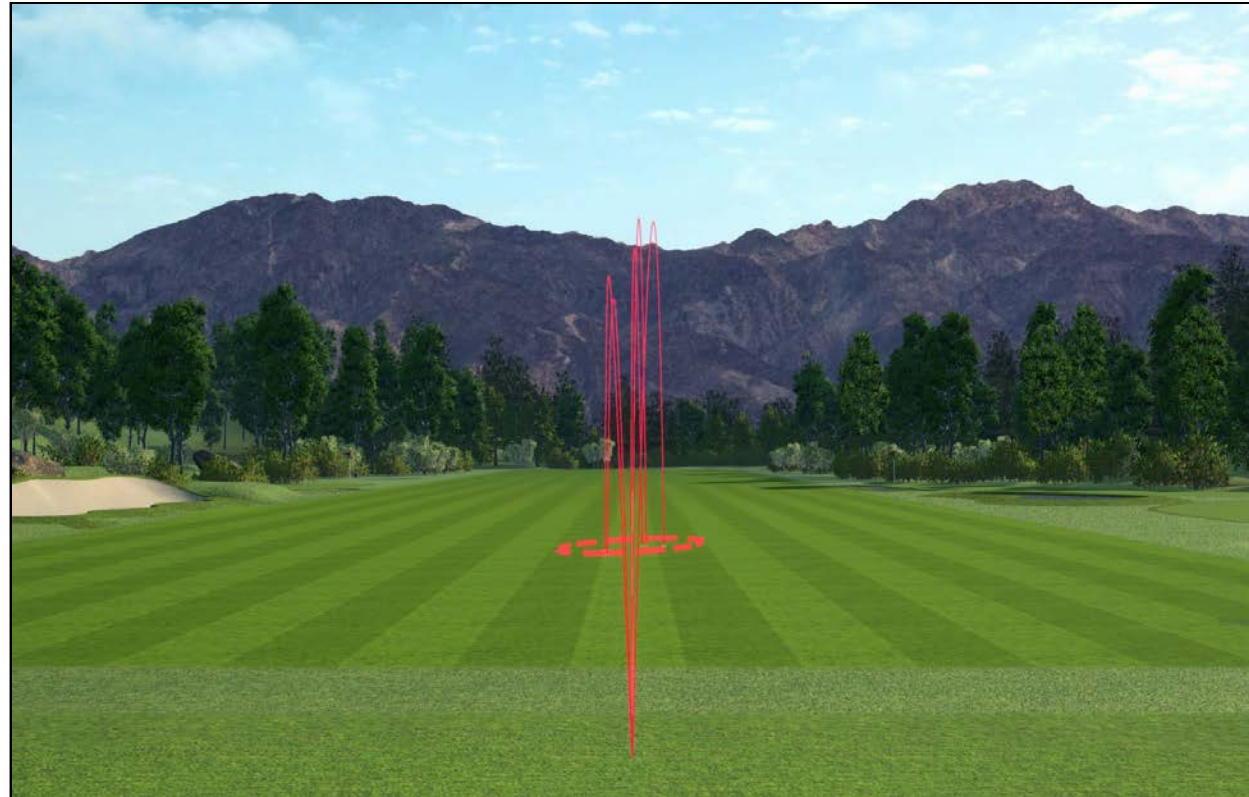


GROUP	CLUB NAME	CLUB SPEED mph	AoA deg	PATH deg	DYNAMIC LOFT deg	FACE TO TARGET deg	FACE TO PATH deg	EFFICIENCY	LIE ANGLE deg	HORIZONTAL IMPACT mm	VERTICAL IMPACT mm	CLOSURE RATE dps
■ Dr:Titl...	Driver	106.0	+2.4	-2.6	17.1	-2.1	+0.5	1.40	0.0	+6	+8	2504
Average		106.0	+2.4	-2.6	17.1	-2.1	+0.5	1.40	0.0	+6	+8	2504

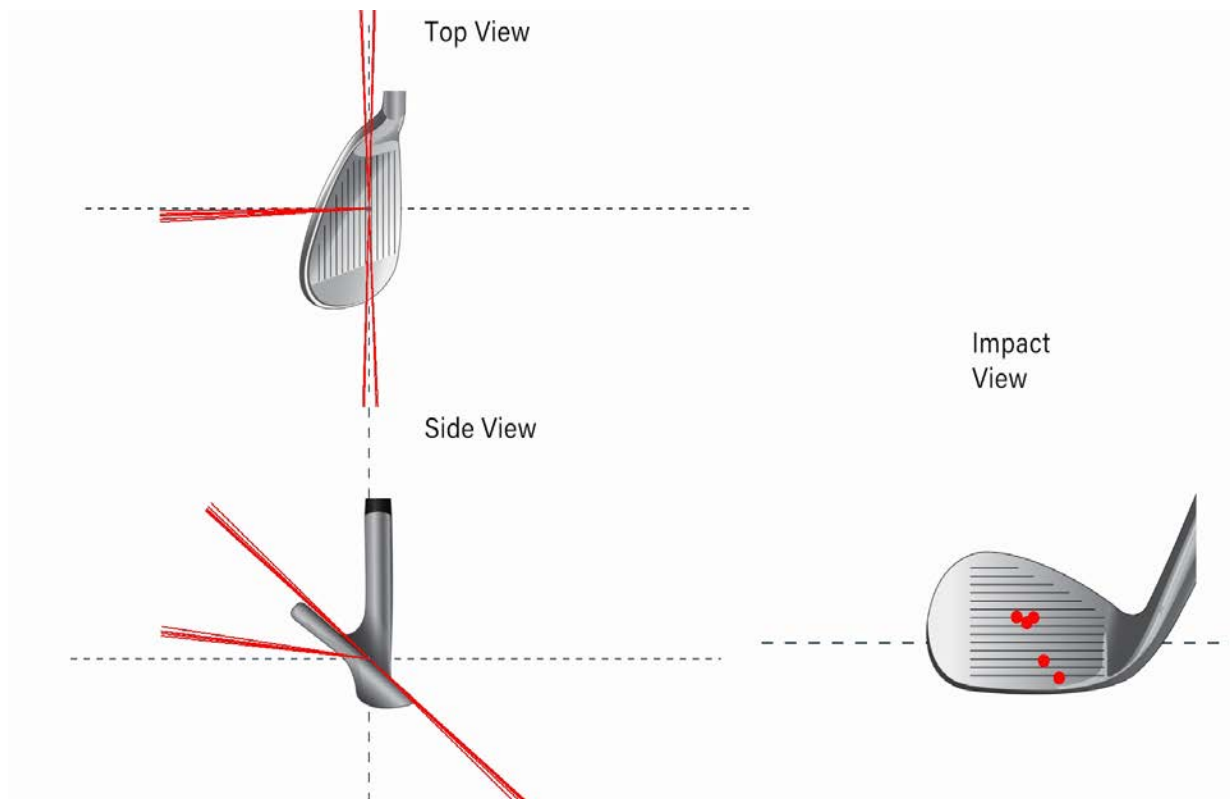


**Wedge Range**

Vokey SM8



	BALL SPEED mph	LAUNCH ANGLE deg	LAUNCH DIRECTION deg	SPIN RATE rpm	SPIN AXIS TILT deg	CARRY yds	TOTAL yds	OFFLINE yds	CURVE yds	PEAK HEIGHT ft	DESCENT ANGLE deg
1	65.3	29.6	-2.4	9849	+1.9	70.1	80.0	-2	+1	44.4	44.8
2	67.2	30.3	-0.3	10249	+3.1	73.0	75.4	+1	+1	48.9	46.5
3	62.6	29.7	-1.7	9550	0.0	65.9	75.9	-2	0	40.4	43.8
4	67.6	32.1	+0.1	10250	+2.5	73.2	75.3	+1	+1	53.3	48.5
5	68.8	31.2	+1.5	10199	+1.9	75.3	84.3	+3	+1	53.3	48.0
<b>Avg.</b>	66.3	30.6	-0.6	10020	+1.9	71.5	78.2	+0	+1	48.1	46.3

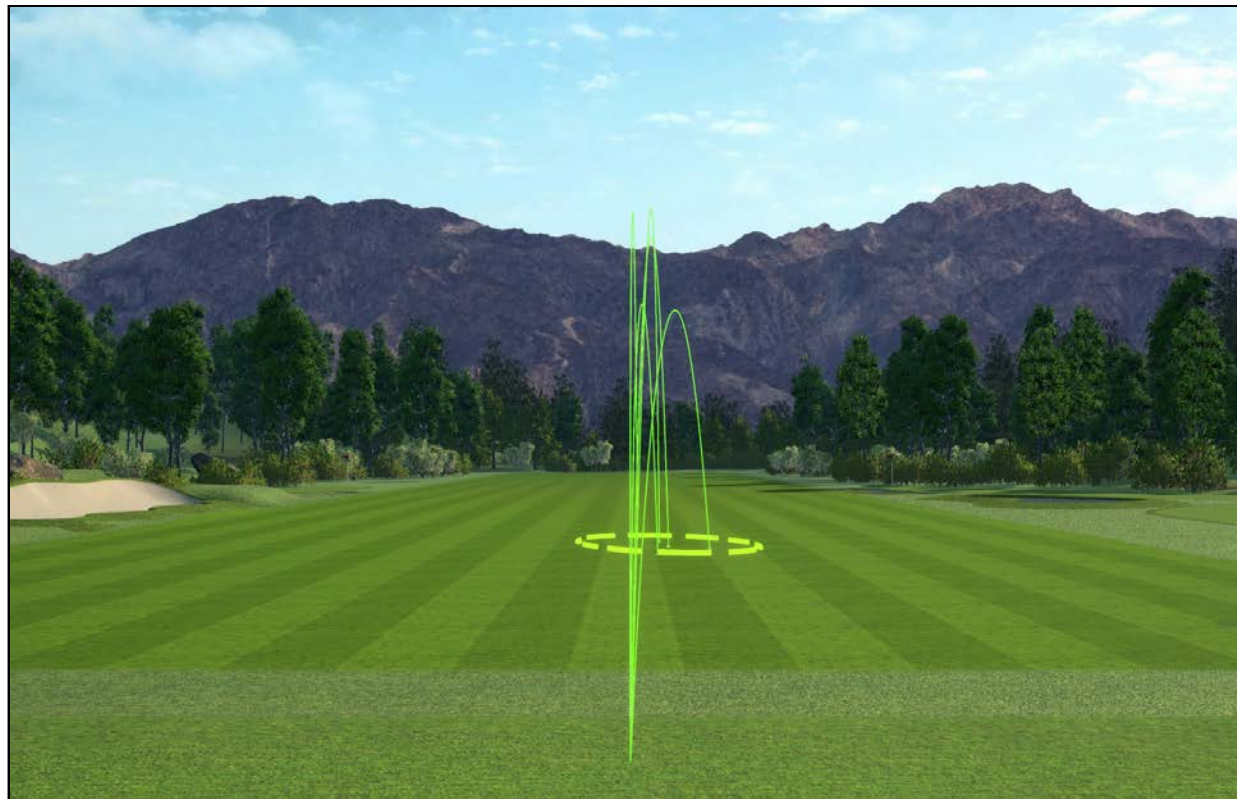


	CLUB SPEED mph	ATTACK ANGLE deg	CLUB PATH deg	DYNAMIC LOFT deg	FACE TO TARGET deg	FACE TO PATH deg	EFFICIENCY	LIE ANGLE deg	IMPACT HORIZ. mm	IMPACT VERT. mm	CLOSING RATE dps
1	73.8	-6.6	-3.3	50.3	-2.4	+0.9	0.89	-1.0	+1	+8	2031
2	72.4	-7.8	-1.8	49.1	+1.5	+3.3	0.93	-1.7	-8	-12	2105
3	69.3	-6.7	-2.6	51.1	-2.9	-0.3	0.90	-1.9	+8	+8	2201
4	73.5	-6.1	-1.4	51.5	+2.0	+3.4	0.92	-2.0	-2	-6	2229
5	73.7	-5.5	-0.5	50.9	+2.0	+2.6	0.93	-1.8	+4	+7	2187
Avg.	72.6	-6.5	-1.9	50.6	+0.1	+2.0	0.91	-1.7	0	+1	2151

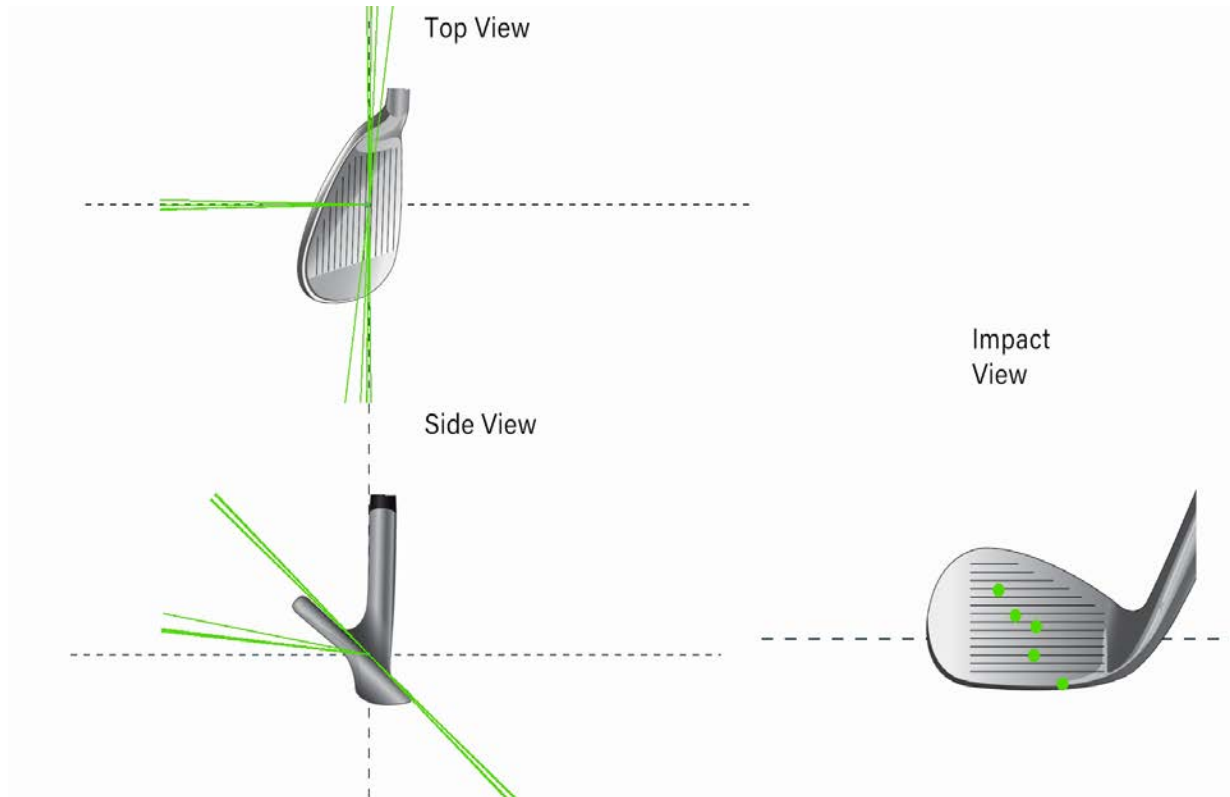


**Wedge Range**

Callaway JAWS



	BALL SPEED mph	LAUNCH ANGLE deg	LAUNCH DIRECTION deg	SPIN RATE rpm	SPIN AXIS TILT deg	CARRY yds	TOTAL yds	OFFLINE yds	CURVE yds	PEAK HEIGHT ft	DESCENT ANGLE deg
1	73.1	30.0	+1.5	9399	+0.9	83.3	92.6	+3	+0	58.0	47.7
2	64.0	28.8	+0.2	8850	+6.2	68.3	78.6	+2	+2	40.4	42.9
3	74.1	28.9	-0.1	10625	+1.6	83.9	86.2	+1	+1	57.7	47.7
4	69.1	30.3	+1.0	9649	+4.7	76.5	86.3	+3	+2	51.8	46.8
5	68.7	25.4	+2.2	10749	+9.7	74.8	84.4	+7	+4	40.9	42.4
Avg.	69.8	28.7	+1.0	9854	+4.6	77.4	85.6	+3	+2	49.7	45.5



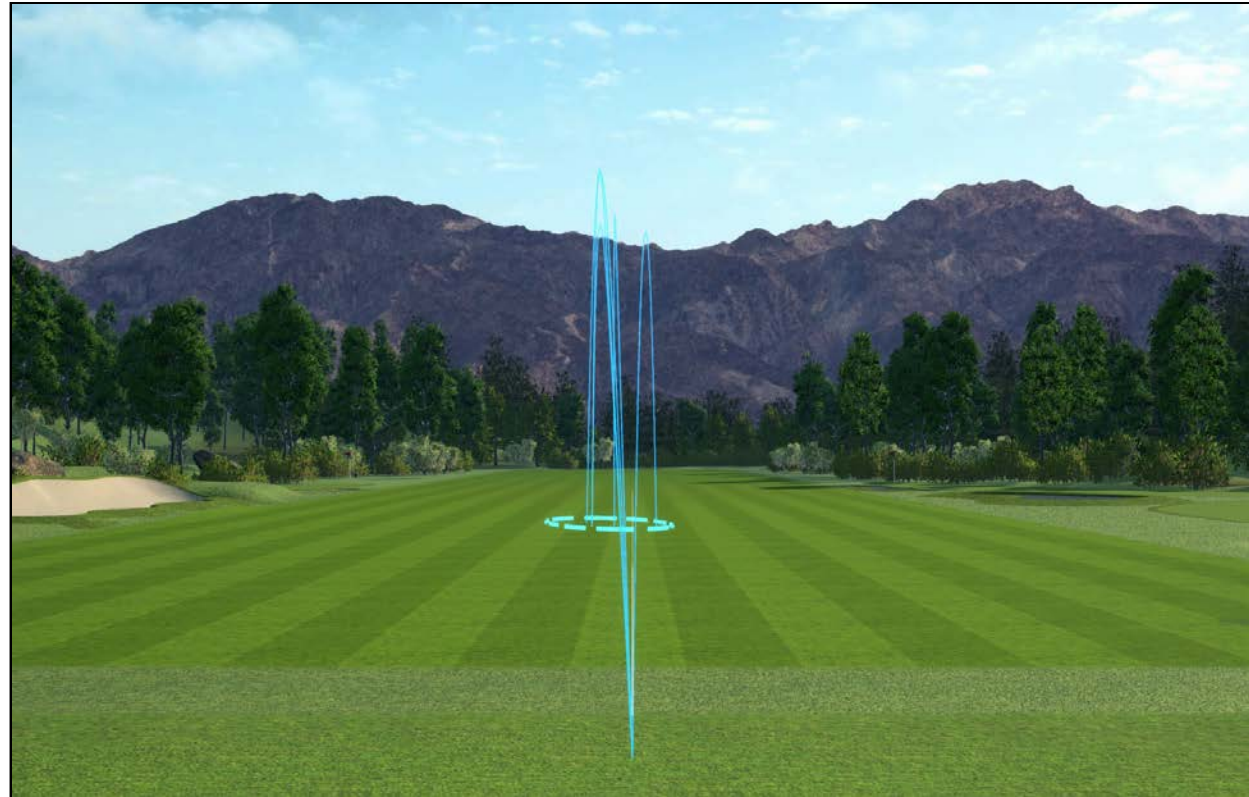
	CLUB SPEED mph	ATTACK ANGLE deg	CLUB PATH deg	DYNAMIC LOFT deg	FACE TO TARGET deg	FACE TO PATH deg	EFFICIENCY	LIE ANGLE deg	IMPACT HORIZ. mm	IMPACT VERT. mm	CLOSING RATE dps
1	75.2	-6.0	+1.1	49.0	+0.7	-0.4	0.97	-3.8	0	+4	2256
2	74.3	-6.1	-1.2	47.6	+0.8	+2.0	0.86	-4.9	+14	+16	2263
3	74.2	-6.3	-1.3	49.4	-0.6	+0.6	1.00	-3.6	+1	-6	2214
4	76.7	-5.6	-1.2	49.1	+2.8	+4.0	0.90	-4.9	+8	+8	2552
5	77.4	-10.0	-0.2	47.2	+7.8	+8.0	0.89	-3.1	-10	-24	2356
<b>Avg.</b>	<b>75.6</b>	<b>-6.8</b>	<b>-0.5</b>	<b>48.5</b>	<b>+2.3</b>	<b>+2.8</b>	<b>0.92</b>	<b>-4.0</b>	<b>+3</b>	<b>0</b>	<b>2328</b>



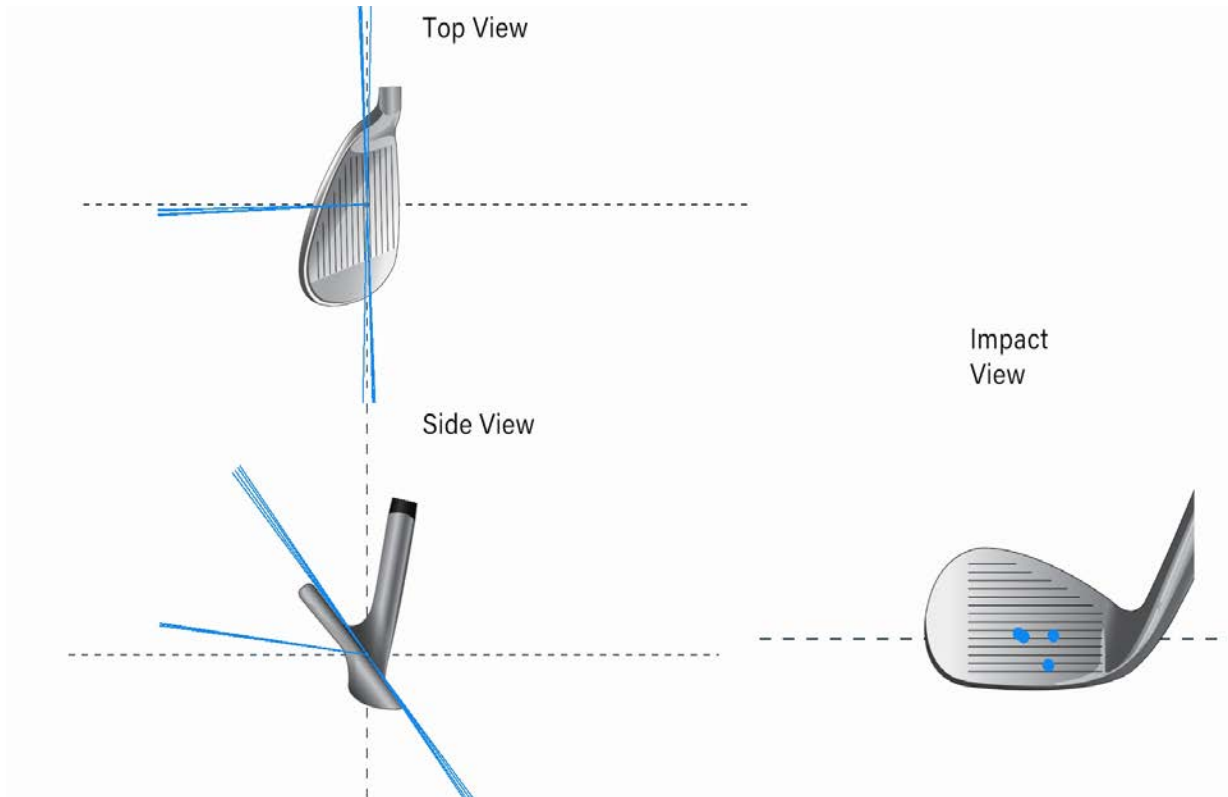


**Wedge Range**

Titleist SM7



	BALL SPEED mph	LAUNCH ANGLE deg	LAUNCH DIRECTION deg	SPIN RATE rpm	SPIN AXIS TILT deg	CARRY yds	TOTAL yds	OFFLINE yds	CURVE yds	PEAK HEIGHT ft	DESCENT ANGLE deg
1	87.2	25.5	-2.0	9474	-1.9	106.8	110.4	-5	-1	71.3	48.0
2	82.6	25.1	-1.6	8524	+1.2	100.4	104.9	-2	+1	61.4	45.3
3	80.9	24.7	+0.5	9125	+2.5	96.9	108.1	+3	+2	57.6	44.7
4	83.7	24.0	-2.4	8949	-0.3	101.9	106.2	-4	0	60.4	44.8
5	89.6	25.0	-2.4	8775	0.0	111.5	122.6	-5	+0	73.6	47.8
Avg.	84.8	24.9	-1.6	8969	+0.3	103.5	110.4	-3	+0	64.9	46.1

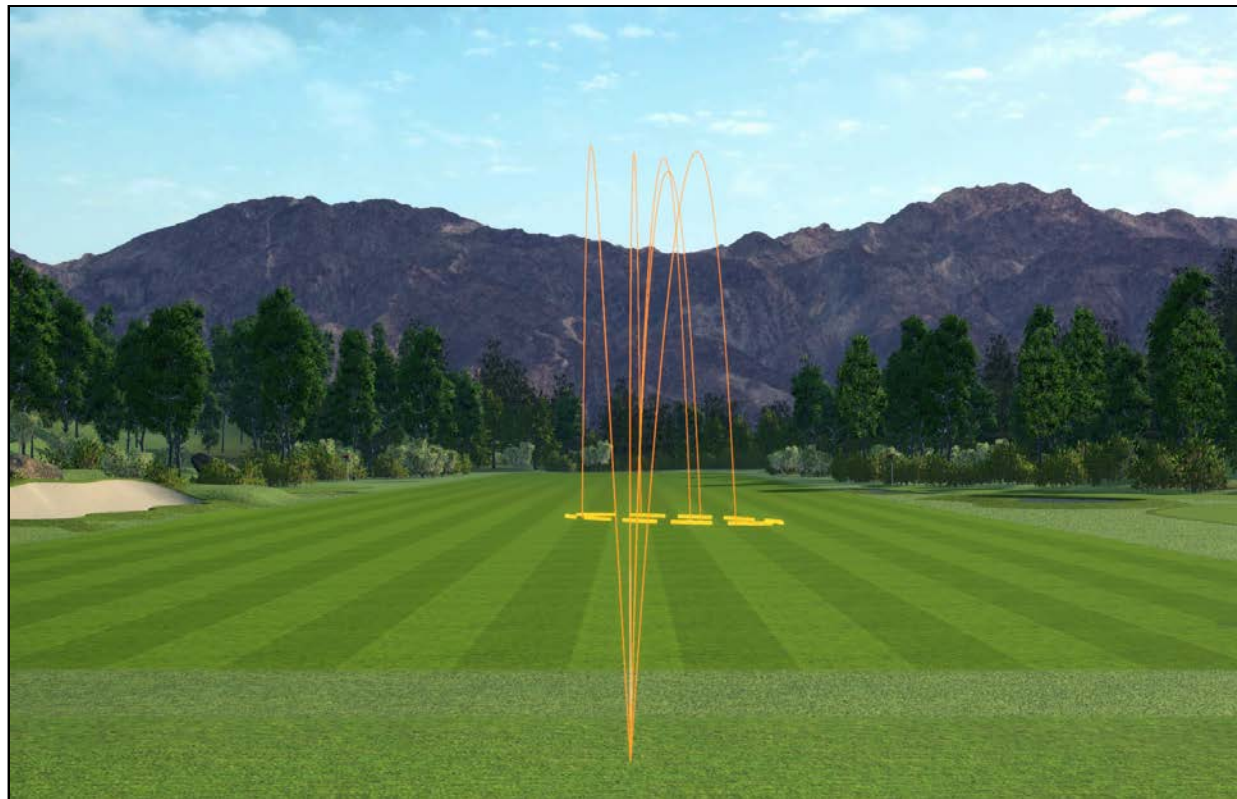


	CLUB SPEED mph	ATTACK ANGLE deg	CLUB PATH deg	DYNAMIC LOFT deg	FACE TO TARGET deg	FACE TO PATH deg	EFFICIENCY	LIE ANGLE deg	IMPACT HORIZ. mm	IMPACT VERT. mm	CLOSING RATE dps
1	-	-	-	-	-	-	-	-	-	-	-
2	78.8	-7.4	-2.3	40.0	-1.8	+0.5	1.05	-1.3	-7	+1	2432
3	77.1	-7.5	-1.3	39.1	+1.3	+2.7	1.05	-2.2	+4	+1	2293
4	80.5	-7.0	-1.5	37.4	-2.7	-1.2	1.04	-2.3	+6	+2	2496
5	78.6	-7.6	-2.6	38.1	-2.2	+0.5	1.14	-2.5	-5	-9	2390
Avg.	78.8	-7.4	-1.9	38.7	-1.3	+0.6	1.07	-2.1	-0	-1	2403

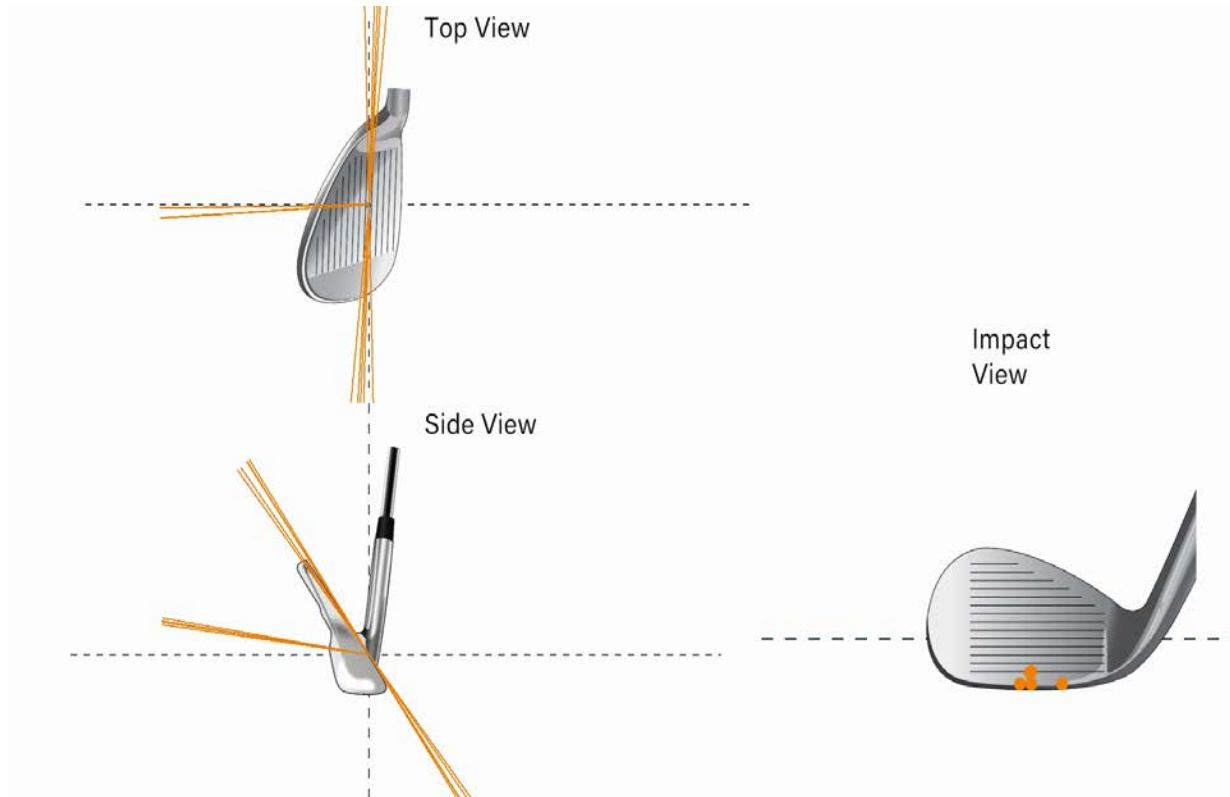


**Wedge Range**

Callaway Rogue



	BALL SPEED mph	LAUNCH ANGLE deg	LAUNCH DIRECTION deg	SPIN RATE rpm	SPIN AXIS TILT deg	CARRY yds	TOTAL yds	OFFLINE yds	CURVE yds	PEAK HEIGHT ft	DESCENT ANGLE deg
1	90.4	25.7	+3.3	9349	+6.9	111.6	115.3	+12	+6	77.5	49.5
2	96.0	23.3	+1.0	9450	+5.3	120.8	130.6	+7	+5	80.3	48.8
3	98.8	22.6	-0.2	9449	+1.6	125.4	129.2	+1	+2	83.4	48.8
4	92.8	23.6	+1.0	10174	+6.9	114.8	118.0	+8	+6	75.5	48.6
5	99.2	22.9	-2.7	9099	-0.3	126.4	136.4	-6	0	84.9	49.0
<b>Avg.</b>	<b>95.4</b>	<b>23.6</b>	<b>+0.5</b>	<b>9504</b>	<b>+4.1</b>	<b>119.8</b>	<b>125.9</b>	<b>+5</b>	<b>+4</b>	<b>80.3</b>	<b>48.9</b>



	CLUB SPEED mph	ATTACK ANGLE deg	CLUB PATH deg	DYNAMIC LOFT deg	FACE TO TARGET deg	FACE TO PATH deg	EFFICIENCY	LIE ANGLE deg	IMPACT HORIZ. mm	IMPACT VERT. mm	CLOSING RATE dps
1	79.3	-7.3	-0.8	39.0	+5.9	+6.7	1.14	-3.3	+2	-11	2330
2	83.2	-8.9	-0.9	35.8	+2.8	+3.7	1.15	-2.5	-9	-16	2213
3	83.8	-8.1	-0.9	35.6	+1.7	+2.7	1.18	-3.5	+2	-18	2517
4	81.7	-8.2	-3.2	37.9	+3.7	+6.9	1.14	-2.5	+7	-16	2571
5	83.3	-7.9	-3.4	34.9	-1.4	+2.0	1.19	-4.5	+3	-11	2503
Avg.	82.3	-8.1	-1.8	36.6	+2.5	+4.4	1.16	-3.3	+1	-14	2427

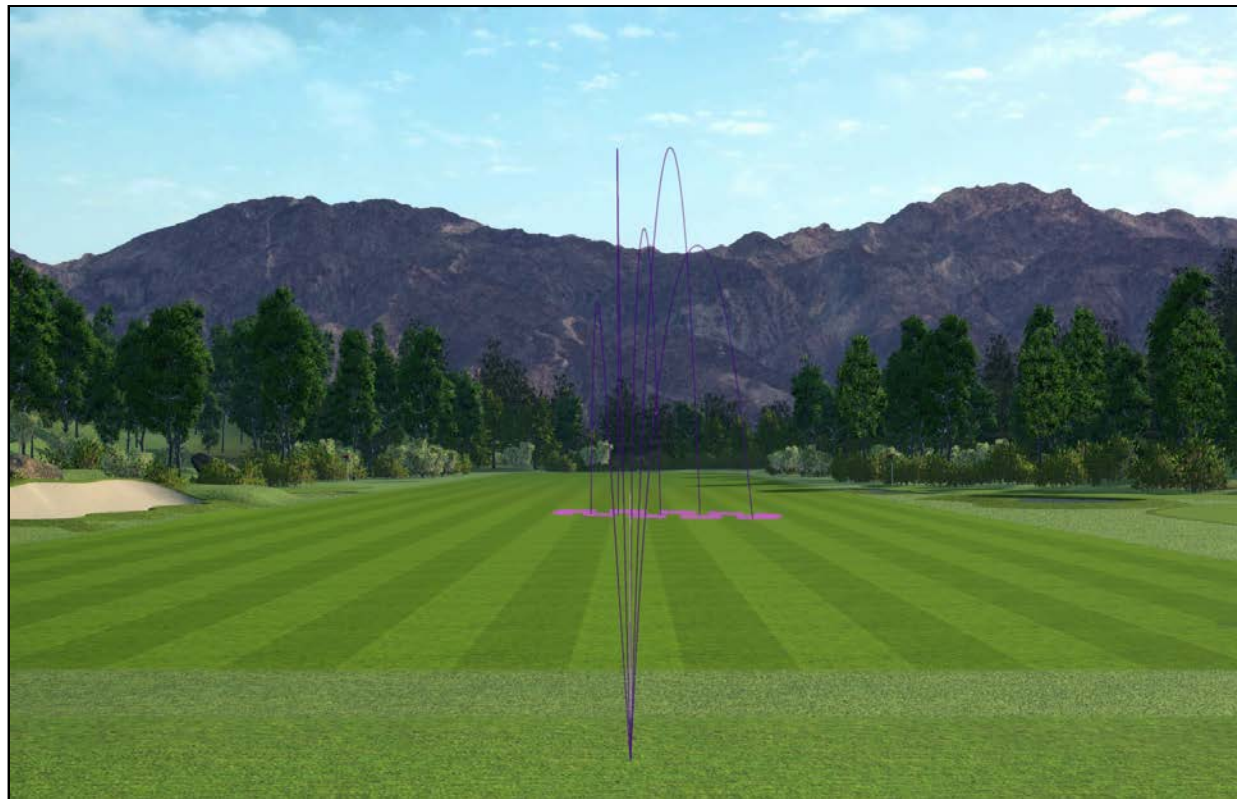


Iron

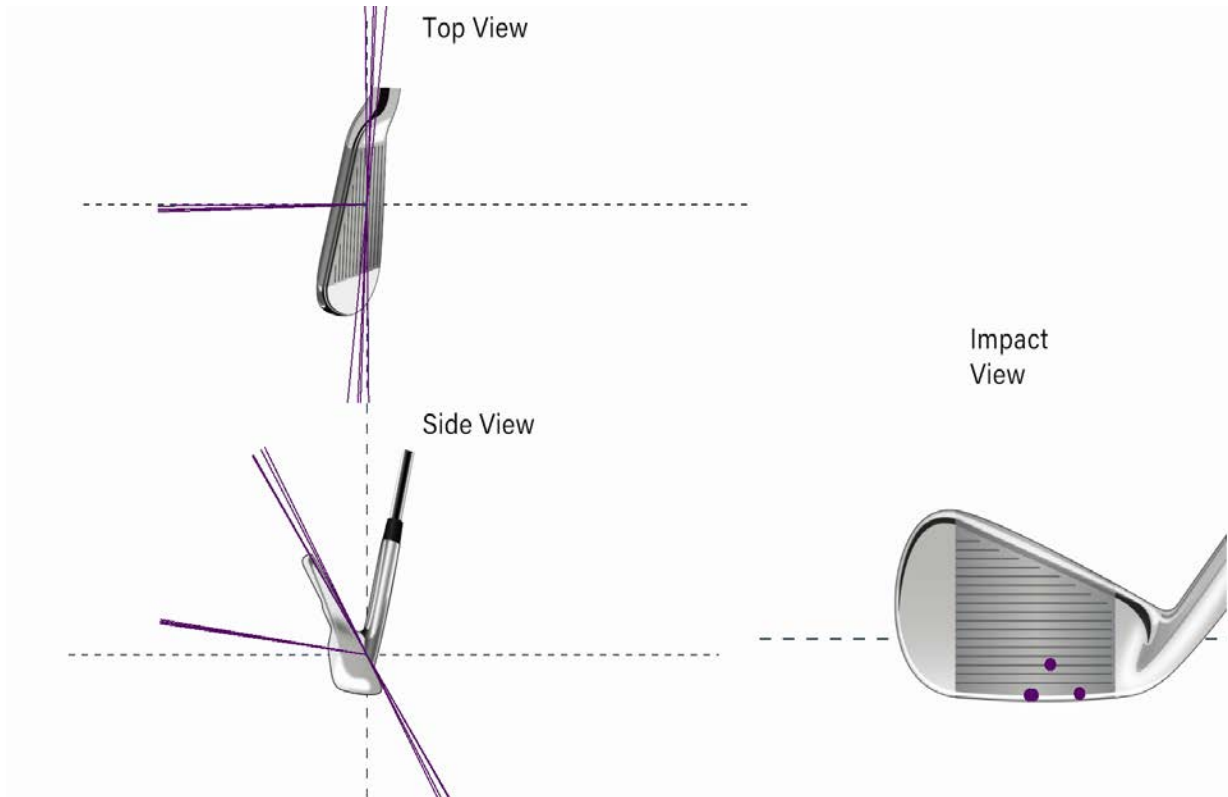


Range

Callaway Rogue



	BALL SPEED mph	LAUNCH ANGLE deg	LAUNCH DIRECTION deg	SPIN RATE rpm	SPIN AXIS TILT deg	CARRY yds	TOTAL yds	OFFLINE yds	CURVE yds	PEAK HEIGHT ft	DESCENT ANGLE deg
1	103.6	21.7	-1.2	8349	+0.9	134.8	144.9	-2	+1	87.8	48.6
2	98.1	18.2	+1.7	9024	+11.9	124.3	129.3	+15	+12	63.7	44.3
3	101.8	22.3	+1.3	8524	+5.6	131.4	136.0	+9	+6	86.6	48.9
4	101.2	18.1	0.0	8400	+3.7	131.2	142.5	+4	+4	69.3	44.1
5	104.1	13.6	-2.1	7199	-0.3	135.6	148.7	-5	0	54.4	38.1
Avg.	101.8	18.8	-0.1	8299	+4.4	131.5	140.3	+4	+5	72.3	44.8



	CLUB SPEED mph	ATTACK ANGLE deg	CLUB PATH deg	DYNAMIC LOFT deg	FACE TO TARGET deg	FACE TO PATH deg	EFFICIENCY	LIE ANGLE deg	IMPACT HORIZ. mm	IMPACT VERT. mm	CLOSING RATE dps
1	-	-	-	-	-	-	-	-	-	-	-
2	84.5	-8.5	-1.3	33.2	+6.4	+7.6	1.16	-1.6	-15	-24	2664
3	83.8	-8.1	-1.8	32.9	+3.0	+4.8	1.22	-3.7	-5	-8	2375
4	83.1	-7.9	-1.3	30.4	+2.1	+3.5	1.22	-5.2	+1	-22	2275
5	83.4	-7.6	-0.3	29.3	-0.6	-0.3	1.25	-4.6	+2	-28	2593
<b>Avg.</b>	<b>83.7</b>	<b>-8.0</b>	<b>-1.2</b>	<b>31.5</b>	<b>+2.7</b>	<b>+3.9</b>	<b>1.21</b>	<b>-3.8</b>	<b>-4</b>	<b>-20</b>	<b>2477</b>

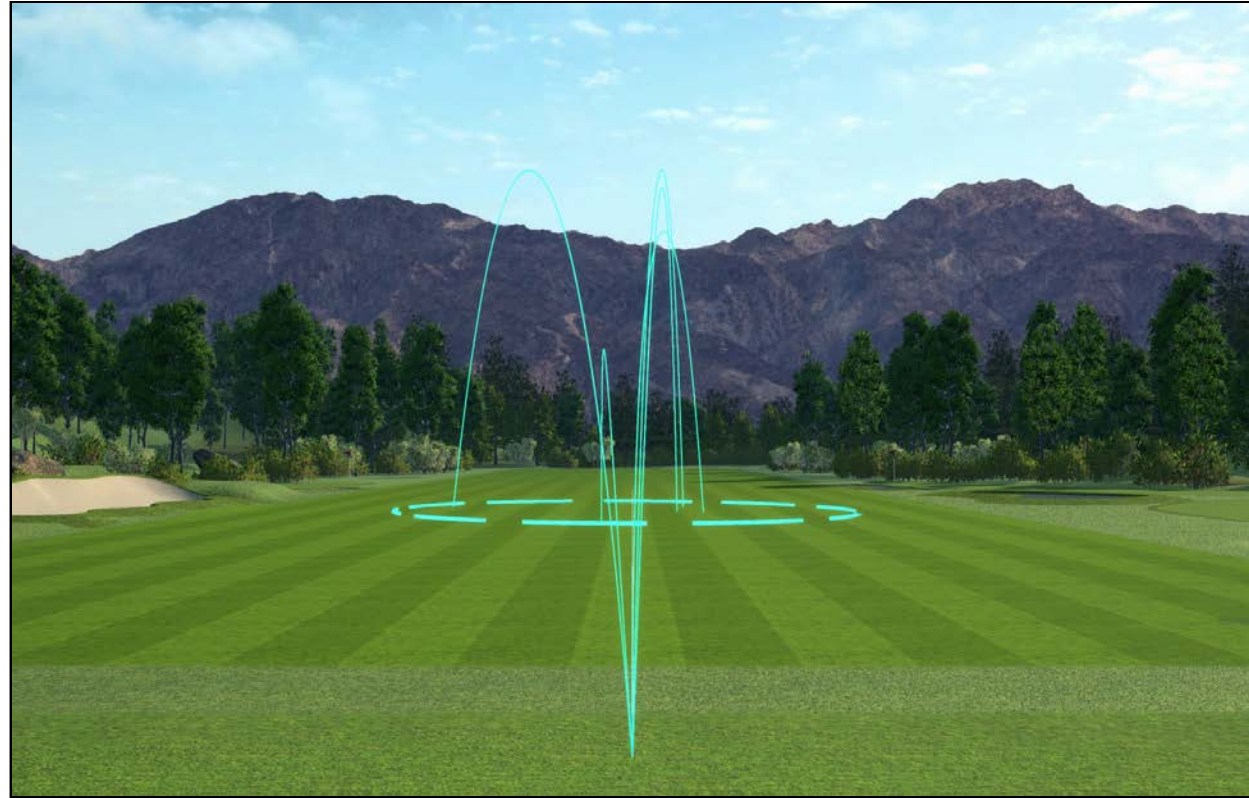


Iron

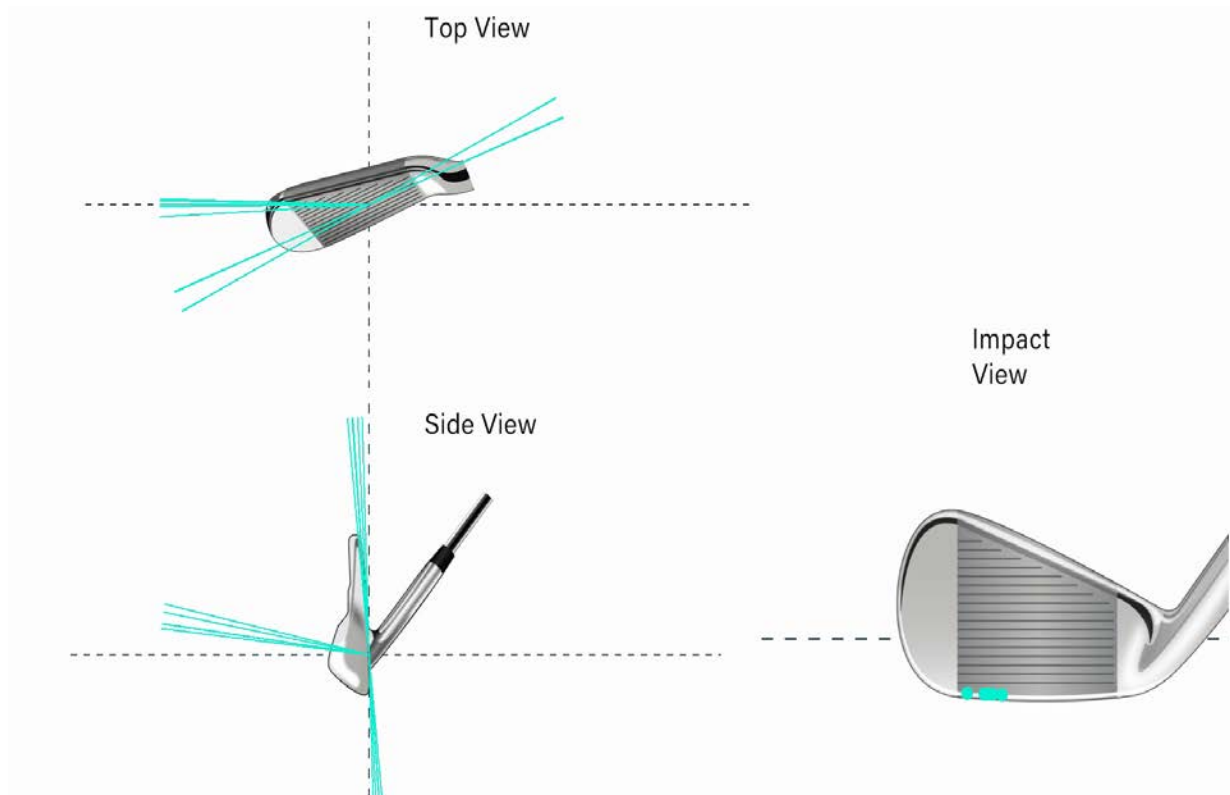


Range

Callaway Rogue



	BALL SPEED mph	LAUNCH ANGLE deg	LAUNCH DIRECTION deg	SPIN RATE rpm	SPIN AXIS TILT deg	CARRY yds	TOTAL yds	OFFLINE yds	CURVE yds	PEAK HEIGHT ft	DESCENT ANGLE deg
1	83.2	17.9	-2.5	4224	+1.9	101.7	116.8	-3	+1	37.6	32.2
2	109.4	19.7	-3.2	6450	-14.4	147.8	159.2	-26	-18	86.2	48.6
3	100.0	21.0	+1.5	6699	+2.5	132.6	143.9	+6	+3	76.9	45.7
4	109.5	18.9	+0.8	7674	+4.1	145.9	157.0	+7	+5	86.6	47.3
5	99.9	18.7	0.0	6924	+9.4	131.1	143.1	+9	+9	67.3	43.5
Avg.	100.4	19.3	-0.7	6394	+0.7	131.8	144.0	-1	+0	70.9	43.5



	CLUB SPEED mph	ATTACK ANGLE deg	CLUB PATH deg	DYNAMIC LOFT deg	FACE TO TARGET deg	FACE TO PATH deg	EFFICIENCY	LIE ANGLE deg	IMPACT HORIZ. mm	IMPACT VERT. mm	CLOSING RATE dps
1	82.0	-7.5	+0.1	3.1	+68.5	+68.5	1.02	-60.1	+16	-32	1521
2	85.4	-6.3	+1.3	1.9	+63.3	+62.0	1.28	-61.3	+26	-39	1617
3	85.0	-7.5	+0.9	4.6	+68.4	+67.4	1.18	-58.7	+19	-48	1370
4	86.1	-12.3	-0.5	5.9	+68.3	+68.9	1.27	-56.2	+14	-84	1225
5	85.0	-10.3	-3.0	4.5	+63.4	+66.4	1.17	-56.6	+17	-47	1418
Avg.	84.7	-8.8	-0.2	4.0	+66.4	+66.6	1.18	-58.6	+18	-50	1430



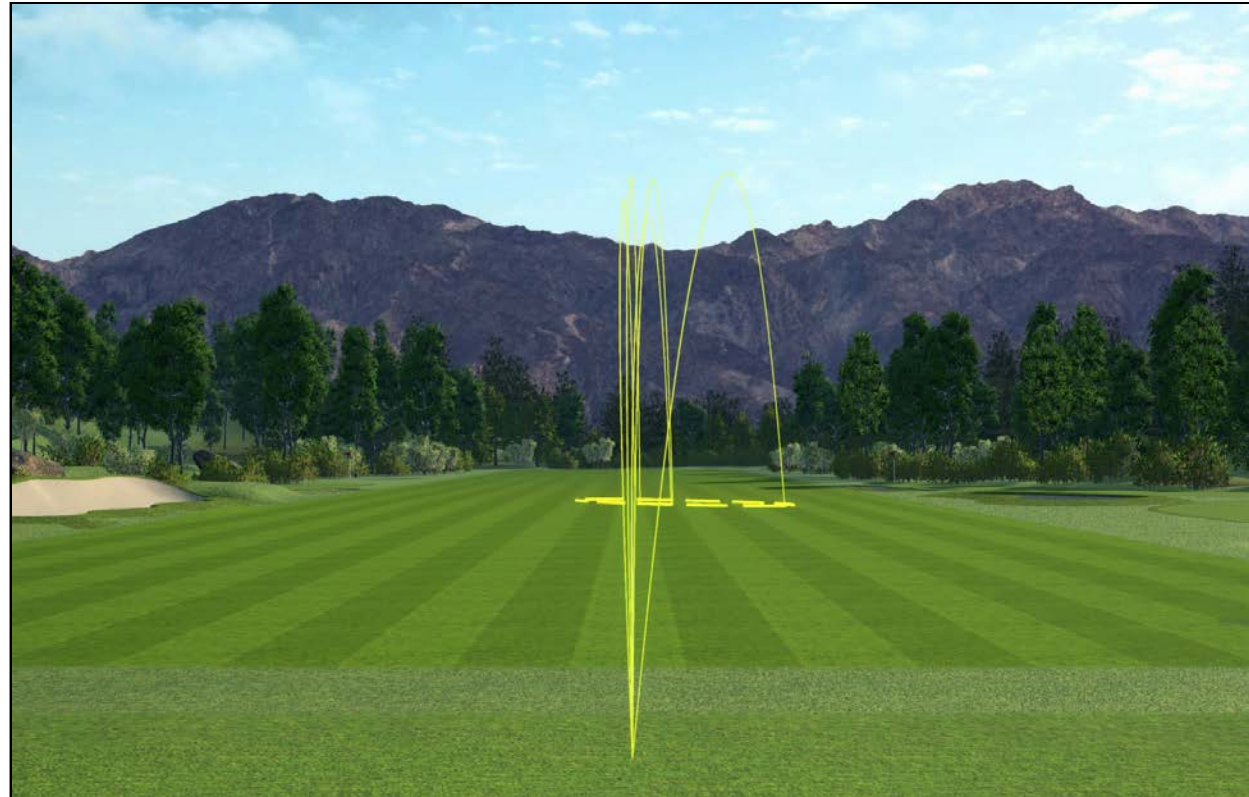


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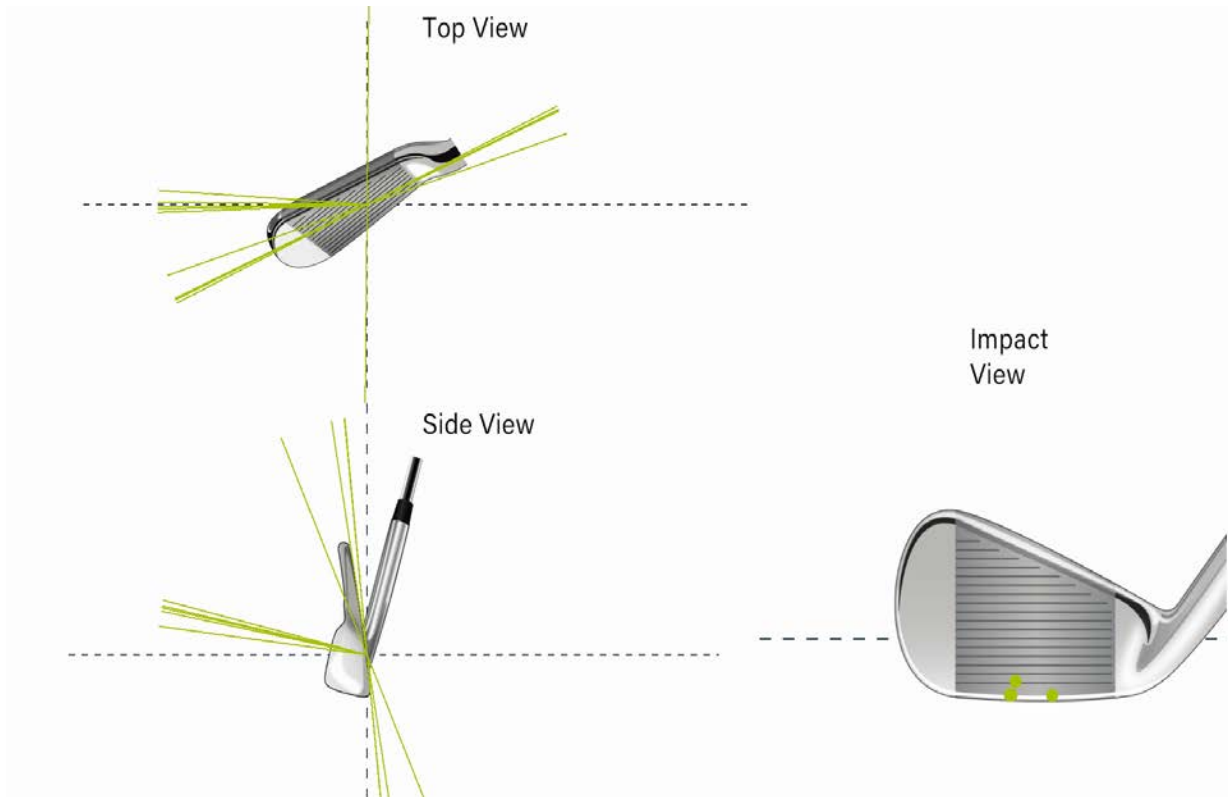


Range

Callaway Rogue



	BALL SPEED mph	LAUNCH ANGLE deg	LAUNCH DIRECTION deg	SPIN RATE rpm	SPIN AXIS TILT deg	CARRY yds	TOTAL yds	OFFLINE yds	CURVE yds	PEAK HEIGHT ft	DESCENT ANGLE deg
1	112.5	16.7	-0.3	5599	+5.3	156.6	169.0	+6	+7	78.9	43.7
2	113.4	18.3	+3.7	6749	+9.7	154.1	165.4	+23	+13	88.8	48.0
3	116.3	16.4	-1.4	5975	+3.1	162.0	174.1	+0	+4	85.1	44.9
4	120.5	16.6	-0.7	6149	+2.2	168.2	181.0	+1	+3	93.6	46.5
5	116.0	17.4	+0.2	6275	+4.1	160.4	172.2	+6	+6	89.8	46.4
Avg.	115.7	17.1	+0.3	6149	+4.9	160.2	172.3	+7	+7	87.2	45.9



	CLUB SPEED mph	ATTACK ANGLE deg	CLUB PATH deg	DYNAMIC LOFT deg	FACE TO TARGET deg	FACE TO PATH deg	EFFICIENCY	LIE ANGLE deg	IMPACT HORIZ. mm	IMPACT VERT. mm	CLOSING RATE dps
1	85.5	-11.4	-0.6	6.2	+65.5	+66.1	1.32	-56.3	+9	-89	1284
2	84.2	-13.2	+3.5	9.8	+72.6	+69.2	1.35	-54.2	-13	-156	1156
3	87.7	-11.8	-1.1	6.1	+66.7	+67.9	1.33	-56.6	+9	-98	1288
4	86.5	-10.6	+0.6	6.2	+66.4	+65.8	1.39	-56.6	+9	-105	1389
5	86.4	-6.8	-1.9	24.3	+0.6	+2.5	1.34	-2.1	+7	-13	2770
Avg.	86.1	-10.8	+0.1	10.5	+54.4	+54.3	1.34	-45.2	+4	-92	1577

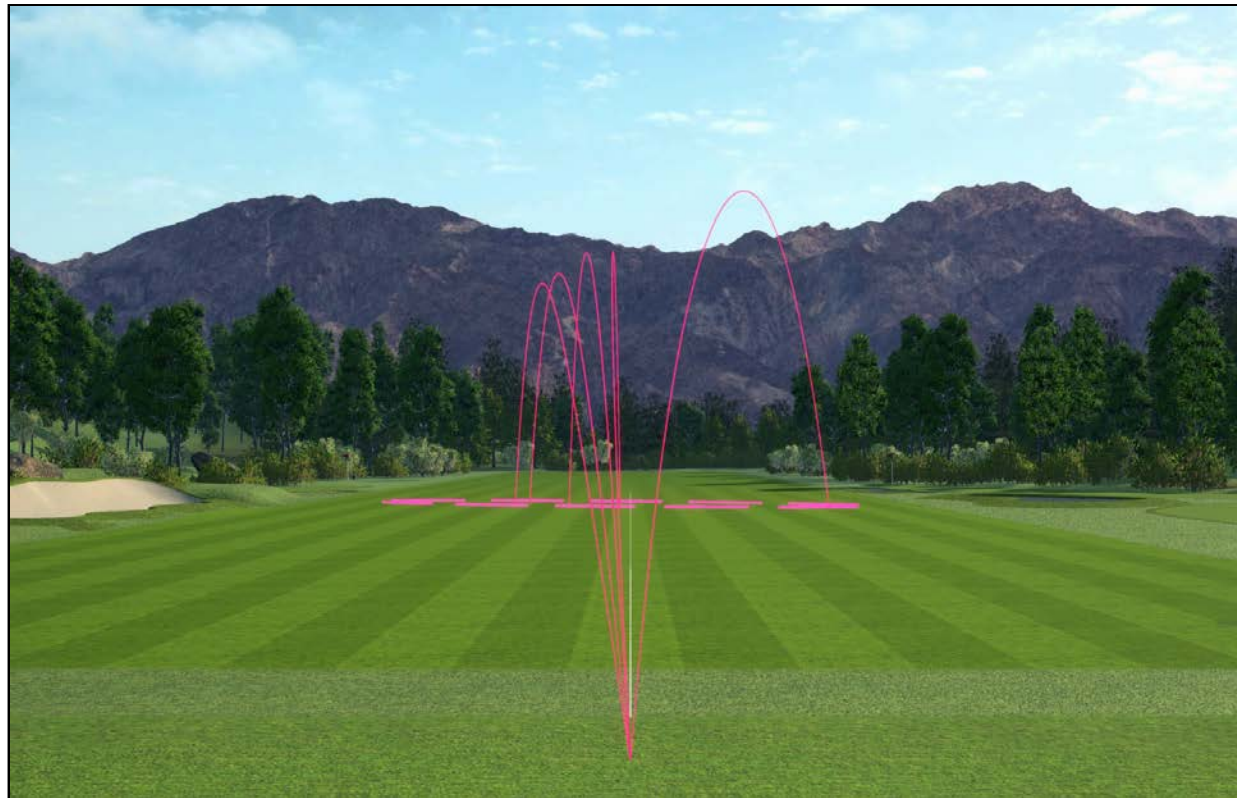


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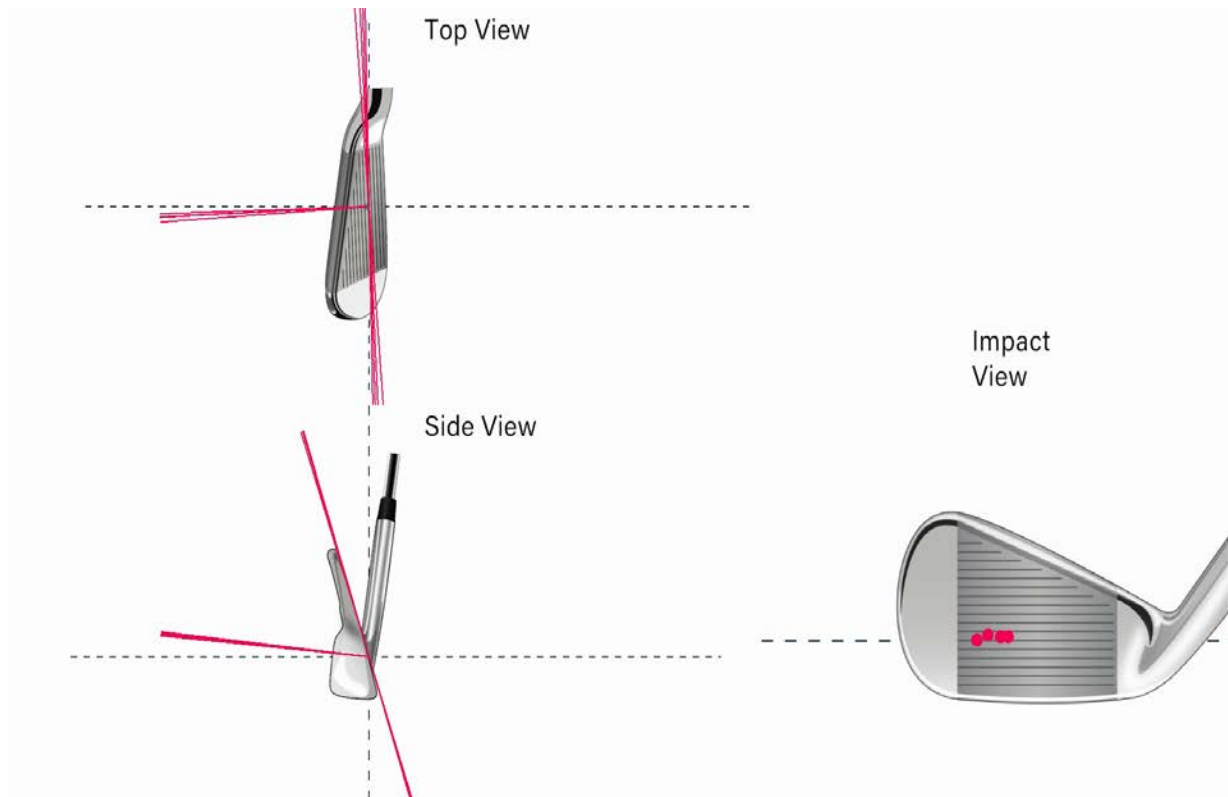


Range

Callaway Rogue



	BALL SPEED mph	LAUNCH ANGLE deg	LAUNCH DIRECTION deg	SPIN RATE rpm	SPIN AXIS TILT deg	CARRY yds	TOTAL yds	OFFLINE yds	CURVE yds	PEAK HEIGHT ft	DESCENT ANGLE deg
1	116.6	17.4	+3.0	5949	+16.2	160.8	172.8	+31	+22	86.9	48.1
2	113.1	14.1	-4.8	3899	-3.7	163.1	173.5	-18	-4	63.3	37.6
3	116.1	14.7	-2.1	4349	-2.8	167.9	177.4	-10	-4	72.6	40.2
4	115.1	14.0	-3.4	4274	-5.0	165.2	174.9	-16	-6	66.6	38.8
5	114.0	15.0	-1.7	4750	+2.5	162.1	175.8	-2	+3	71.7	40.5
Avg.	115.0	15.1	-1.8	4644	+1.4	163.8	174.9	-3	+2	72.2	41.0



	CLUB SPEED mph	ATTACK ANGLE deg	CLUB PATH deg	DYNAMIC LOFT deg	FACE TO TARGET deg	FACE TO PATH deg	EFFICIENCY	LIE ANGLE deg	IMPACT HORIZ. mm	IMPACT VERT. mm	CLOSING RATE dps
1	-	-	-	-	-	-	-	-	-	-	-
2	87.8	-5.0	-3.8	18.3	-4.7	-0.9	1.29	-1.2	+10	+1	2774
3	89.5	-5.4	-1.8	18.5	-2.0	-0.3	1.30	-2.4	+12	+1	2461
4	89.4	-6.0	-2.6	18.2	-2.9	-0.3	1.29	-3.5	+20	+0	2714
5	90.2	-5.8	-2.5	19.0	-1.2	+1.3	1.26	-3.0	+17	+2	3136
Avg.	89.2	-5.6	-2.7	18.5	-2.7	-0.1	1.28	-2.5	+15	+1	2771

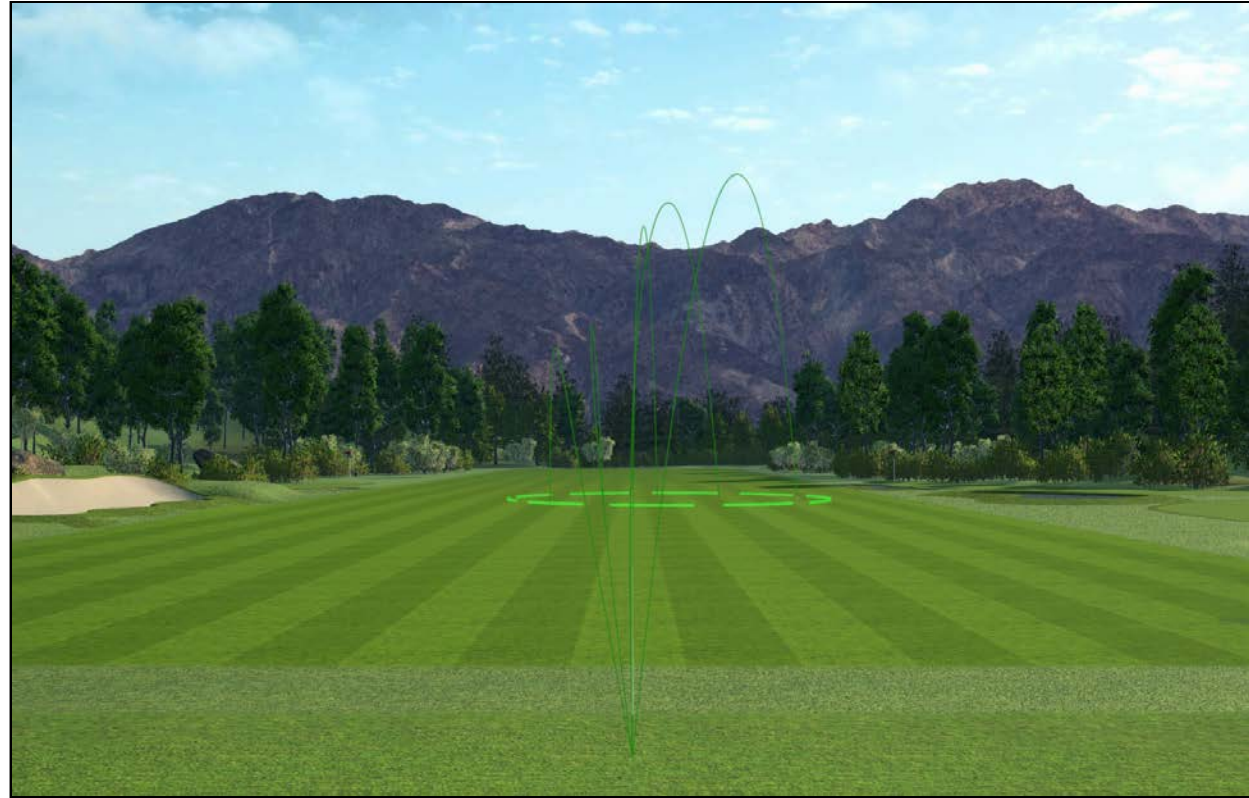


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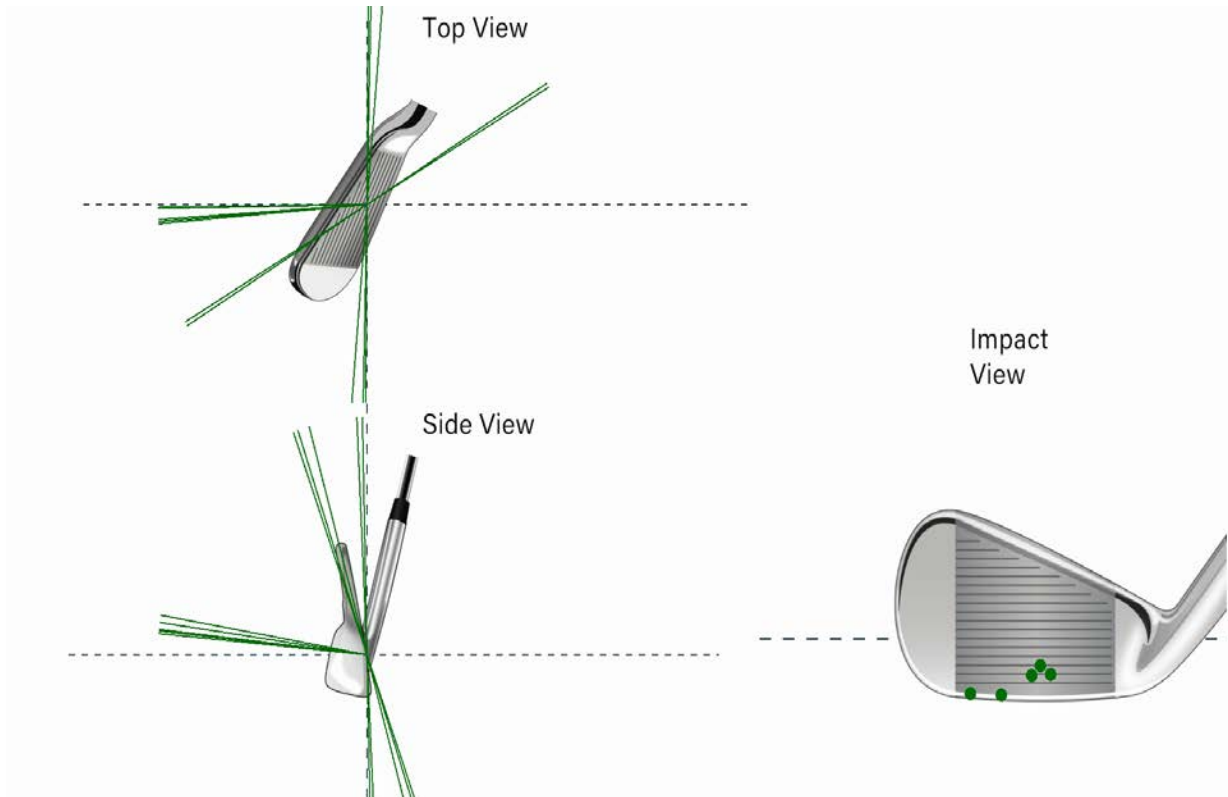


Range

Callaway Rogue



	BALL SPEED mph	LAUNCH ANGLE deg	LAUNCH DIRECTION deg	SPIN RATE rpm	SPIN AXIS TILT deg	CARRY yds	TOTAL yds	OFFLINE yds	CURVE yds	PEAK HEIGHT ft	DESCENT ANGLE deg
1	126.6	14.8	-0.7	5074	+10.6	182.5	195.5	+15	+17	91.1	45.3
2	113.3	11.1	-5.3	3150	+1.9	160.7	178.1	-13	+2	45.7	29.5
3	107.2	13.0	-3.8	3825	+5.6	148.2	159.3	-4	+6	49.2	32.5
4	129.3	13.4	-0.1	4449	+2.8	191.8	206.5	+5	+5	87.1	42.6
5	126.9	15.8	+3.6	5524	+10.3	180.8	188.4	+28	+17	98.4	47.9
Avg.	120.7	13.6	-1.3	4404	+6.3	172.8	185.6	+6	+9	74.3	39.5



	CLUB SPEED mph	ATTACK ANGLE deg	CLUB PATH deg	DYNAMIC LOFT deg	FACE TO TARGET deg	FACE TO PATH deg	EFFICIENCY	LIE ANGLE deg	IMPACT HORIZ. mm	IMPACT VERT. mm	CLOSING RATE dps
1	90.5	-5.7	-4.6	19.3	+1.3	+5.9	1.40	-4.3	-5	-11	2745
2	90.9	-9.6	-3.6	1.3	+59.3	+63.0	1.25	-60.1	+12	-66	1454
3	89.7	-7.8	-4.1	2.8	+60.4	+64.5	1.19	-61.6	+23	-43	1693
4	90.5	-6.1	-0.9	16.1	+0.4	+1.4	1.43	-4.0	-2	-8	2618
5	91.8	-5.1	-0.6	20.6	+5.0	+5.6	1.38	-2.7	+1	-11	2797
Avg.	90.7	-6.9	-2.8	12.0	+25.3	+28.1	1.33	-26.5	+6	-28	2261

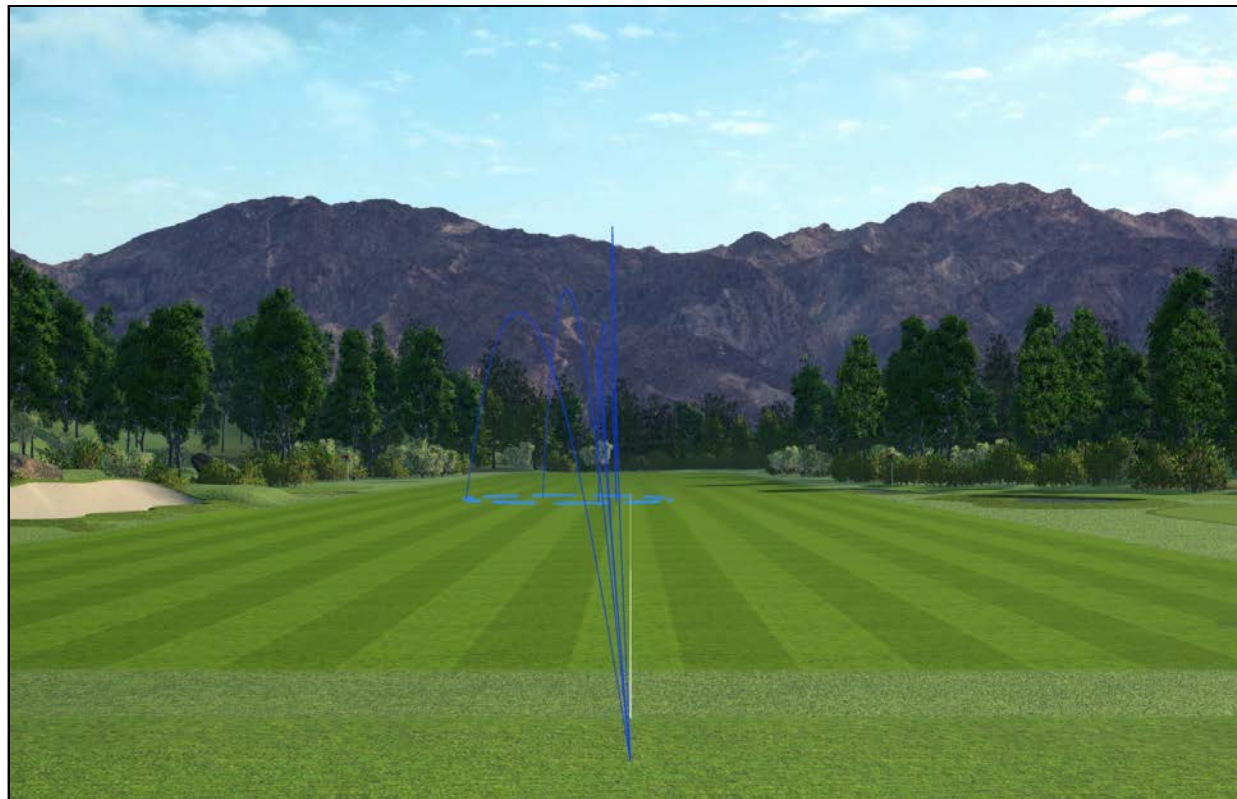


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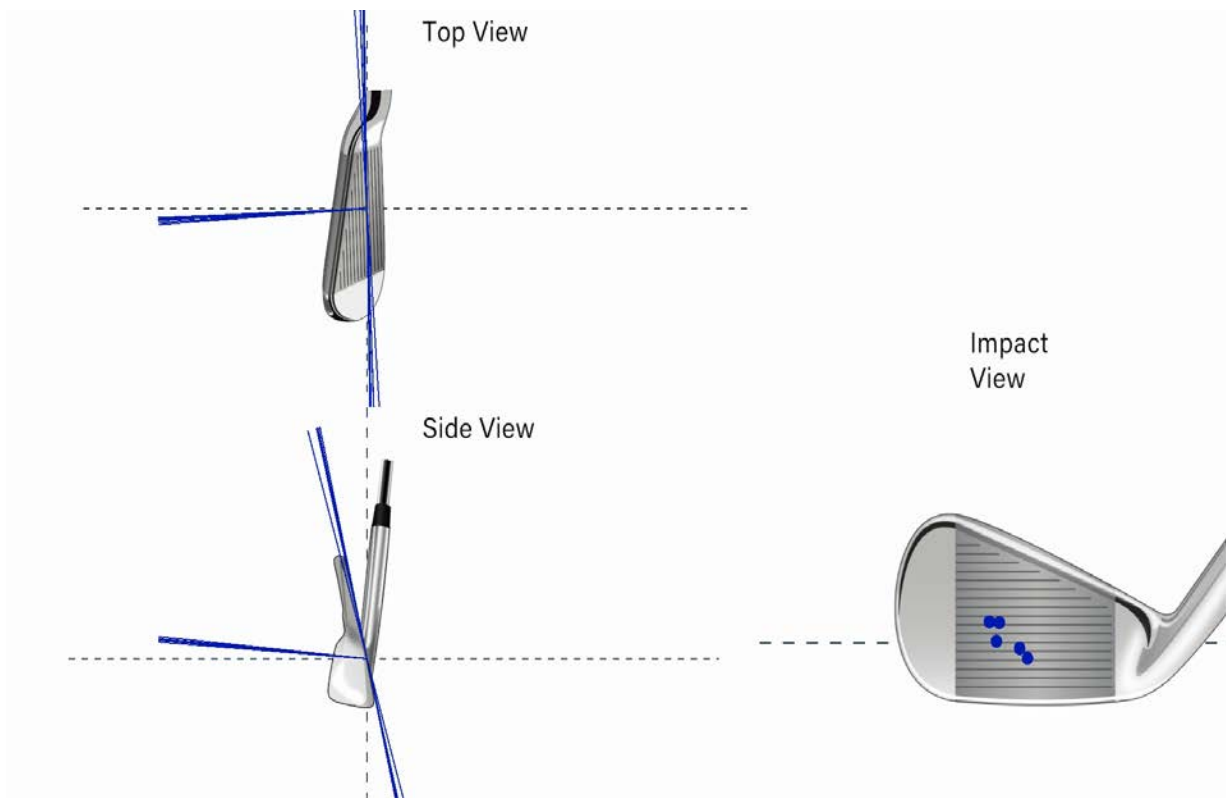


Range

Callaway Rogue



	BALL SPEED mph	LAUNCH ANGLE deg	LAUNCH DIRECTION deg	SPIN RATE rpm	SPIN AXIS TILT deg	CARRY yds	TOTAL yds	OFFLINE yds	CURVE yds	PEAK HEIGHT ft	DESCENT ANGLE deg
1	132.1	13.6	-1.4	3875	+1.2	201.8	216.2	-3	+2	90.9	42.2
2	117.7	12.1	-2.6	2999	+4.7	174.1	191.9	-2	+6	55.3	32.0
3	126.8	11.2	-4.6	3075	-10.3	191.6	209.6	-30	-14	61.3	35.5
4	130.1	11.6	-2.9	3174	-4.1	200.7	212.5	-17	-6	70.4	36.3
5	118.6	10.9	-2.5	2900	+1.9	173.7	192.3	-5	+2	49.4	29.5
Avg.	125.1	11.9	-2.8	3204	-1.3	188.4	204.5	-11	-2	65.5	35.1



	CLUB SPEED mph	ATTACK ANGLE deg	CLUB PATH deg	DYNAMIC LOFT deg	FACE TO TARGET deg	FACE TO PATH deg	EFFICIENCY	LIE ANGLE deg	IMPACT HORIZ. mm	IMPACT VERT. mm	CLOSING RATE dps
1	92.9	-4.0	-2.2	16.4	-0.9	+1.3	1.42	-5.0	+3	-5	2646
2	93.3	-4.5	-3.9	14.0	-2.2	+1.6	1.26	-5.2	+12	+6	2679
3	93.4	-4.8	-3.4	13.0	-4.0	-0.6	1.36	-6.6	+13	+0	2680
4	92.9	-4.7	-2.6	13.9	-2.2	+0.4	1.40	-6.6	+5	-2	2936
5	94.2	-5.3	-2.9	13.5	-1.3	+1.6	1.26	-6.4	+15	+6	2422
Avg.	93.4	-4.7	-3.0	14.2	-2.1	+0.9	1.34	-6.0	+10	+1	2673



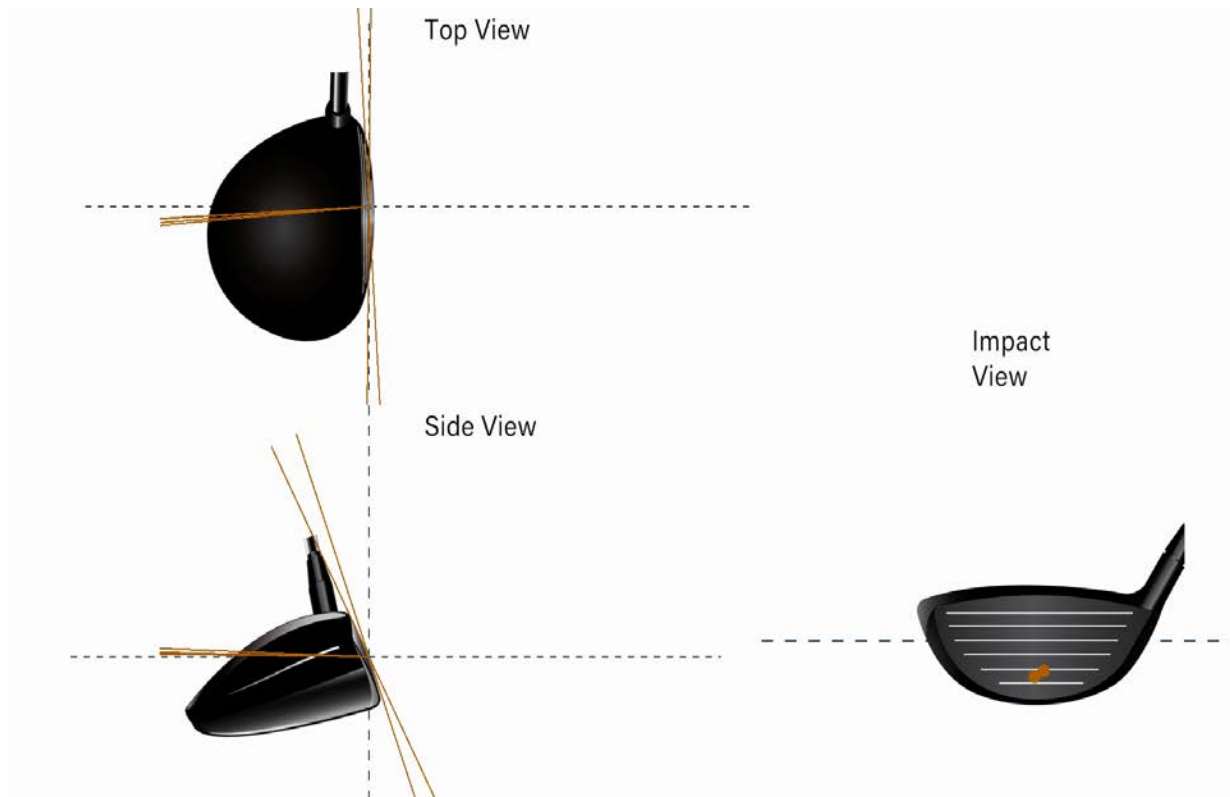


**Fairway Wood**  
**Range**

TaylorMade M4



	BALL SPEED mph	LAUNCH ANGLE deg	LAUNCH DIRECTION deg	SPIN RATE rpm	SPIN AXIS TILT deg	CARRY yds	TOTAL yds	OFFLINE yds	CURVE yds	PEAK HEIGHT ft	DESCENT ANGLE deg
1	129.8	11.1	-0.4	2400	-45.0	170.7	187.4	-39	-38	39.3	35.0
2	146.0	10.5	-1.8	4049	+5.6	223.5	238.1	+5	+12	92.7	42.0
3	147.6	7.5	-5.7	3400	+1.9	227.7	245.4	-19	+4	67.6	34.6
4	125.8	13.1	+0.4	2349	-19.4	194.3	213.5	-23	-24	61.9	34.4
5	127.7	13.4	-0.9	2200	-18.7	201.2	220.1	-27	-24	65.3	34.9
Avg.	135.4	11.1	-1.7	2880	-15.1	203.5	220.9	-21	-14	65.4	36.2

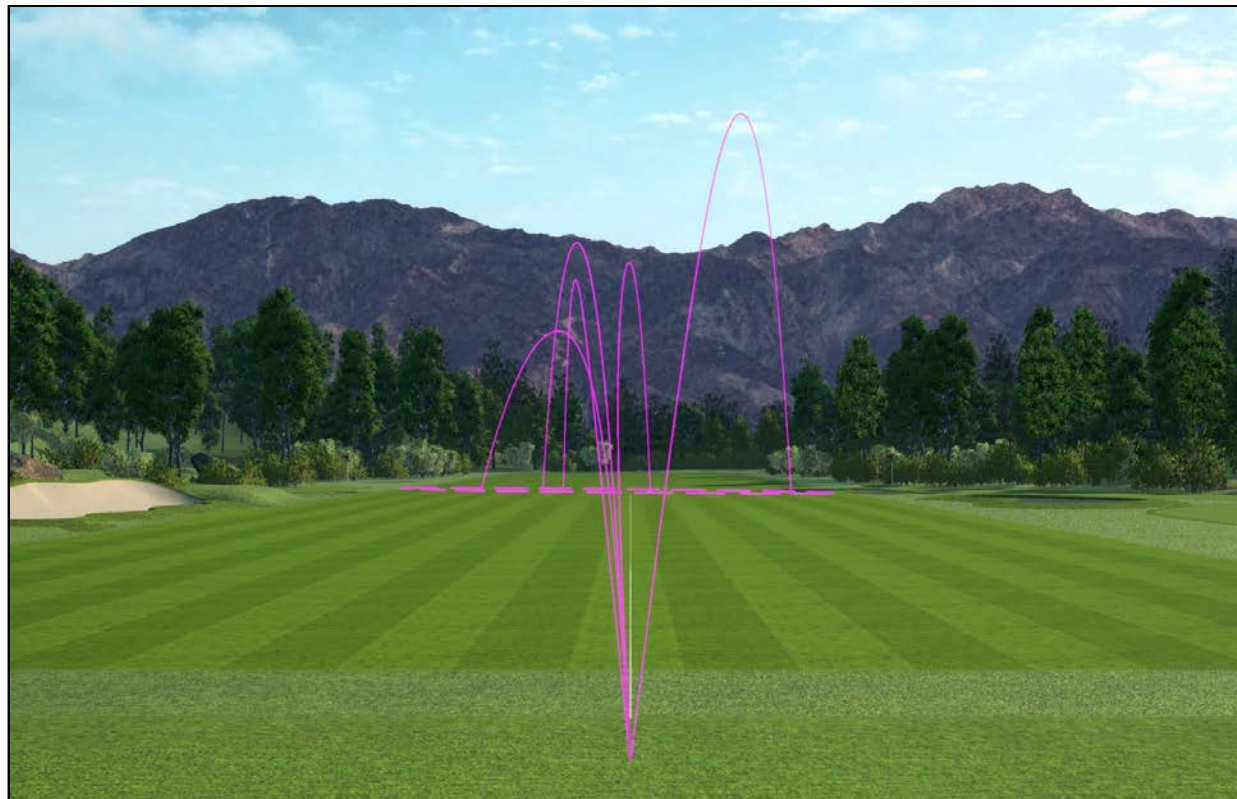


	CLUB SPEED mph	ATTACK ANGLE deg	CLUB PATH deg	DYNAMIC LOFT deg	FACE TO TARGET deg	FACE TO PATH deg	EFFICIENCY	LIE ANGLE deg	IMPACT HORIZ. mm	IMPACT VERT. mm	CLOSING RATE dps
1	95.7	-0.9	-2.9	-	-	-	1.36	-	-	-	-
2	101.4	-0.9	-3.9	27.8	+0.6	+4.5	1.44	-0.2	+1	-15	2689
3	101.6	-2.0	-4.5	20.4	-3.6	+1.0	1.45	-0.6	-3	-12	2791
4	95.5	-1.1	-2.9	-	-	-	1.32	-	-	-	-
5	94.1	-0.6	-3.0	-	-	-	1.36	-	-	-	-
<b>Avg.</b>	<b>97.7</b>	<b>-1.1</b>	<b>-3.4</b>	<b>24.1</b>	<b>-1.5</b>	<b>+2.7</b>	<b>1.38</b>	<b>-0.4</b>	<b>-1</b>	<b>-13</b>	<b>2740</b>



**Driver Range**

Titleist 913 D2



	BALL SPEED mph	LAUNCH ANGLE deg	LAUNCH DIRECTION deg	SPIN RATE rpm	SPIN AXIS TILT deg	CARRY yds	TOTAL yds	OFFLINE yds	CURVE yds	PEAK HEIGHT ft	DESCENT ANGLE deg
1	152.7	9.8	-1.3	3399	+4.7	242.6	258.0	+4	+10	91.6	40.0
2	149.0	11.7	-1.8	1549	-20.0	245.1	263.0	-34	-26	61.5	29.8
3	151.2	12.8	-1.8	2399	-6.2	257.6	274.9	-21	-13	99.6	39.4
4	138.6	18.7	+4.7	3274	+7.5	221.4	235.5	+33	+15	131.8	49.1
5	149.5	10.5	-2.8	2699	-1.5	246.0	263.2	-15	-3	84.3	36.8
Avg.	148.2	12.7	-0.6	2664	-3.1	242.5	258.9	-6	-3	93.8	39.0



	CLUB SPEED mph	ATTACK ANGLE deg	CLUB PATH deg	DYNAMIC LOFT deg	FACE TO TARGET deg	FACE TO PATH deg	EFFICIENCY	LIE ANGLE deg	IMPACT HORIZ. mm	IMPACT VERT. mm	CLOSING RATE dps
1	106.5	+1.7	-3.0	15.4	-1.3	+1.8	1.43	+0.5	+2	-4	2546
2	107.1	+2.2	-3.8	14.9	-4.7	-0.9	1.39	-1.0	+12	+14	2179
3	105.8	+2.6	-2.8	17.7	-3.6	-0.7	1.43	+1.2	+6	+6	2536
4	106.6	+3.5	-1.0	21.2	+0.8	+1.9	1.30	-0.2	+17	+21	2991
5	104.2	+1.9	-2.4	16.5	-1.7	+0.7	1.44	-0.6	-7	+2	2265
Avg.	106.0	+2.4	-2.6	17.1	-2.1	+0.5	1.40	0.0	+6	+8	2504