

<b>RH 4S Fastball</b>	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.75	90	80=0, 90=5, 100=10
Ind. Vert Break	1	18	13=0, 18=5, 23=10
Horz Break	.5	9	4-7=3, 14-19=3, 12-13=5, 7-11=7
Spin Rate	.15	2240	1800=0, 2250=5, 2600=10
RelHeight	.75	6	6.4-7=3, 5.9-6.3=5, 5.5-5.8=7, 5-5.5=9, Below 5 = 10
Extension	.5	6	Below 5.4=0, 5.5=1, 5.6=2, 5.7=3, 5.8=4, 5.9-6.2=5, 6.3=6, 6.4=7. 6.5=8... Above 6.7=10
Vert App Angle	.35	-5.2	-5 to -5.7 =2, -4.5 to -4.99 =5, -5.8 to -6.2 =5, -4 to -4.49 =8, -6.3 to -6.8 =8, Below -4 =10, Above -6.8 =10

<b>LH 4S Fastball</b>	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.75	89	79=0, 89=5, 99=10
Ind. Vert Break	1	18	13=0, 18=5, 23=10
Horz Break	.5	-9	-4 to -7 =3, -14 to -19=3, -12 to -13=5, -7 to -11=7
Spin Rate	.15	2240	1800=0, 2250=5, 2600=10
RelHeight	.75	6	6.4-7=3, 5.9-6.3=5, 5.5-5.8=7, 5-5.5=9, Below 5 = 10
Extension	.5	6	Below 5.4=0, 5.5=1, 5.6=2, 5.7=3, 5.8=4, 5.9-6.2=5, 6.3=6, 6.4=7. 6.5=8... Above 6.7=10
Vert App Angle	.35	-5.2	-5 to -5.7 =2, -4.5 to -4.99 =5, -5.8 to -6.2 =5, -4 to -4.49 =8, -6.3 to -6.8 =8, Below -4 =10, Above -6.8 =10

<b>RH 2S Fastball</b>	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.5	91	81=0, 91=5, 101=10
Ind. Vert Break	.75	13	18=0, 13=5, 8=10
Horz Break	1.25	16	8=0, 14=5, 20=10
Spin Rate	.25	2200	1750=0, 2150=5, 2550=10
RelHeight	.5	5.7	5.5-5.9=3, 5.4=4, 5.3=5... 6=4, 6.1=5, 6.2=6...
Extension	.5	5.8	Below 4.8=0, 5.8=5, 6.8 & Above=10
Vert App Angle	.25	-5.5	-5 to -6 =3, -4.5 to -5 =7 -6 to -6.5 =7, Below -4.5 =9 Above -6.5 =9

<b>LH 2S Fastball</b>	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.5	90	80=0, 90=5, 100=10
Ind. Vert Break	.75	13	18=0, 13=5, 8=10
Horz Break	1.25	-16	-8=0, -14=5, -20=10
Spin Rate	.25	2200	1750=0, 2150=5, 2550=10
RelHeight	.5	5.7	5.5-5.9=3, 5.4=4, 5.3=5... 6=4, 6.1=5, 6.2=6...
Extension	.5	5.8	Below 4.8=0, 5.8=5, 6.8 & Above=10
Vert App Angle	.25	-5.5	-5 to -6 =3, -4.5 to -5 =7 -6 to -6.5 =7, Below -4.5 =9 Above -6.5 =9

RH SI Fastball	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.5	90	80=0, 90=5, 100=10
Ind. Vert Break	1.5	11	20=0, 10=5, 0=10
Horz Break	.5	16	10=0, 16=5, 22=10
Spin Rate	.15	2200	2450=0, 2150=5, 1850=10
RelHeight	.5	5.6	5.4-5.8=3, 5-5.4=5, 5.8-6.2=5, Below 5 =7, 6.2-6.5=7, Above 6.5=10
Extension	.35	5.8	Below 4.8=0, 5.8=5, 6.8 & Above=10
Vert App Angle	.5	-5.7	Below -5 =0, -5 to -6 =3, -6 to -6.5=5, Above -6.5 =10

LH SI Fastball	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.5	89	79=0, 89=5, 99=10
Ind. Vert Break	1.5	11	20=0, 10=5, 0=10
Horz Break	.5	-16	-10=0, -16=5, -22=10
Spin Rate	.15	2200	2450=0, 2150=5, 1850=10
RelHeight	.5	5.6	5.4-5.8=3, 5-5.4=5, 5.8-6.2=5, Below 5 =7, 6.2-6.5=7, Above 6.5=10
Extension	.35	5.8	Below 4.8=0, 5.8=5, 6.8 & Above=10
Vert App Angle	.5	-5.7	Below -5 =0, -5 to -6 =3, -6 to -6.5=5, Above -6.5 =10

<b>RH CT Fastball</b>	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.5	89	79=0, 89=5, 99=10
Ind. Vert Break	.9	15	8=0, 15=5, 22=10
Horz Break	1.4	3	8=0, 3=5, -2=10
Spin Rate	.15	2275	1975=0, 2275=5, 2575=10
RelHeight	.35	5.9	5.8-6.2=2, 5.4-5.7=5, 6.3-6.6=5, Below 5.4 =8, Above 6.6=8
Extension	.35	5.8	Below 4.8=0, 5.8=5, 6.8 & Above=10
Vert App Angle	.35	-5.6	-5 to -6 =3, -4.5 to -5 =7 -6 to -6.5 =7, Below -4.5 =9 Above -6.5 =9

<b>LH CT Fastball</b>	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.5	87	77=0, 87=5, 97=10
Ind. Vert Break	.9	14	7=0, 14=5, 21=10
Horz Break	1.4	-3	-8=0, -3=5, 2=10
Spin Rate	.15	2275	1975=0, 2275=5, 2575=10
RelHeight	.35	5.9	5.8-6.2=2, 5.4-5.7=5, 6.3-6.6=5, Below 5.4 =8, Above 6.6=8
Extension	.35	5.8	Below 4.8=0, 5.8=5, 6.8 & Above=10
Vert App Angle	.35	-5.6	-5 to -6 =3, -4.5 to -5 =7 -6 to -6.5 =7, Below -4.5 =9 Above -6.5 =9

<b>RH Cutter</b>	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.4	86	76=0, 86=5, 96=10
Ind. Vert Break	1.2	10	Below 5=0, Above 17=0, 5-7=5, 14-17=5, 7-14=7
Horz Break	1.2	-2	Above 5=0, Above -8=0, 1-5=4, -5 to -8=4 -5 to 1=8
Spin Rate	.15	2325	2000=0, 2300=5, 2600=10
RelHeight	.35	5.9	5.8-6.2=2, 5.4-5.7=5, 6.3-6.6=5, Below 5.4 =8, Above 6.6=8
Extension	.35	5.9	Below 4.9=0, 5.9=5, 6.9 & Above=10
Vert App Angle	.35	-6	-5.5 to -6.5 =3, -4.5 to -5.5 =7 -6.5 to -7 =7, Below -4.5 =9 Above -7 =9

<b>LH Cutter</b>	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.4	85	75=0, 85=5, 95=10
Ind. Vert Break	1.2	10	Below 5=0, Above 17=0, 5-7=5, 14-17=5, 7-14=7
Horz Break	1.2	2	Above -5=0, Above 8=0, -1 to -5=4, 5 to 8=4, -1 to 5=8
Spin Rate	.15	2325	2000=0, 2300=5, 2600=10
RelHeight	.35	5.9	5.8-6.2=2, 5.4-5.7=5, 6.3-6.6=5, Below 5.4 =8, Above 6.6=8
Extension	.35	5.9	Below 4.9=0, 5.9=5, 6.9 & Above=10
Vert App Angle	.35	-6	-5.5 to -6.5 =3, -4.5 to -5.5 =7 -6.5 to -7 =7, Below -4.5 =9 Above -7 =9

RH Gyro Slider	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	2	83	77=0, 83=5, 89=10
Ind. Vert Break	1.2	1	Above -5 =0, Above 5=0, 3-5=4, -3 to -5=4, -3 to 3=10
Horz Break	1.2	-1.5	Above -5=0, Above 5=0, 3-5=4, -3 to -5=4, -3 to 3 =10
Spin Rate	.1	2300	2000=0, 2300=5, 2600=10
RelHeight	.3	5.8	5.6-6=2, 6-6.6=5, 5-5.6=7 Above 6.6=7, Below 5=10
Extension	.1	5.5	4.5=0, 5.5=5, 6.5=10
Vert App Angle	.1	-8	Below -7=2, -7 to -9=5, Above -9=8

LH Gyro Slider	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	2	81	75=0, 81=5, 87=10
Ind. Vert Break	1.2	1	Above -5 =0, Above 5=0, 3-5=4, -3 to -5=4, -3 to 3=10
Horz Break	1.2	1.5	Above 5=0, Above -5=0, -3 to -5=4, 3-5=4, 3 to -3 =10
Spin Rate	.1	2300	2000=0, 2300=5, 2600=10
RelHeight	.3	5.8	5.6-6=2, 6-6.6=5, 5-5.6=7 Above 6.6=7, Below 5=10
Extension	.1	5.5	4.5=0, 5.5=5, 6.5=10
Vert App Angle	.1	-8	Below -7=2, -7 to -9=5, Above -9=8

<b>RH Slider</b>	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.75	81	74=0, 81=5, 88=10
Ind. Vert Break	1	2	Above -7=0, Above 7=0, -6 to -4 =4, 4-6=4, -4 to 4=8
Horz Break	1.3	-6	Below -3 =0, -3 to -5=4, -5 to -8=8
Spin Rate	.5	2375	2075=0, 2375=5, 2675=10
RelHeight	.25	5.7	5.5-5.9=2, 5.9-6.5=5, 5.1-5.5=5, Above 6.5=8, Below 5.1=8
Extension	.1	5.5	4.5=0, 5.5=5, 6.5=10
Vert App Angle	.1	-7.5	Below -6.5=2, -6.5 to -8.5=5, Above - 8.5=8

<b>LH Slider</b>	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.75	79	72=0, 79=5, 86=10
Ind. Vert Break	1	2	Above -7=0, Above 7=0, -6 to -4 =4, 4-6=4, -4 to 4=8
Horz Break	1.3	6	Above 3 =0, 3-5=4, 5-8=8
Spin Rate	.5	2375	2075=0, 2375=5, 2675=10
RelHeight	.25	5.7	5.5-5.9=2, 5.9-6.5=5, 5.1-5.5=5, Above 6.5=8, Below 5.1=8
Extension	.1	5.5	4.5=0, 5.5=5, 6.5=10
Vert App Angle	.1	-7.5	Below -6.5=2, -6.5 to -8.5=5, Above - 8.5=8

<b>RH Slutter</b>	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.3	82	75=0, 82=5, 89=10
Ind. Vert Break	1.5	6	2=0, 6=5, 10=10
Horz Break	1.5	-6	-2=0, -6=5, -10=10
Spin Rate	.25	2350	2000=0, 2350=5, 2700=10
RelHeight	.25	5.6	5.4-5.8=2, 5.8-6.5=5, 5-5.4=7, Above 6.5=7, Below 5.1=8
Extension	.1	5.6	4.6=0, 5.6=5, 6.6=10
Vert App Angle	.1	-7	-6.5 to -7.5 =2, -5.5 to -6.5=4, -7.5 to -8.5=4, Above -8.5 =8, Below -5.5=10

<b>LH Slutter</b>	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.3	82	75=0, 82=5, 89=10
Ind. Vert Break	1.5	6	2=0, 6=5, 10=10
Horz Break	1.5	6	2=0, 6=5, 10=10
Spin Rate	.25	2350	2000=0, 2350=5, 2700=10
RelHeight	.25	5.6	5.4-5.8=2, 5.8-6.5=5, 5-5.4=7, Above 6.5=7, Below 5.1=8
Extension	.1	5.6	4.6=0, 5.6=5, 6.6=10
Vert App Angle	.1	-7	-5.5 to -8.5 =4, Above -8.5 =8, Below -5.5=10



<b>RH Sweeper</b>	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.5	79	69=0, 79=5, 89=10
Ind. Vert Break	1	0	Above -6 =2, Above 6=2, 4-6=4, -4 to -6=4, -4 to 4=10
Horz Break	1.6	-10	Below -6=0, -6 to -9= 4, -9 to -12=8, Above -12 =10
Spin Rate	.2	2450	1950=0, 2450=5, 2950=10
RelHeight	.5	5.5	5.3-5.7=3, 5-5.3=5, 5.7-6.1=5, Below 5 =7, 6.3-6.5=7, Above 6.5=10
Extension	.1	5.3	4.3=0, 5.3=5, 6.3=10
Vert App Angle	.1	-8	Above -9=2, -7 to -9 =5, Below -7 =8

<b>LH Sweeper</b>	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.5	77	67=0, 77=5, 87=10
Ind. Vert Break	1	0	Above -6 =2, Above 6=2, 4-6=4, -4 to -6=4, -4 to 4=10
Horz Break	1.6	10	Below 6=0, 6-9= 4, 9-12=8, Above 12 =10
Spin Rate	.2	2450	1950=0, 2450=5, 2950=10
RelHeight	.5	5.5	5.3-5.7=3, 5-5.3=5, 5.7-6.1=5, Below 5 =7, 6.3-6.5=7, Above 6.5=10
Extension	.1	5.3	4.3=0, 5.3=5, 6.3=10
Vert App Angle	.1	-8	Above -9=2, -7 to -9 =5, Below -7 =8

<b>RH Slurve</b>	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.75	79	73=0, 79=5, 85=10
Ind. Vert Break	1.2	-7	-3 to -5=0, -5 to -7=4, -7 to -10=7, -10 to -14=9, Above -15=10
Horz Break	1.2	-10	-3 to -5=0, -5 to -9 =4, -9 to -14=8, Above -14 =10
Spin Rate	.4	2450	2050=0, 2450=5, 2850=10
RelHeight	.25	5.8	5.6-6=2, 5-5.6=5, 6-6.4=5, 6.4-6.7= 8, Above 6.8=10
Extension	.1	5.3	4.3=0, 5.3=5, 6.3=10
Vert App Angle	.1	-9	Below -8, =3, -8 to -10 =5, Above -10 =7

<b>LH Slurve</b>	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.75	77	71=0, 77=5, 83=10
Ind. Vert Break	1.2	-7	-3 to -5=0, -5 to -7=4, -7 to -10=7, -10 to -14=9, Above -15=10
Horz Break	1.2	-10	3-5=0, 5-9 =4, 9-14=8, Above 14 =10
Spin Rate	.4	2450	2050=0, 2450=5, 2850=10
RelHeight	.25	5.8	5.6-6=2, 5-5.6=5, 6-6.4=5, 6.4-6.7= 8, Above 6.8=10
Extension	.1	5.3	4.3=0, 5.3=5, 6.3=10
Vert App Angle	.1	-9	Below -8 =3, -8 to -10 =5, Above -10 =7

RH 12/6	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.75	78	72=0, 78=5, 84=10
Ind. Vert Break	1.5	-11	Below -2=0, -2 to -5=2, -5 to -8=3, -8 to -11=5, -11 to -14=7, -14 to -17=8, Above -17=10
Horz Break	1	-4	Above -10=0, -6 to -10=5, 0 to -6=8
Spin Rate	.3	2350	1950=0, 2350=5, 2750=10
RelHeight	.25	6.1	6.3-6.7=3, 5.9-6.3=5, Below 5.9=7
Extension	.1	5.3	4.3=0, 5.3=5, 6.3=10
Vert App Angle	.1	-10	-9 to -11 =5, Below -9 =7, Above -9 =7

LH 12/6	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.75	76	70=0, 76=5, 82=10
Ind. Vert Break	1.5	-11	Below -2=0, -2 to -5=2, -5 to -8=3, -8 to -11=5, -11 to -14=7, -14 to -17=8, Above -17=10
Horz Break	1	4	Above 10=0, 6-10=5, 0-6=8
Spin Rate	.3	2350	1950=0, 2350=5, 2750=10
RelHeight	.25	6.1	6.3-6.7=3, 5.9-6.3=5, Below 5.9=7
Extension	.1	5.3	4.3=0, 5.3=5, 6.3=10
Vert App Angle	.1	-10	-9 to -11 =5, Below -9 =7, Above -9 =7

RH Traditional CH	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.35	83	Below 76=0, Above 90=0, 76-79=5, 87-90=5, 79-87=8
Ind. Vert Break	1.6	13	Above 17=0, 13-17=3, 9-13=6, Below 9=9
Horz Break	1.35	13	Below 9=0, 9-13=3, 13-17=6, Above 17=10
Spin Rate	.25	1850	Above 2350=0, 2150-2350=2, 1950-2150=5, 1750=1950=8, Below 1750 =10
RelHeight	.1	5.8	5.6-6=3, 5.2-5.6=5, 6-6.4=5, Below 5.2=7, Above 6.4 =7
Extension	.25	6	5=0, 6=5, 7=10
Vert App Angle	.1	-6.5	Below -6=2, -6 to -7 =5, Above -7=8

LH Traditional CH	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.35	81	Below 74=0, Above 88=0, 74-77=5, 85-87=5, 77-88=8
Ind. Vert Break	1.6	13	Above 17=0, 13-17=3, 9-13=6, Below 9=9
Horz Break	1.35	-13	Below -9=0, -9 to -13=3, - 13 to -17=6, Above -17=10
Spin Rate	.25	1850	Above 2350=0, 2150-2350=2, 1950-2150=5, 1750=1950=8, Below 1750 =10
RelHeight	.1	5.8	5.6-6=3, 5.2-5.6=5, 6-6.4=5, Below 5.2=7, Above 6.4 =7
Extension	.25	6	5=0, 6=5, 7=10
Vert App Angle	.1	-6.5	Below -6=2, -6 to -7 =5, Above -7=8

RH Sidespin CH	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.3	82	Below 75=0, Above 89=0, 75-78=5, 86-89=5, 78-86=8
Ind. Vert Break	1.5	5	Above 13=0, 10-13=2, 7-10=5, 3-7=8, Below 3 =10
Horz Break	1.5	16	Below 10=0, 10-14=4, 14-17=6, Above 17=10
Spin Rate	.1	1800	Everything is 5
RelHeight	.25	5.3	5.1-5.5=3, 5.5-5.9=5=5, Below 5.1=5, 6-6.3 =7, Above 6.3 =9
Extension	.25	5.9	4.9=0, 5.9=5, 6.9=10
Vert App Angle	.1	-7	Below -6=2, -6 to -8 =5, Above -8=8

LH Sidespin CH	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.3	81	Below 74=0, Above 88=0, 74-77=5, 85-88=5, 77-85=8
Ind. Vert Break	1.5	5	Above 13=0, 10-13=2, 7-10=5, 3-7=8, Below 3 =10
Horz Break	1.5	16	Below -10=0, -10 to -14=4, -14 to -17=6, Above -17=10
Spin Rate	.1	1800	Everything is 5
RelHeight	.25	5.3	5.1-5.5=3, 5.5-5.9=5=5, Below 5.1=5, 6-6.3 =7, Above 6.3 =9
Extension	.25	5.9	4.9=0, 5.9=5, 6.9=10
Vert App Angle	.1	-7	Below -6=2, -6 to -8 =5, Above -8=8

<b>RH Splitter</b>	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.1	81	Below 74=0, 74-78=3, 78-84=7, 84-90=10
Ind. Vert Break	1.1	6	Above 10 =0, 5-10=5, Below 5 =10
Horz Break	1	11	Below 5=0, 5-10=5, Above 10=10
Spin Rate	1.1	1300	Above 1600 =0, 1400-1600=4, 1200-1400=6, Below 1200=10
RelHeight	.5	5.7	6.4-7=3, 5.9-6.3=5, 5.5-5.8=7, 5-5.5=9, Below 5 = 10
Extension	.1	5.9	4.9=0, 5.9=5, 6.9=10
Vert App Angle	.1	-7.5	Below -6.5=2, -6.5 to -8.5 =5, Above - 8.5=8

<b>LH Splitter</b>	Weight (out of 5)	Average	Range (0 being worst, 10 being best)
Velocity	1.1	79	Below 72=0, 72-76=3, 76-82=7, 82-88=10
Ind. Vert Break	1.1	6	Above 10 =0, 5-10=5, Below 5 =10
Horz Break	1	-11	Below -5=0, -5 to -10=5, Above -10=10
Spin Rate	1.1	1300	Above 1600 =0, 1400-1600=4, 1200-1400=6, Below 1200=10
RelHeight	.5	5.7	6.4-7=3, 5.9-6.3=5, 5.5-5.8=7, 5-5.5=9, Below 5 = 10
Extension	.1	5.9	4.9=0, 5.9=5, 6.9=10
Vert App Angle	.1	-7.5	Below -6.5=2, -6.5 to -8.5 =5, Above - 8.5=8