



Launch Angle (Degrees°) ∓	Ball Speed (mph)	
	Height +/- 25 (ft)	Carry Distance (Yards)
	Backspin +/- 500rpm	
	Descent +/- 5°	Total Distance (Yards)

Optimal shots can be up to double the range (+/-50ft,+/-1000rpm,+/-10°descent) depending on the launch monitor and for maximizing distance in extreme conditions

Optimal Carry Distance +/- 20 yards depending on altitude, temperature, wind, etc. *Optimal Total Distance +/-20 yards depending on firmness of ground conditions*

	Senior Female		Average Female	
Launch Angle (Degrees°) ∓	80	90	100	
20°+	36 96>104 1600 28° 120>138	48 122>132 1600 30° 143>163	65 146>158 1600 32° 166>188	
19°	33 93>101 1700 27° 118>136	44 118>128 1700 29° 140>160	60 142>154 1700 31° 163>185	
18°	30 90>98 1800 26° 115>133	40 114>124 1800 28° 137>157	55 138>159 1800 30° 160>182	
17°	27 87>95 1900 25° 112>130	36 110>120 1900 27° 134>154	50 134>146 1900 29° 156>178	
16°	24 84>92 2000 24° 109>127	33 106>116 2000 26° 130>150	45 130>142 2000 28° 152>174	
15°	21 81>89 2100 23° 106>124	30 102>112 2100 25° 126>146	40 126>138 2100 27° 148>170	
14°	19 78>86 2200 22° 103>121	27 98>108 2200 24° 122>142	35 122>134 2200 26° 144>166	
13°	17 75>83 2300 21° 100>118	24 94>104 2300 23° 118>138	30 118>130 2300 25° 140>162	
12°	15 72>80 2400 20° 97>115	21 90>100 2400 22° 114>134	26 114>126 2400 24° 136>158	
11°	13 69>77 2500 19° 94>112	18 86>96 2500 21° 110>130	22 110>122 2500 23° 132>154	
10°	11 66>74 2600 18° 91>109	15 82>92 2600 20° 106>126	19 106>118 2600 22° 128>150	
9°	9 63>71 2700 16° 88>106	12 78>88 2700 18° 102>122	16 102>114 2700 21° 124>146	
8°	8 60>68 2800 14° 85>103	10 74>84 2800 16° 98>118	14 98>110 2800 19° 120>142	
7°	7 57>65 2900 12° 82>100	9 70>80 2900 14° 94>114	12 94>106 2900 17° 116>138	
6°	6 54>62 3000 10° 79>97	8 66>76 3000 12° 90>100	10 90>102 3000 15° 112>134	
5°	5 50>58 3100 8° 76>94	6 62>72 3100 10° 86>106	8 86>98 3100 13° 108>130	
4°	4 46>54 3200 6° 73>91	5 58-68 3200 8° 84>104	6 80>92 3200 11° 106>128	
3°	3 41>49 3300 4° 70>88	4 53>63 3300 6° 82>102	4 74>86 3300 9° 104>126	
2°	2 36>44 3400 3° 67>85	3 48>58 3400 5° 80>100	3 68>80 3400 7° 102>124	
1°	1 31>39 3500 2° 64>82	2 43>53 3500 4° 78>98	2 62>74 3500 5° 100>122	
0.1°	1 24>32 3600 2° 61>79	1 38>48 3600 3° 76>96	1 56>68 3600 4° 98>120	