

100 One move to better ball flight

3 Results

The subjects selected were divided into two Swing Types - A and B. Tables 1 & 2 show their original mean distance (OMD), increase in distance (ID) - (α), original mean clearance angle (OMCA), increase in clearance angle (ICA) - (β°), correlation between increase in clearance angle and increase in distance ($\alpha\beta$), standard deviation of original spray (SD-OS) and standard deviation of final spray (SD-FS). The correlation monitors the variation of one parameter (α) relative to another (β). Spray is the root-mean square deviation from target of each set of 10 shots. Subjects are listed in descending order of distance improvement.

Table 1. Swing Type A

Sr. No.	H'cap	OMD (yds.)	ID(α) (yds.)	OMCA (deg.)	ICA (β°)	Correlation ($\alpha\beta$)	SD-OS (yds.)	SD-FS (yds.)
1	20	118.0	15.6	23.6	6.6	102.96	13.9	10.9
2	12	159.4	12.85	15.55	12.575	161.58	13.3	12.8
3	17	142.1	12.6	25.5	8.92	112.392	8.8	8.0
4	7	186.9	12.4	20.0	9.55	118.42	10.7	10.7
5	20	175.8	8.4	22.57	16.715	140.406	14.2	13.7
6	10	174.2	6.6	27.5	6.5	42.9	11.1	7.9
7	12	121.5	5.5	20.8	7.7	42.35	8.4	7.5
8	18	99.4	4.4	24.3	8.5	37.4	5.3	5.1
9	11	155.4	3.9	15.28	6.92	26.988	9.4	10.4
10	9	118.2	2.8	12.3	6.075	17.01	7.9	8.9
Average		145.0	8.5		9.0	80.24		0.8

Table 2. Swing Type B

Sr. No.	H'cap	OMD (yds.)	ID(α) (yds.)	OMCA (deg.)	ICA (β°)	Correlation ($\alpha\beta$)	SD-OS (yds.)	SD-FS (yds.)
1	20	74.5	12.1	30.75	4.375	52.937	4.5	7.5
2	20	116.7	5.3	22.4	5.04	26.712	5.8	6.9
3	14	163.5	4.0	19.0	7.5	30.0	11.5	10.2
4	18	154.8	3.5	14.7	14.051	49.175	12.4	10.0
5	8	172.7	0.6	18.3	4.57	2.742	9.1	9.0
6	12	133.0	-1.6	26.6	4.4	-7.04	4.8	4.2
7	6	191.3	-4.2	20.0	5.125	-21.525	12.0	6.4
Average		143.7	2.8		6.4	19.0		0.8

4 Discussion

Great technological advances have taken place in equipment design and golf ball manufacture. However, golf swing instruction is still mostly imparted in terms of the tried and tested methods of famous golfers