SAM PuttLab
...the reference in putt training

SAM PuttLab Report

Data Comparison

Date: 16.3.2018

info@scienceandmotion.com
www.scienceandmotion.com
#SAMPuttLab
Player: Amateur HC-15
Session: Amateur HC-15

Data Summary

Project: Examples
Description: Example Project with 14 Player..
Player: Amateur HC-15
Handicap: 15
Lefthand: 
Comment: Amateur Handicap 15: Performance
Putter: Custom
Length: 35.0
Loft: 3.0
Lie: 71.0

Tendency 72.5% 79.8% 60.3% 68.2%

Player: Tour Player Swing
Session: Swing putting stroke

Data Summary

Project: Examples
Description: Example Project with 14 Player..
Player: Tour Player Swing
Handicap: +4
Lefthand: 
Comment: Tour player with a "swing putt..
Putter: Odyssey Twoball
Length: 34.0
Loft: 3.0
Lie: 71.0

Tendency 88.7% 84.0% 86.5% 86.4%
**Player:** Amateur HC-15  
**Session:** Amateur HC-15

<table>
<thead>
<tr>
<th>Face Aim</th>
<th>Consistency</th>
<th>Face Aim</th>
<th>Consistency</th>
</tr>
</thead>
<tbody>
<tr>
<td>-2.91</td>
<td>-1.33</td>
<td>-2.52</td>
<td>-1.01</td>
</tr>
<tr>
<td>-1.97</td>
<td>0.50</td>
<td>1.17</td>
<td></td>
</tr>
</tbody>
</table>

**1.2° closed**

**Face at address:**
- Closed

**Face change:**
- Closing

---

**Player:** Tour Player Swing  
**Session:** Swing putting stroke

<table>
<thead>
<tr>
<th>Face Aim</th>
<th>Consistency</th>
<th>Face Aim</th>
<th>Consistency</th>
</tr>
</thead>
<tbody>
<tr>
<td>-0.27</td>
<td>-0.69</td>
<td>-0.95</td>
<td>-1.53</td>
</tr>
<tr>
<td>-1.10</td>
<td>-0.15</td>
<td>-1.10</td>
<td></td>
</tr>
</tbody>
</table>

**0.8° closed**

**Face at address:**
- Closed

**Face change:**
- Opening
Player: Amateur HC-15
Session: Amateur HC-15

Path at Impact

-4.09
-1.46
-2.55
-1.90
-2.07
-1.57
-0.50

Path: 2.0° left

Path at impact
-10.0 0.0 10.0
left right

Path arc impact
-10.0 0.0 10.0
straight curved

Backswing ratio
0.30

Followthrough long Backswing long

Player: Tour Player Swing
Session: Swing putting stroke

Path at Impact

0.28
-0.89
-0.94
-0.17
0.67
-0.14

Path: 0.2° left

Path at impact
-10.0 0.0 10.0
left right

Path arc impact
-10.0 0.0 10.0
straight curved

Backswing ratio
0.30

Followthrough long Backswing long

Player: Tour Player Swing
Session: Swing putting stroke

Path at Impact

0.28
-0.89
-0.94
-0.17
0.67
-0.14

Path: 0.2° left

Path at impact
-10.0 0.0 10.0
left right

Path arc impact
-10.0 0.0 10.0
straight curved

Backswing ratio
0.36

Followthrough long Backswing long
**Player:** Amateur HC-15  
**Session:** Amateur HC-15

**Launch**

**Shaft:** 0.4° deloft  
**Eff. Loft:** 2.6° pos.  
( Putter Loft: 3.0 ° )

**Pred. Launch:** 2.4° up  
**Rise angle:** 1.5° up

**Pred. Spin:** neutral

---

**Player:** Tour Player Swing  
**Session:** Swing putting stroke

**Launch**

**Shaft:** 0.6° addloft  
**Eff. Loft:** 3.6° pos.  
( Putter Loft: 3.0 ° )

**Pred. Launch:** 3.5° up  
**Rise angle:** 3.0° up

**Pred. Spin:** neutral

---

**Effective loft**

- **2.6° pos.**
- **1.5° upward**

**Rise angle**

- **2.4° up**
- **3.0° upward**

**Predicted Launch**

- **2.4° up**
- **3.5° up**
**Face Rotation**

- **Amateur HC-15**
  - Total rotation: 22.2°
  - Rotation rate: 16.7 °/s
  - Start fwd. swing: 3.5° open
  - Impact: 0.4° open
  - End fwd. swing: 18.7° closed
  - Consistency: 85%
  - RotRate: 62%

- **Tour Player Swing**
  - Total rotation: 6.2°
  - Rotation rate: 11.8 °/s
  - Start fwd. swing: 3.6° open
  - Impact: 0.1° open
  - End fwd. swing: 2.6° closed
  - Consistency: 78%
  - RotRate: 94%
Player: Amateur HC-15
Session: Amateur HC-15

Stroke Dynamics

- Backswing -
  - Forward swing -

53%

Speed Consistency

Player: Tour Player Swing
Session: Swing putting stroke

Stroke Dynamics

- Backswing -
  - Forward swing -

80%

Speed Consistency

Back swing time
755 ms

Forward swing time
1010 ms

Speed at impact
1277 mm/s

Back swing time
712 ms

Forward swing time
969 ms

Speed at impact
1574 mm/s
Player: Amateur HC-15  
Session: Amateur HC-15

**Timing**

<table>
<thead>
<tr>
<th>Backswing</th>
<th>To impact</th>
<th>Forward swing</th>
</tr>
</thead>
<tbody>
<tr>
<td>755 ms</td>
<td>363 ms</td>
<td>1010 ms</td>
</tr>
</tbody>
</table>

**Rhythm Consistency**

<table>
<thead>
<tr>
<th>Backswing Rhythm</th>
<th>Impact Timing</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.08</td>
<td>0.36</td>
</tr>
</tbody>
</table>

Player: Tour Player Swing  
Session: Swing putting stroke

**Timing**

<table>
<thead>
<tr>
<th>Backswing</th>
<th>To impact</th>
<th>Forward swing</th>
</tr>
</thead>
<tbody>
<tr>
<td>712 ms</td>
<td>369 ms</td>
<td>969 ms</td>
</tr>
</tbody>
</table>

**Rhythm Consistency**

<table>
<thead>
<tr>
<th>Backswing Rhythm</th>
<th>Impact Timing</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.93</td>
<td>0.38</td>
</tr>
</tbody>
</table>