SAM PuttLab Report

Player: Amateur HC-0
Session: Amateur HC-0
Date: 20.3.2018
Summary

Project: Examples
Description: Example Project with 14 Players...
Player: Amateur HC-0
Handicap: 0
Lefthand: 
Comment: Amateur Handicap 0 example data...
Session: 001 - Amateur HC-0
Description: Amateur Measurement
Type: Measurement
File: 001 - Amateur HC-0
Date: 23.02.2010
Putts: 7
Putter: -
Length: 34.0
Loft: 3.0
Lie: 71.0

Tendency:
- Aim, Face, Path, Spot, Rotation
Timing:
- Swing durations, Impact timing, Rhythm
Consistency:
- Repeatability of all relevant aspects
Overall performance:
- 25% Tendency
- 25% Timing
- 50% Consistency

For more information, please press F1

Tendency: 75.7%
Timing: 76.3%
Consistency: 89.9%
Overall Performance: 83.0%
Player: Amateur HC-0  
Session: Amateur HC-0

Face Aim

2.2° closed

Face at address

2.2° closed

Face change

0.8° opening

63%  
85%

Aim  
Consistency
Direction

Face at impact
-1.19
-1.96
-0.71
-1.83
-1.92
-1.24
-1.36
1.5° closed

Path at impact
0.9° right

Ball direction
1.1° left
Path at impact: 0.9° right

Path at impact: 0.9° right
Path arc impact: 16.9°/m curved
Backswing ratio: 0.29
Consistency: 93%
Path: 90%
Impact Spot

Player: Amateur HC-0  
Session: Amateur HC-0

Impact spot

-30.0 -20.0 -10.0 0.0 10.0 20.0 30.0

<table>
<thead>
<tr>
<th>toe</th>
<th>heel</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
<td>5.0</td>
</tr>
<tr>
<td>10.0</td>
<td>15.0</td>
</tr>
<tr>
<td>20.0</td>
<td>25.0</td>
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</tbody>
</table>

Height on Face

-8.00 -6.00 -4.00 -2.00 0.00 2.00 4.00 6.00 8.00

<table>
<thead>
<tr>
<th>low</th>
<th>high</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
<td>5.0</td>
</tr>
<tr>
<td>10.0</td>
<td>15.0</td>
</tr>
<tr>
<td>20.0</td>
<td>25.0</td>
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</tbody>
</table>

Lie at impact

-8.00 -6.00 -4.00 -2.00 0.00 2.00 4.00 6.00 8.00

<table>
<thead>
<tr>
<th>toe down</th>
<th>toe up</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
<td>5.0</td>
</tr>
<tr>
<td>10.0</td>
<td>15.0</td>
</tr>
<tr>
<td>20.0</td>
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</tbody>
</table>

2.0 mm heel

86% 99%

Spot Consistency

2.0 ° toe up

14.90 mm

1.66 3.20 0.96 2.71 2.19 1.48 1.87
Player: Amateur HC-0
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Launch

Side view

Putter at impact: 6.4 mm high

Shaft angle: 1.6° addloft
Effective Loft: 4.6° pos.
(Putter Loft: 3.0°)

Pred. Launch: 4.2° up

Rise angle: 2.8° up

Pred. Spin: back

Effective loft

Rise angle

Predicted Launch

4.6° positive

2.8° upward

4.2° up
Face Rotation

![Diagram of face rotation with various angles and measurements]

**Face angle [deg]**
- Open: 15°
- Closed: 10.5°

**Rotation rate:** 34.3 °/s (closing)

**Consistency:** 84% (RotRate), 88% (Consistency)

**Rotation before impact (inside 10 cm):**
- 2.7° closing

**Rotation after impact (inside 10 cm):**
- 2.5° closing

**Rotation rate at Impact:**
- 34.3°/s closing

**Total rotation:** 13.5°
Face rel. to path
(at impact)
2.3° closed

Rotation rel. to path
(inside of impact zone)
1.0° closing

Path arc impact
16.9 °/m curved
**Dynamics**

**Back swing time**
- **Short**: 0 to 700 ms
- **Long**: 850 to 1200 ms
- **Average**: 743 ms

**Forward swing time**
- **Short**: 0 to 900 ms
- **Long**: 1050 to 1200 ms
- **Average**: 1002 ms

**Speed at impact**
- **Slow**: 700 to 1300 mm/s
- **Fast**: 1600 to 2500 mm/s
- **Average**: 1376 mm/s

**Speed Consistency**
- 90%
**Timing**

**Backswing**
- Time: 743 ms
- Rhythm: 2.37
  - Fast: 1.20
  - Slow: 2.55

**To impact**
- Time: 314 ms
- Timing: 0.32
  - Early: 0.00
  - Late: 0.80

**Forward swing**
- Time: 1002 ms
- Consistency: 92%

**Graphs and Data**:
- Visual representation of timing intervals for backswing, to impact, and forward swing.
- Rhythm and timing consistency metrics.

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