

Name: Mike Klais

Report ID:  
 17

Notes: SKG für Projekt 230m und 260m Carry

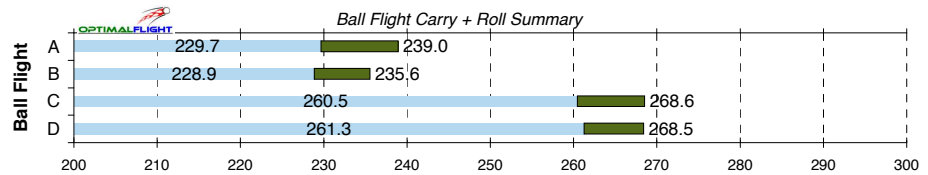
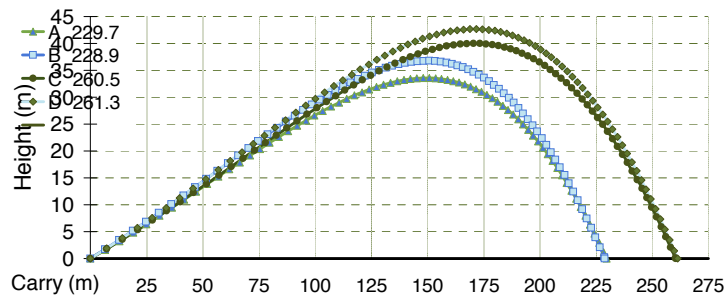
Location: Nienburg

Date: 1.19.11

Club/Shaft:

	Driver	Driver	Driver	Driver
FLIGHT:	A	B	C	D
BALL SPD (mph):	150.0 <small>ClubSpd 102.0 Ratio: 1.47</small>	150.0 <small>ClubSpd 102.0 Ratio: 1.47</small>	166.0 <small>ClubSpd 112.0 Ratio: 1.48</small>	166.0 <small>ClubSpd 112.0 Ratio: 1.48</small>
LAUNCH (deg):	14 <small>Push/Pull</small>	15 <small>Push/Pull</small>	14 <small>Push/Pull</small>	15 <small>Push/Pull</small>
BackSPIN (rpm):	3,270 <small>SideSpin</small>	3,415 <small>SideSpin</small>	2,974 <small>SideSpin</small>	2,965 <small>SideSpin</small>
Carry (m):				
<b>OPTIMALFLIGHT</b>	<b>229.7</b> 239.0	<b>228.9</b> 235.6	<b>260.5</b> 268.6	<b>261.3</b> 268.5

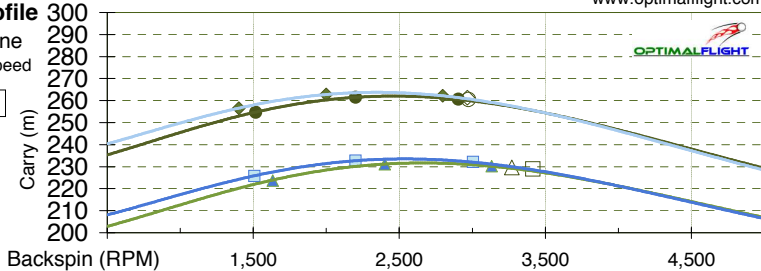
Flight Time, Wind, Altitude: 7.06, No Wind, Sea Lvl 7.31, No Wind, Sea Lvl 7.61, No Wind, Sea Lvl 7.77, No Wind, Sea Lvl  
 Landing Angle, Roll, Apex: 41.6 9.3 33.6 44.3 6.7 36.8 43.6 8.1 40.0 44.5 7.2 42.7  
 OPTIMALFLIGHT validation of CARRY:



**Optimal Carry Profile**  
 with Max ROLL Zone  
 Launch Angle @ Ball Speed

○ Actual shot result

- ▲ A: 14°@150.0
- B: 15°@150.0
- C: 14°@166.0
- ◆ D: 15°@166.0



	CURRENT	OPTIMAL	+/-	A	CURRENT	OPTIMAL	+/-	B	CURRENT	OPTIMAL	+/-	C	CURRENT	OPTIMAL	+/-	D
Total Distance & FLIGHT #:	239.0	253.7		A	235.6	256.0		B	268.6	285.5		C	268.5	287.6		D
Carry (m)	229.7	231.2	1		228.9	232.7	4		260.5	261.5	1		261.3	262.8	1	
ROLL:	9.3	22.5	13		6.7	23.3	17		8.1	24.1	16		7.2	24.8	18	
SPIN:	3,270	2,380	-890		3,415	2,250	-1,165		2,974	2,210	-764		2,965	2,100	-865	
OPTIMAL Distance Zone:	NO	1613-3147			NO	1559-2941			NO	1527-2893			NO	1500-2700		

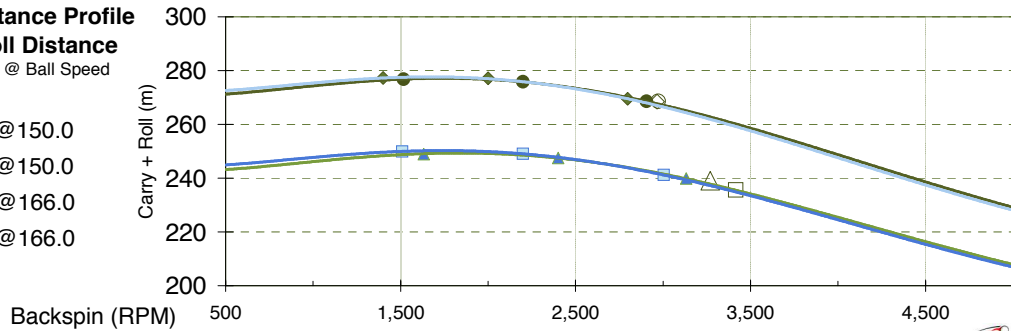


**Optimal Distance Profile**

**Carry + Roll Distance**

Launch Angle @ Ball Speed

- ▲ A: 14°@150.0
- B: 15°@150.0
- C: 14°@166.0
- ◆ D: 15°@166.0



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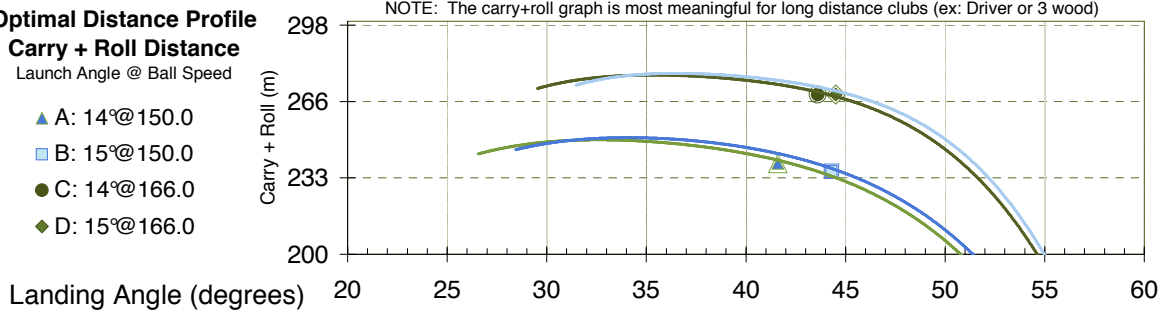
**Optimal Distance Profile**

**Carry + Roll Distance**

Launch Angle @ Ball Speed

- ▲ A: 14°@150.0
- B: 15°@150.0
- C: 14°@166.0
- ◆ D: 15°@166.0

NOTE: The carry+roll graph is most meaningful for long distance clubs (ex: Driver or 3 wood)

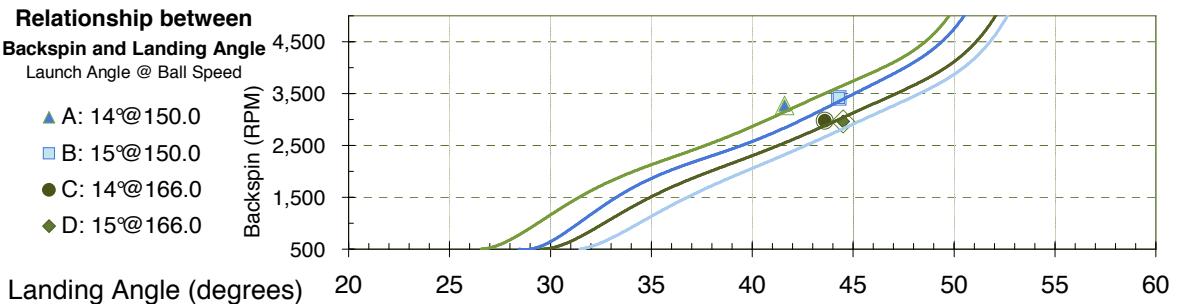


**Relationship between**

**Backspin and Landing Angle**

Launch Angle @ Ball Speed

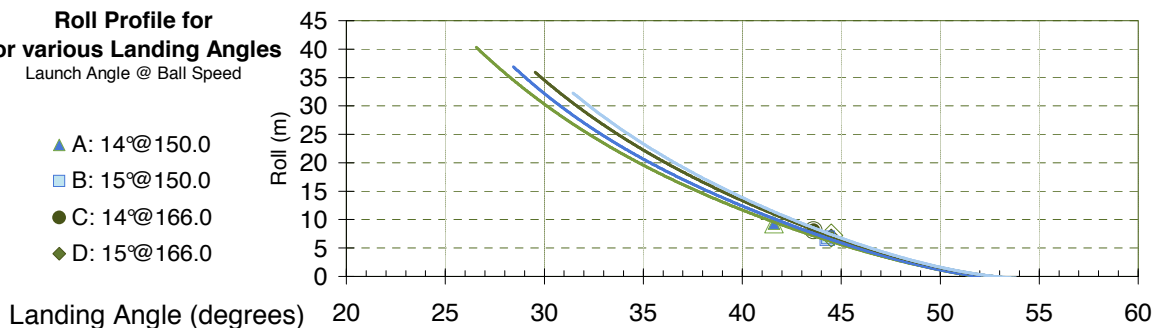
- ▲ A: 14°@150.0
- B: 15°@150.0
- C: 14°@166.0
- ◆ D: 15°@166.0



**Roll Profile for various Landing Angles**

Launch Angle @ Ball Speed

- ▲ A: 14°@150.0
- B: 15°@150.0
- C: 14°@166.0
- ◆ D: 15°@166.0



**Ball Flight Carry + Roll Summary**

