S&L Consult + Golf GmbH
Martin Stecher

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OPTIMALFLIGHT™
SUMMARY REPORT

Report ID: 15

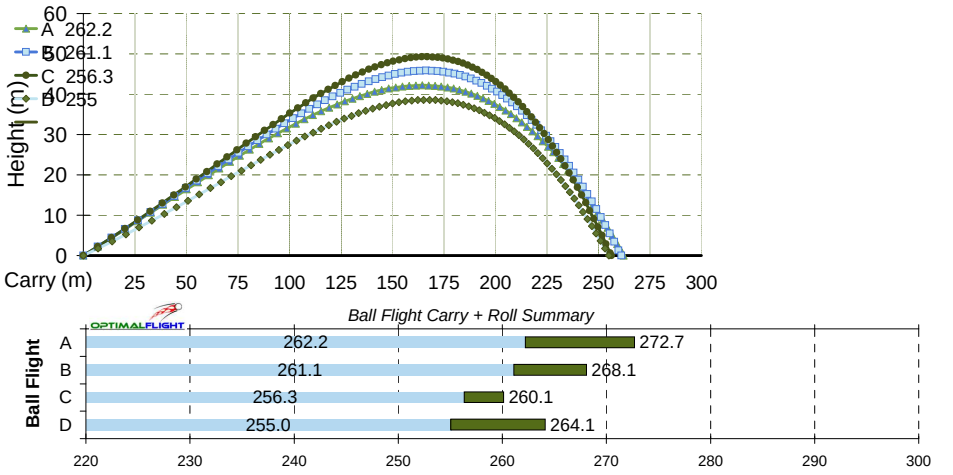
Name: LA 18 Grad SKG 110

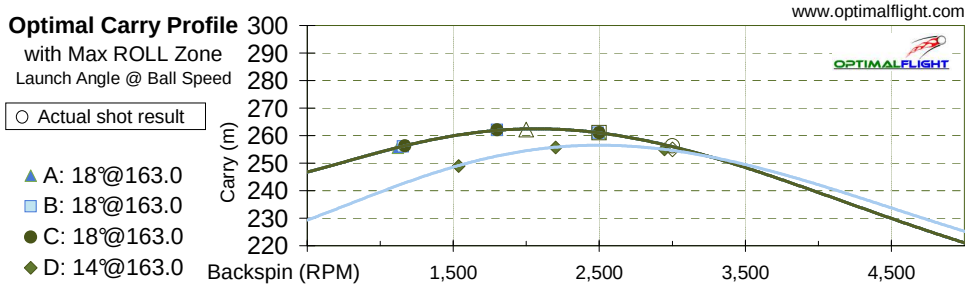
Notes: Beispielrechnung für das Golfhaus Forum

Location: Nienburg Date: 11.2.10

Club/Shaft:

FLIGHT:	A	B	C	D
BALL SPD (mph):	163.0 ClubSpd 110.0 Ratio: 1.48	163.0 ClubSpd 110.0 Ratio: 1.48	163.0 ClubSpd 110.0 Ratio: 1.48	163.0 ClubSpd 110.0 Ratio: 1.48
LAUNCH (deg):	18 Push/Pull	18 Push/Pull	18 Push/Pull	14 Push/Pull
BackSPIN (rpm):	2,000 SideSpin	2,500 SideSpin	3,000 SideSpin	3,000 SideSpin
Carry (m):				
OPTIMALFLIGHT	262.2 272.7	261.1 268.1	256.3 260.1	255.0 264.1
Flight Time, Wind, Altitude:	7.34, No Wind, Sea Lvl	7.76, No Wind, Sea Lvl	8.13, No Wind, Sea Lvl	7.49, No Wind, Sea Lvl
Landing Angle, Roll, Apex:	42.6 10.5 42.2	45.1 7.0 45.8	47.8 3.8 49.3	42.6 9.1 38.6
OPTIMALFLIGHT validation of CARRY:				





	CURRENT	OPTIMAL	+/-	CURRENT	OPTIMAL	+/-	CURRENT	OPTIMAL	+/-	CURRENT	OPTIMAL	+/-
Total Distance & FLIGHT #:	272.7	287.1	A	268.1	287.3	B	260.1	287.3	C	264.1	279.7	D
Carry (m)	262.2	262.1		261.1	262.1	1	256.3	262.1	6	255.0	255.8	1
ROLL:	10.5	25.0	14	7.0	25.2	18	3.8	25.2	21	9.1	23.9	15
SPIN:	2,000	1,810	-190	2,500	1,820	-680	3,000	1,830	-1,170	3,000	2,240	-760
OPTIMAL Distance Zone:	YES	1130-2490		NO	1176-2464		NO	1198-2462		NO	1576-2904	

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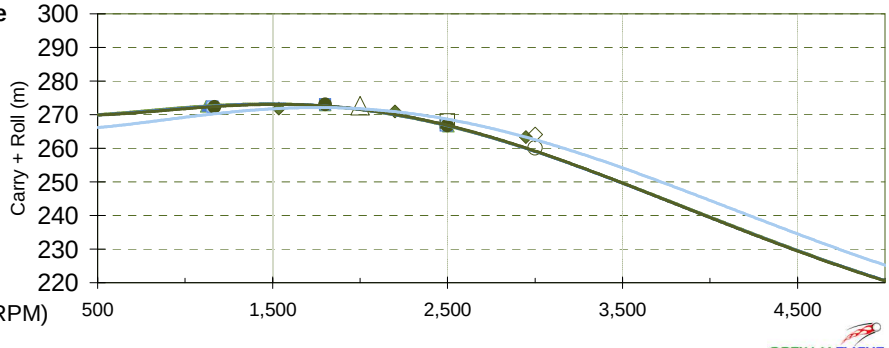
Optimal Distance Profile
Carry + Roll Distance
Launch Angle @ Ball Speed

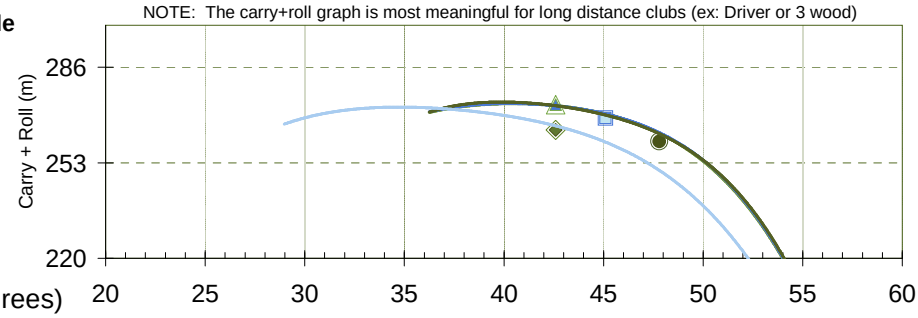
- A: 18°@163.0
- B: 18°@163.0
- C: 18°@163.0
- D: 14°@163.0



Optimal Distance Profile
Carry + Roll Distance
Launch Angle @ Ball Speed

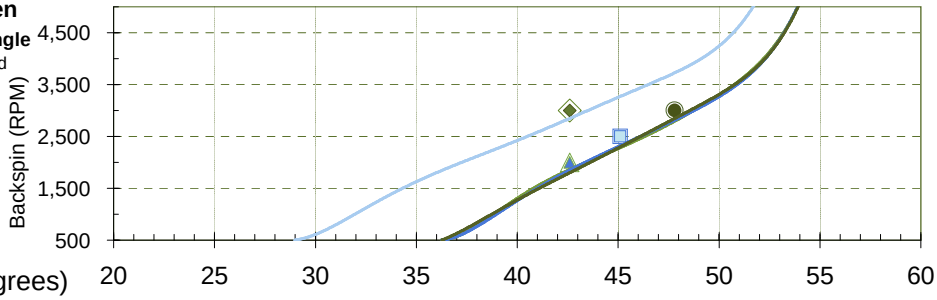
- A: 18°@163.0
- B: 18°@163.0
- C: 18°@163.0
- D: 14°@163.0

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



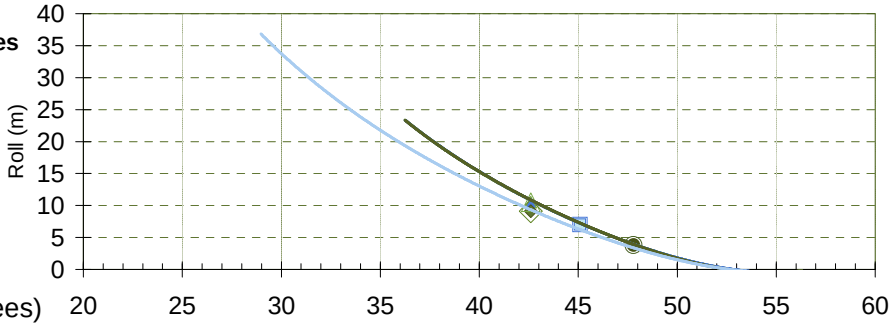
Relationship between
Backspin and Landing Angle
Launch Angle @ Ball Speed

- A: 18°@163.0
- B: 18°@163.0
- C: 18°@163.0
- D: 14°@163.0



Roll Profile for
for various Landing Angles
Launch Angle @ Ball Speed

- A: 18°@163.0
- B: 18°@163.0
- C: 18°@163.0
- D: 14°@163.0



Ball Flight Carry + Roll Summary