



SUMMARY REPORT

Name: Marken-Golf Forum 115mph LA-Spir

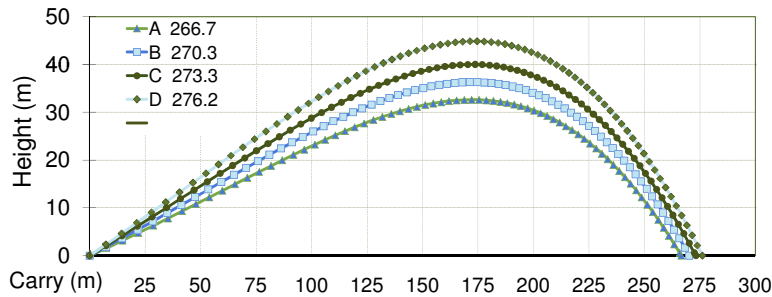
Report ID: 8

Notes: Einfluß Spin auf Carry und Roll

Location: Nienburg Date: 03.04.2010

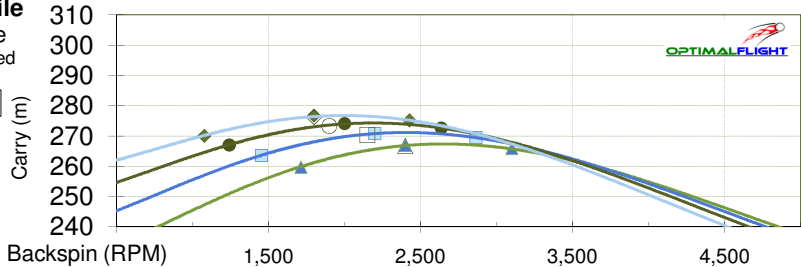
Club/Shaft:	Driver	Driver	Driver	Driver
FLIGHT:	A	B	C	D
BALL SPD (mph):	171.0 <small>ClubSpd 115.0 Ratio: 1.49</small>	171.0 <small>ClubSpd 115.0 Ratio: 1.49</small>	171.0 <small>ClubSpd 115.0 Ratio: 1.49</small>	171.0 <small>ClubSpd 115.0 Ratio: 1.49</small>
LAUNCH (deg):	12 <small>Push/Pull</small>	14 <small>Push/Pull</small>	16 <small>Push/Pull</small>	18 <small>Push/Pull</small>
BackSPIN (rpm):	2,400 <small>SideSpin</small>	2,150 <small>SideSpin</small>	1,900 <small>SideSpin</small>	1,800 <small>SideSpin</small>
Carry (m):	266.7 <small>283.2</small>	270.3 <small>285.8</small>	273.3 <small>286.4</small>	276.2 <small>287.0</small>

Flight Time, Wind, Altitude: 6.93, No Wind, Sea Lvl 7.09, No Wind, Sea Lvl 7.23, No Wind, Sea Lvl 7.5, No Wind, Sea Lvl
 Landing Angle, Roll, Apex: 37.4 16.5 32.6 38.7 15.5 36.3 40.9 13.1 40.0 42.7 10.7 44.9
 OPTIMALFLIGHT validation of CARRY:



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

- Actual shot result
- ▲ A: 12°@171.0
- B: 14°@171.0
- C: 16°@171.0
- ◆ D: 18°@171.0



	CURRENT	OPTIMAL	+/-	CURRENT	OPTIMAL	+/-	CURRENT	OPTIMAL	+/-	CURRENT	OPTIMAL	+/-
Total Distance & FLIGHT #:	283.2	290.2	A	285.8	294.8	B	286.4	298.7	C	287.0	302.0	D
Carry (m)	266.7	266.8		270.3	270.8		273.3	274.1	1	276.2	276.7	
ROLL:	16.5	23.4	7	15.5	24.0	9	13.1	24.7	12	10.7	25.3	15
SPIN:	2,400	2,410	+10	2,150	2,160	+10	1,900	1,940	+40	1,800	1,750	-50
OPTIMAL Distance Zone:	YES	1724-3096		YES	1415-2905		YES	1182-2698		YES	1029-2471	

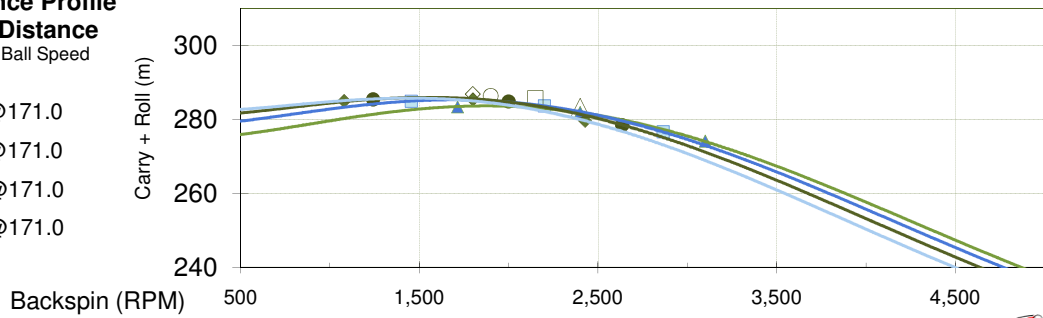


Optimal Distance Profile

Carry + Roll Distance

Launch Angle @ Ball Speed

- ▲ A: 12°@171.0
- B: 14°@171.0
- C: 16°@171.0
- ◆ D: 18°@171.0



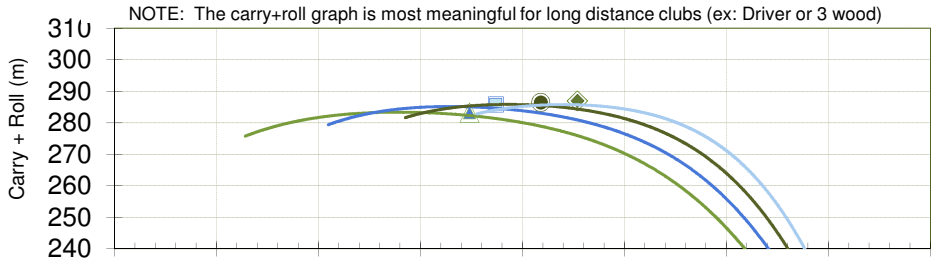
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Optimal Distance Profile

Carry + Roll Distance

Launch Angle @ Ball Speed

- ▲ A: 12°@171.0
- B: 14°@171.0
- C: 16°@171.0
- ◆ D: 18°@171.0

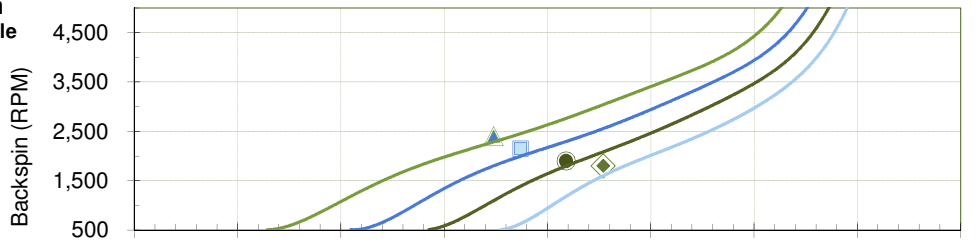


Landing Angle (degrees)

Relationship between Backspin and Landing Angle

Launch Angle @ Ball Speed

- ▲ A: 12°@171.0
- B: 14°@171.0
- C: 16°@171.0
- ◆ D: 18°@171.0

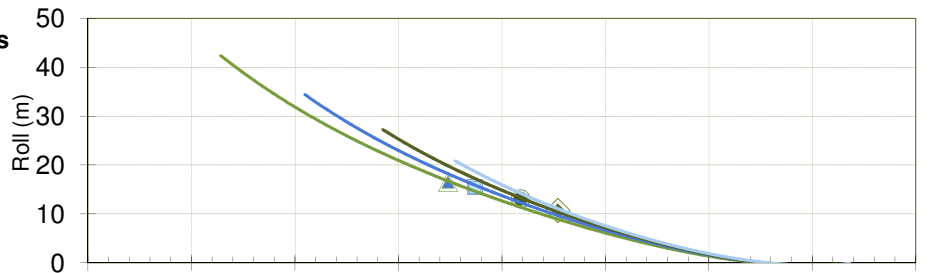


Landing Angle (degrees)

Roll Profile for various Landing Angles

Launch Angle @ Ball Speed

- ▲ A: 12°@171.0
- B: 14°@171.0
- C: 16°@171.0
- ◆ D: 18°@171.0



Landing Angle (degrees)

Ball Flight Carry + Roll Summary

