OptimalFlight
Todd Kos

www.qualitygolfstats.com

OPTIMALFLIGHT™
SUMMARY REPORT

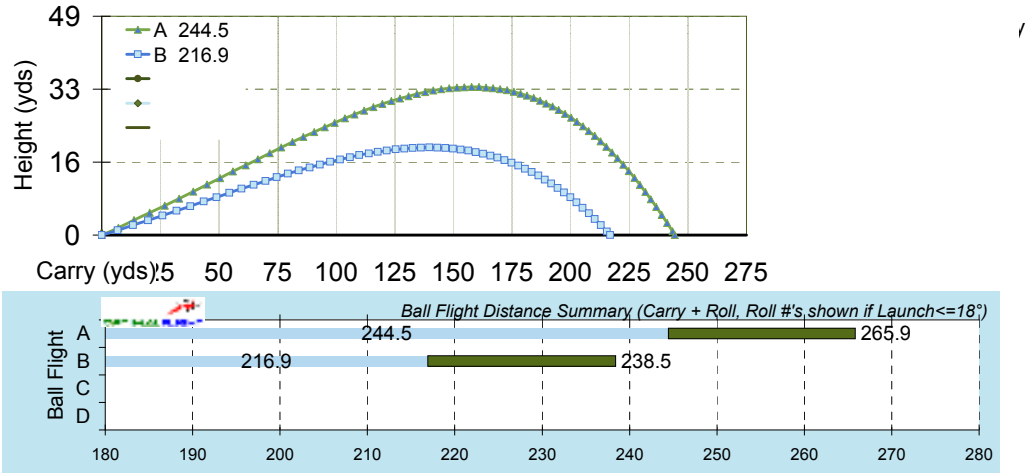
Report ID:
NEW

Name: _____

Notes: _____

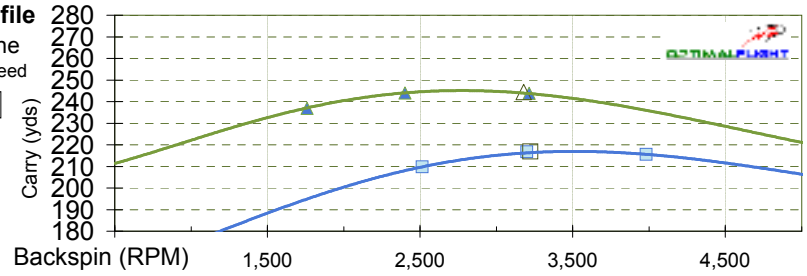
Location: _____ Date: _____

Club/Shaft:	Nak 11.5 XCon5	Cobra L4V		
FLIGHT:	A	B	C	D
BALL SPD (mph):	146.7 ClubSpd	139.0 ClubSpd	ClubSpd	ClubSpd
LAUNCH (deg):	13.5 Push/Pull	9.3 Push/Pull	Push/Pull	Push/Pull
BackSPIN (rpm):	3,178 SideSpin	3,223 SideSpin	SideSpin	SideSpin
Carry (yds):				
OPTIMALFLIGHT	244.5 265.9	216.9 238.5		
Flight Time, Wind, Altitude:	6.74, No Wind, Sea Lvl	5.56, No Wind, Sea Lvl		
Landing Angle, Roll, Apex:	39.5 21.4 33.0	29.3 21.5 19.5		
OPTIMALFLIGHT validation of CARRY:				



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

○ Actual shot result
▲ A: 13.5°@146.7
□ B: 9.3°@139.0
● C
◆ D



	CURRENT	OPTIMAL	+/-	CURRENT	OPTIMAL	+/-	CURRENT	OPTIMAL	+/-	CURRENT	OPTIMAL	+/-
Total Distance & FLIGHT #:	265.9	267.5	A	238.5	231.3	B	C			D		
Carry (yds)	244.5	240.2		216.9	215.5							
ROLL:	21.4	27.3	6	21.5	15.7	-6						
SPIN:	3,178	2,140	-1,038	3,223	3,110	-113						
OPTIMAL Distance Zone:	NO	1711-2569		YES	2244-3976							

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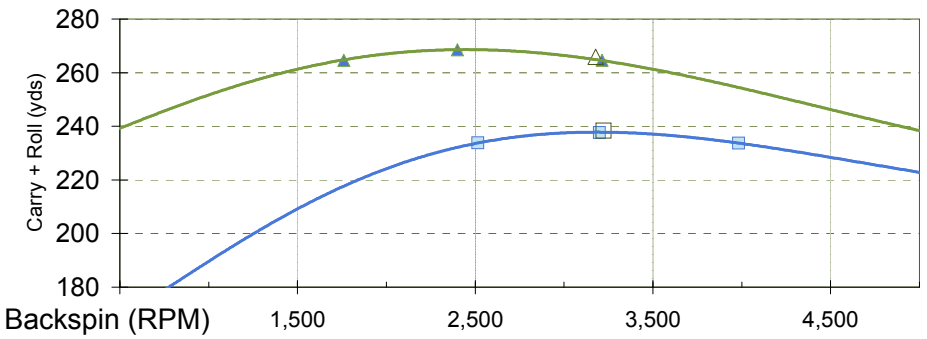
Optimal Distance Profile
Carry + Roll Distance
Launch Angle @ Ball Speed

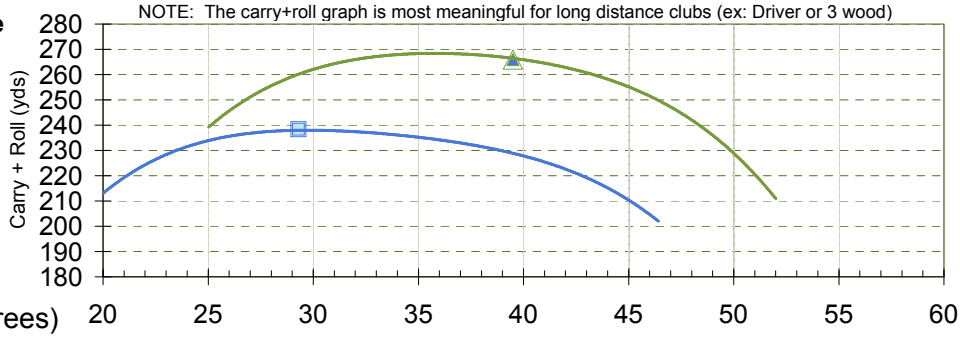
- A: 13.5°@146.7
- B: 9.3°@139.0
- C
- D



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

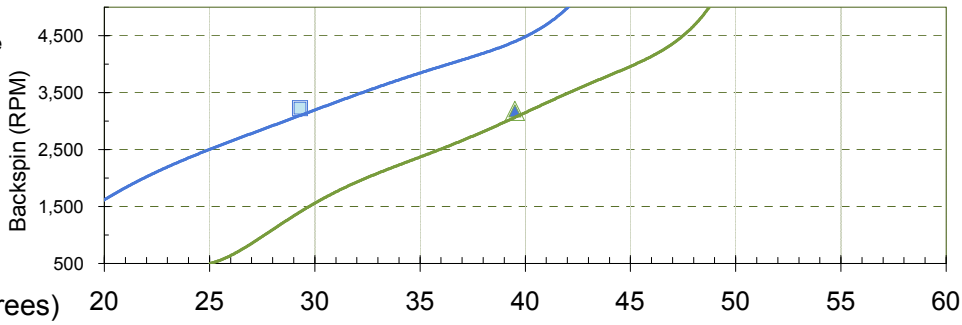
Optimal Distance Profile
Carry + Roll Distance
Launch Angle @ Ball Speed

- A: 13.5°@146.7
- B: 9.3°@139.0
- C
- D



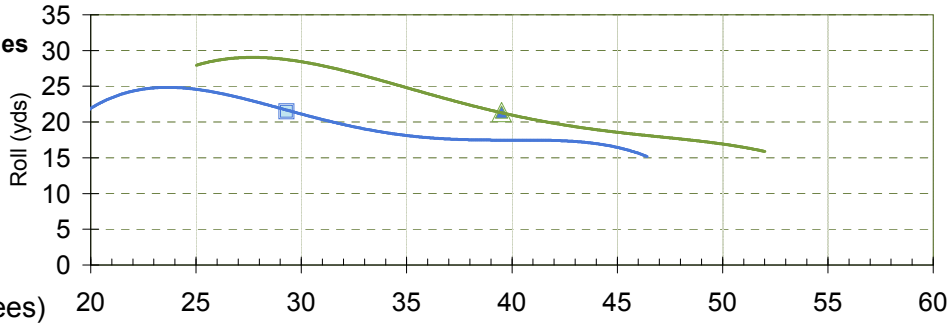
Relationship between
Backspin and Landing Angle
Launch Angle @ Ball Speed

- A: 13.5°@146.7
- B: 9.3°@139.0
- C
- D



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

- A: 13.5°@146.7
- B: 9.3°@139.0
- C
- D



Ball Flight Distance Summary (Carry + Roll, Roll #'s shown if Launch<=18°)