

555 GOLF EDITORIALS

'PERFORMANCE EXCELLENCE'

TRAJECTORY BASICS & LAUNCH ANGLES

If you were to strike a 'Golf Ball' sitting on a railway track rail with the 'Shaft and Handle' 'Plumb or Perpendicular' and with the 'Sole Parallel' to the rail, you would apply a 'Net Effective Loft' equivalent to the factory specifications. If you were swinging and hitting with a '#PW' (48 degrees), parallel to the grass, your 'Trajectory or Launch Angle' would be 48 degrees to the grass and 90 degrees to the 'Clubface'.

The 'Ball Location' would ideally be directly below, plumb to your 'Pivot or Swing Point' ... about in line with the 'Target Clavicle' ... under your 'Target Breast Logo'. (see 'Bottom Of Swing Arc - BOSA')

With 'Equal Weight Distribution', 'Target to Brace Foot', if you moved that 'Ball Location' 'AFT', you would reduce the 'Net Effective Loft' ('NEL') or the 'Trajectory or Launch Angle'. If you moved the 'B/L' 'FORWARD', you would increase the 'NEL'.

'Weight Distribution' directly affects the 'Take-Away Slope and Delivery Angle Of Attack'. If you 'Load Forward' you will steepen the 'Angle Of Attack' and reduce the 'Loft and Launch Angle'. Logically then, if you 'Load Aft' you will shallow the 'Angle of Attack' and increase the 'Loft and Launch Angle'. There are formulae for all this but they do not matter right now!

'Angle Of Attack' and 'NEL' directly affect your 'Ball Under Spin' about the 'Y or Equatorial Axis'. Greater 'Under Spin' will amplify your 'Trajectory' and cause the ball to 'Bite & Back Up' upon its 'Touch Down' upon the green. Of course, you know that 'Softer Greens' will enable more bite and more 'Back Up'. If you are hitting to 'Parking Lots', your ball will bounce higher and roll out farther. Dried out and hard greens make firing at 'Dangerous Sucker Pins' more of a challenge, especially if there is 'Grunge' surrounding the 'Dance Floor'.

'Face Path' and 'Face Angles or Loft' combined with 'Ball Location' produces 'Trajectory and Launch Angles'. Add some wind and you shall soon figure out this 'Ball Flight Mechanics'!

**"Welcome Aboard!"
"Enjoy The Ride!"**

SATISFACTION GUARANTEED

E-Mail: AskUs@555golf.com

WebSite: 555golf.com

Telephone: (817) 673-8888

24/7