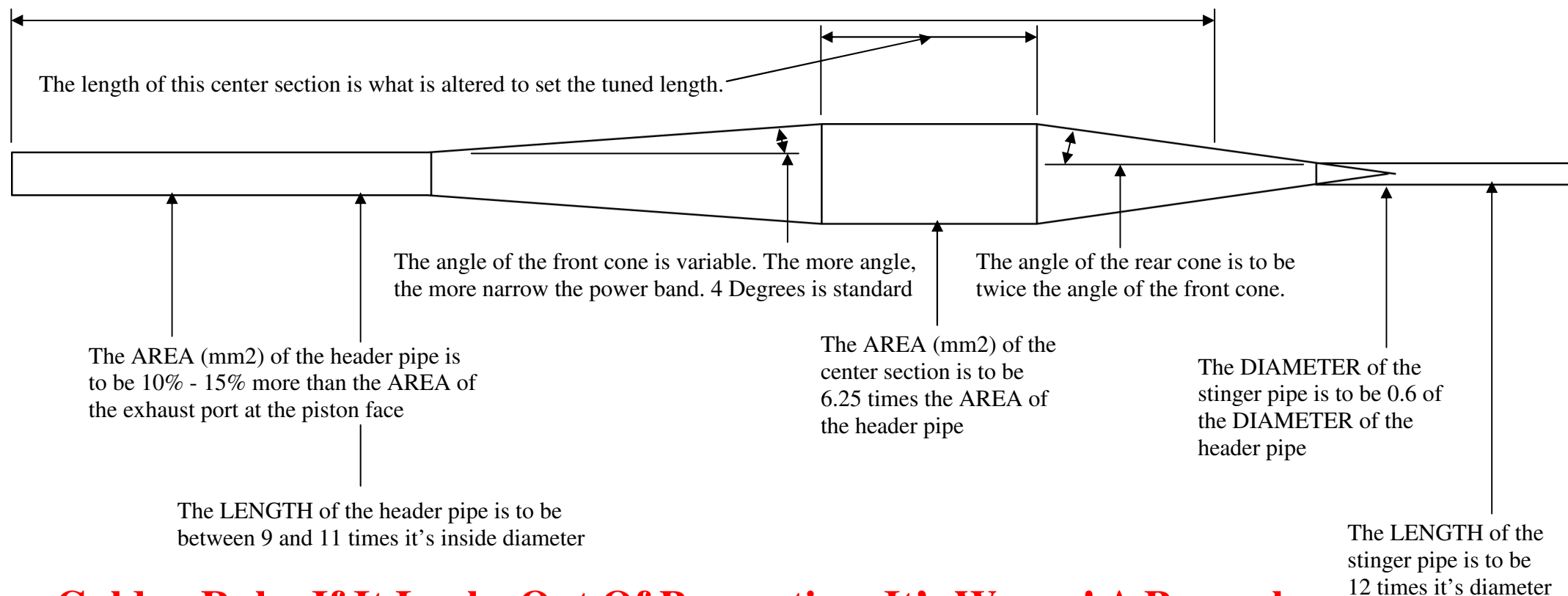


Tuned Length = Exhaust Port Open Period in Degrees, Divided By The R.P.M Where Max Power Is To Be Produced, Multiplied by 1700 (Exhaust Wave Speed in Feet Per Second)

$$\frac{\text{Exhaust Port Open Period}}{\text{R.P.M.}} \times 1700 = \text{Tuned Length in Inches}$$

From piston face to half way down the rear cone taken to a point = Tuned Length



Golden Rule: If It Looks Out Of Proportion, It's Wrong! A Properly Built Expansion Chamber Will ALWAYS Look In Proportion!

*Written by Greg Fulcher
Cycle Pro Motors*