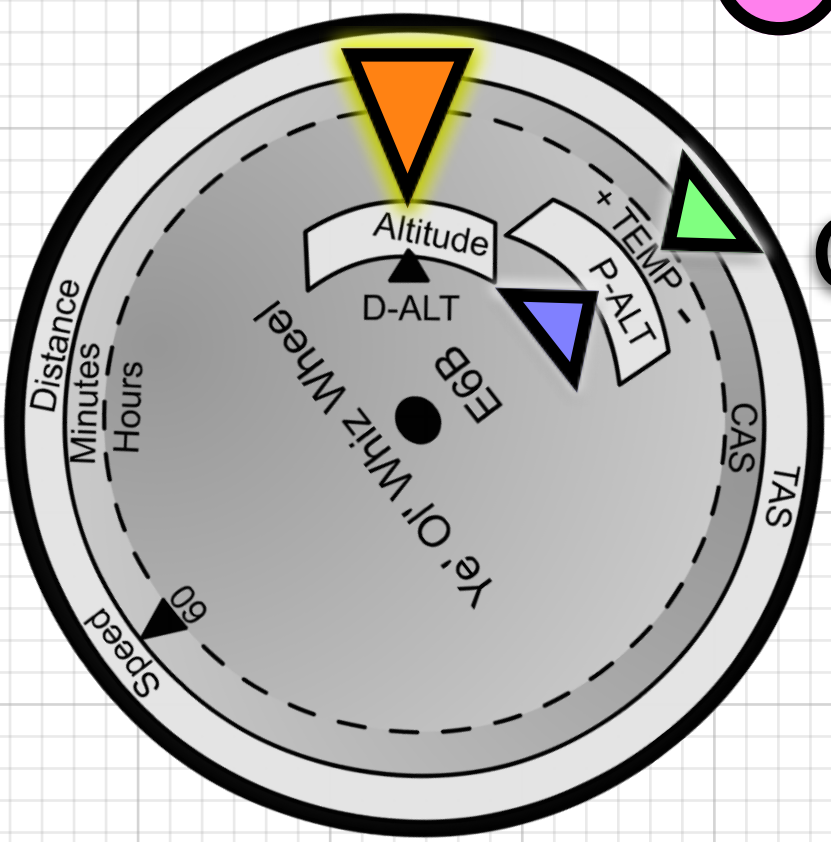
Density Altitude: Pressure Altitude corrected for variations from standard temperature.
Standard Temperature at Sea Level is 15 deg Celsius & Decreases about 2 deg/1000 ft.
Example: Standard Temperature at 1000 ft MSL is about 13 deg C.
If the Actual Temperature at 1000 ft MSL was 16 deg, then Density Altitude would be Higher than Pressure Altitude. Density Altitude represents apparent or **Performance Altitude.** **My Plane will perform as if it were at (this Density Altitude).**

What is my Performance (Density) Altitude?

What is my Pressure Altitude (P-Alt)?
What is the Temperature @ my Altitude?

1. Set **Temperature** opposite **P-Alt**

2. Read **Density Altitude** (in thousands of feet)



Easier: Make a pencil mark on your Temperature, Watch the +/- Rotate to P-Alt (in thousands of feet)

Temperature at altitude can be determined by:

1. Reading directly from the temperature gauge during flight.
2. Estimating by using known surface or forecast temperatures aloft and the temperature lapse rate of 2 deg C/ 1000 ft.

If Temp @ Altitude is HIGHER than Standard (for that altitude), Then D-ALT > P-ALT.

If Temp @ Altitude is LOWER than Standard, Then D-ALT < P-ALT.