```
AERO ZIS
            HW7 Hand Calcs
    7500ft = 2286m or 2.786 km
    288.16 +-.0065(2286-6) = 273.3 K = Temp
    10 | 325 (273.3) 1 -9.81 = 76.7 kPa = PLASSAVE
1,225 (273.3) 1 - (-0.065.267.038 +1) = ,977 kg/m3
          (288.16)
    33,600Tt= 10,058.4m
    288.164-.0665 (10,058.4-0) = 722,78 /c = Temp
    101.325 (222.78) 1 - 9.81 = 76.19 kpa = Presture
1,225 (212.78) 1-9.61 = .909 kg/m3
3) 92,000ft or 12,801.6 m
    216.66+0(12,801,6-11,000)=716.66 t= Temp
    22.62e^-(1.61 - (12801.6- 11,000) = 17.026 (Pa = Pressure
    .364e - (1.51 (12801.6-11000)) = .274 kg/m3
   80000ft or 29,384m
   216.66 + 0 (24,369-11000) = 216.66 k= temp
   22.62 e^ - (9.81 787.658.711.61 (29384- NOOD)) = 2.74 kPA = Pressure
   .369e^- (2.81 - (24384-11600)) = ,644 kg/m3 = Density
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