



ABCCorp Approved Units and Constants

Note: The following section contains approved definitions of units and other constants to be used in all calculations.

Velocity

$$kn \equiv knot \quad km/h \equiv \frac{km}{hr}$$

Pressure

$$in_{Hg} := in_Hg$$

$$mm_{Hg} := in_{Hg} \cdot \frac{mm}{in}$$

Standard Atmosphere

$$\text{Pressure at sea level:} \quad p_{std} \equiv 101325 \, Pa \quad p_{std} = 760.002 \, mm_{Hg}$$

$$\text{Lapse rate:} \quad \gamma_{std} \equiv -1.98 \frac{\Delta^{\circ}C}{1000 \, ft}$$

$$\text{Temperature at sea level:} \quad T_{std} \equiv 15 \, ^{\circ}C$$



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