

density altitude calculator - Windows Internet Explorer

http://www.pilotfriend.com/calcs/calculators/density.htm

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### PILOTFRIEND FLIGHT CALCULATORS

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To use the calculator, just click the type of units that you will be entering, then enter the altitude, temperature, altimeter setting and dew point. Then click the calculate button.

Elevation  feet  meters 5000

Air Temperature  deg F  deg C 115

Altimeter Setting  inches Hg  mb 29.96

Dew Point  deg F  deg C 42

Calculate Reset

Density Altitude 9555 feet 2912 meters

Absolute Pressure 24.93 inches Hg 844.24 mb

Relative Density 74.9 % 74.9 %

Additional Information:

Example 1: at 5050 feet elevation, 95 deg F air temp, 29.45 inches-Hg barometric pressure and a dew point of 67 deg F, the Density Altitude is calculated as 9252 feet.

Example 2: at 1540 meters elevation, 35 deg C air temp, 997 hPa barometric pressure and a dew point of 19 deg C, the Density Altitude is calculated as 2821 meters.

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