

# WARNING, PILOTS!

## DENSITY ALTITUDE CAN KILL!

High density altitude means longer takeoff and landing distances and shallow climb gradients.

Airport Name:

Airport Elevation:

  
MSL

Standard Temperature at This Airport:

 °C /  °F

**IMPORTANT!** The density altitudes listed below reflect a *STANDARD DAY* at this airport. Altimeter settings below 29.92 will increase density altitude and decrease aircraft performance.

TEMPERATURE	DENSITY ALTITUDE
13°C/55°F	<input type="text"/> MSL
15°C/59°F	<input type="text"/> MSL
18°C/65°F	<input type="text"/> MSL
21°C/70°F	<input type="text"/> MSL
24°C/75°F	<input type="text"/> MSL
27°C/80°F	<input type="text"/> MSL
29°C/85°F	<input type="text"/> MSL
32°C/90°F	<input type="text"/> MSL
35°C/95°F	<input type="text"/> MSL
38°C/100°F	<input type="text"/> MSL

AIRCRAFT PERFORMANCE



### What is Density Altitude?

Density altitude is pressure altitude corrected for nonstandard temperature. In other words, the density of the air decreases as altitude, temperature, and humidity increase. This degrades power, thrust, lift, and flight control effectiveness. In a sense, it's the altitude at which the airplane "feels" it's flying. The thinner air results in longer takeoff and landing distances and degraded climb performance.

**Know your aircraft performance!**  
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