WARNING, PILOTS!

DENSITY ALTITUDE CAN KILL!

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

Airport Name:

Tedderfield FATA

Airport Elevation:

5200 MSL

Standard Temperature at This Aiport:

4.5 °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	6220 MSL
15°C/59°F	6460 MSL
18°C/65°F	6820 MSL
21°C/70°F	7180 MSL
24°C/75°F	7540 MSL
27°C/80°F	7900 MSL
29°C/85°F	8140 MSL
32°C/90°F	8500 MSL
35°C/95°F	8860 MSL
38°C/100°F	9220 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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