

CALCULATION TABLE FOR TAKE-OFF DISTANCE AND CLIMB RATE

This table indicates usual values for light aircrafts.  
Attention, runway quality (grass, sand, mud, snow) could double T.O. distances.  
Using this table:  
Example ground temp. equal +5°C, altitude-pressure equal 2000 m (6500 ft). Join through a straight line those 2 values. You will obtain an increase in take off distance of 100 % and reduction of climb rate of 55 %. If the take-off distance is 150 m at 15°C at sea level, will become 300 m at an altitude-pressure of 2000 m and by +5°C. The standard climb rate of 600 ft/min. will become 270 ft/min.

Important : this document is given for general information only, it can not be used without safety margins.

