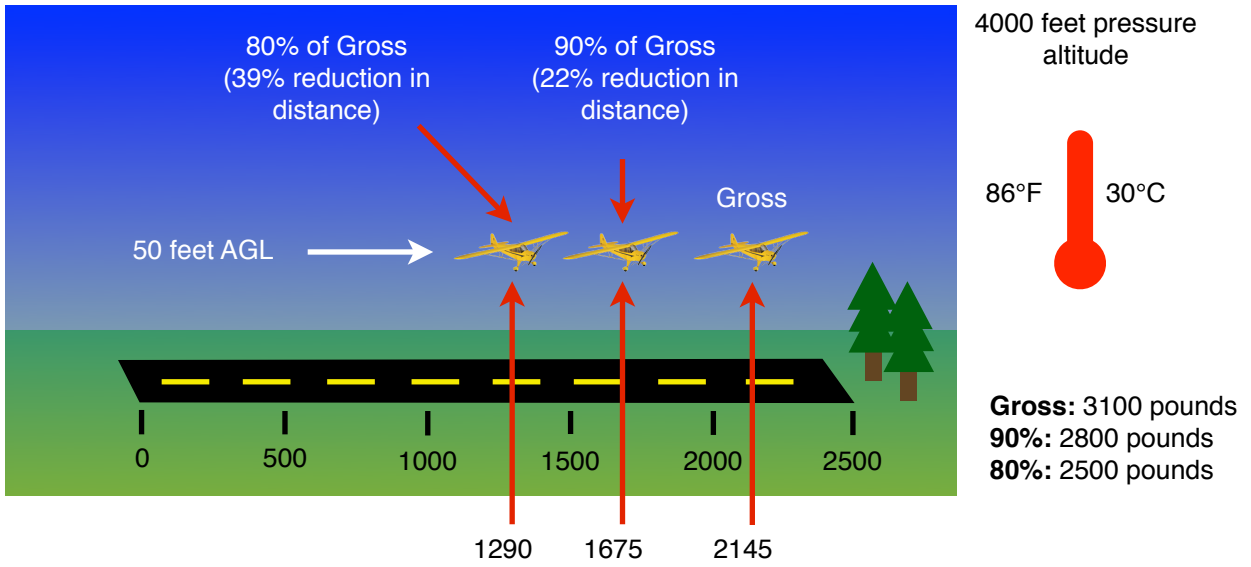
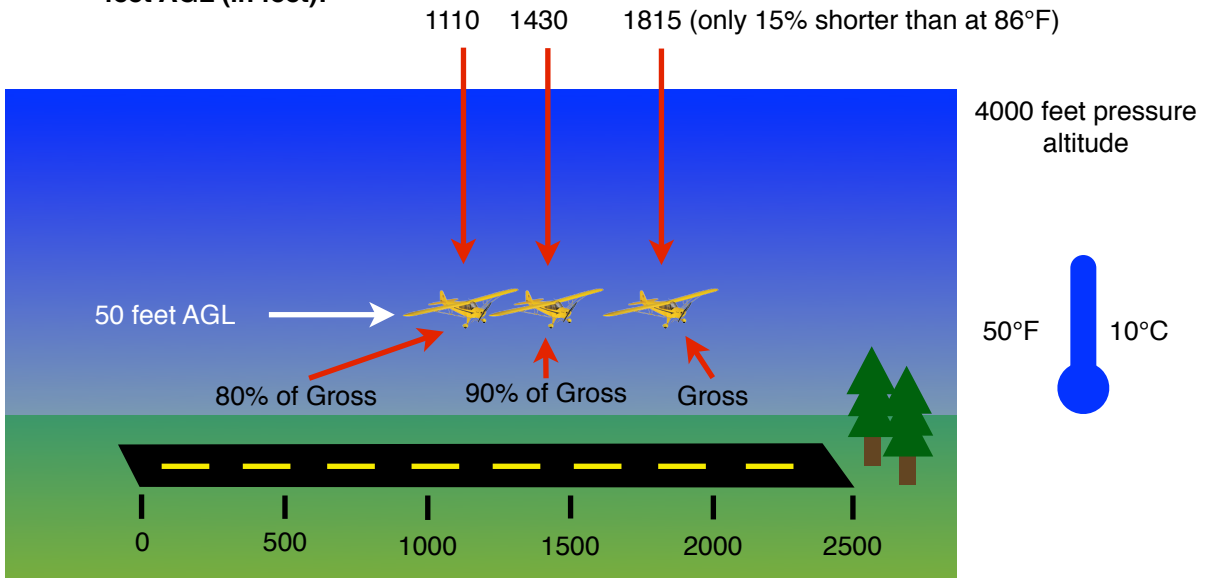


Effect of weight reduction versus temperature reduction on a 1981 Cessna 182 Turbo (weight vs. density altitude)



Takeoff Distance to 50 feet AGL (in feet):



Conditions: Flaps 20 degrees, 2400 RPM and 31 inches Hg prior to brake release, Mixture full rich, Cowl Flaps open, Paved, Level, Dry Runway, Zero Wind. Increase distances by 15% for a dry, grass runway.

© Daryl Greaser 2012