§ 23.75 Landing distance.

The horizontal distance necessary to land and come to a complete stop from

§ 23.73 Reference landing approach speed.

(a) For normal, utility, and acrobatic category reciprocating engine-powered airplanes of 6,000 pounds or less maximum weight, the reference landing approach speed, \( V_{REF} \), may not be less than the greater of \( V_{MC} \), determined in §23.149(c), and 1.3 \( V_{S1} \).

(b) For normal, utility, and acrobatic category turbine powered airplanes of 6,000 pounds or less maximum weight, turboprops of more than 6,000 pounds maximum weight, and reciprocating engine-powered airplanes of more than 6,000 pounds maximum weight, the reference landing approach speed, \( V_{REF} \), may not be less than the greater of \( V_{MC} \), determined in §23.149(c), and 1.3 \( V_{S1} \).

(c) For normal, utility, and acrobatic category jets of more than 6,000 pounds maximum weight and commuter category airplanes, the reference landing approach speed, \( V_{REF} \), may not be less than the greater of 1.05 \( V_{MC} \), determined in §23.149(c), and 1.3 \( V_{S1} \).