

Federal Aviation Regulation

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▼ Sec. 25.109

Part 25 AIRWORTHINESS STANDARDS: TRANSPORT CATEGORY AIRPLANES	
Subpart B--Flight	Performance: Turbine Engine Powered Airplanes

Sec. 25.109

Accelerate-stop distance.

- (a) The accelerate-stop distance is the sum of the distances necessary to--
- (1) Accelerate the airplane from a standing start to V_1 ; and
 - (2) Come to a full stop from the point at which V_1 is reached, assuming that the critical engine fails at V_1 .
- (b) Means other than wheel brakes may be used to determine the accelerate-stop distance if that means--
- (1) Is safe and reliable;
 - (2) Is used so that consistent results can be expected under normal operating conditions; and
 - (3) Is such that exceptional skill is not required to control the airplane.
- (c) The landing gear must remain extended throughout the accelerate-stop distance.
- (d) If the accelerate-stop distance includes a stopway with surface characteristics substantially different from those of a smooth hard-surfaced runway, the takeoff data must include operational correction factors for the accelerate-stop distance. The correction factors must account for the particular surface characteristics of the stopway and the variations in these characteristics with seasonal weather conditions (such as temperature, rain, snow, and ice) within the established operational limits.

► Comments

▼ Document History

Notice of Proposed Rulemaking Actions:

Notice of Proposed Rulemaking. Notice No. [64-28](#); Issued on 05/14/64.

Final Rule Actions:

Final Rule. Docket No. [5066](#); Issued on 11/03/64.