

Code of Federal Regulations

Sec. 23.149

Part 23 AIRWORTHINESS STANDARDS: NORMAL, UTILITY, ACROBATIC, AND COMMUTER CATEGORY AIRPLANES	
---	--

Subpart B--Flight	Controllability and Maneuverability
-------------------	-------------------------------------

Sec. 23.149

Minimum control speed.

(a) V_{MC} is the minimum calibrated airspeed at which, when any engine is suddenly made inoperative, it is possible to recover control of the airplane with that engine still inoperative and maintain straight flight, either with zero yaw, or, at the option of the applicant, with an angle of bank of not more than five degrees. V_{MC} may not exceed $1.2 V_{S1}$ with--

- (1) Takeoff or maximum available power on each engine;
- (2) The rearmost allowable center of gravity;
- (3) The flaps in the takeoff position; and
- (4) The landing gear retracted.

(b) At V_{MC} , the rudder forces required to maintain control may not exceed the limitations set forth in Sec. 23.143, and it may not be necessary to throttle the remaining engines. During recovery, the airplane may not assume any dangerous attitude or require exceptional piloting skill, alertness, or strength, to prevent a heading change of more than 20 degrees.

Comments

Document History

Notice of Proposed Rulemaking Actions:

Notice of Proposed Rulemaking. Notice No. 64-17; Issued on 03/25/64.

Final Rule Actions:

Final Rule. Docket No. 4080; Issued on 09/28/64.