**V-speeds**

*A series of designators used by the FAA and listed in 14 CFR 1 to describe certain flight conditions.*

**VA** Design maneuvering speed

**VB** Design speed for maximum gust intensity

**VC** Design cruising speed

**VD** Design diving speed

**VDF/MDF** Demonstrated flight diving speed

**VF** Design flap speed

**VFC/MFC** Maximum speed for stability characteristics

**VFE** Maximum flaps extended speed

**VLE** Maximum landing gear extended speed

**VLO** Maximum landing gear operating speed

**VLOF** Lift-off speed

**VMC** Minimum control speed with the critical engine inoperative

**VMO/MMO** Maximum operating limit speed

**VMU** Minimum unstick speed

**VNE** Never-exceed speed

**VNO** Maximum structural cruising speed

**VR** Rotation speed

**VS** Stalling speed or minimum steady flight speed at which the aircraft is controllable

**VSO** Stalling speed or minimum steady flight speed in the landing configuration

**VS1** Stalling speed or minimum steady flight speed obtained in a specific configuration

**VTOSS** Take-off safety speed for Category A rotorcraft

**VX** Speed for best angle of climb

**VY** Speed for best rate of climb

**V1** Take-off decision speed (formerly denoted as critical engine failure speed)

**V2** Take-off safety speed