V speeds

N3946Q Cessna 185

KIAS

37 V_x (Best angle, sea level, gross weight, 30° flaps)

44 V_{s0} (Stall, gross weight, landing configuration, power off)

47 V_x (Best angle, sea level, gross weight, 20° flaps)

55 V_{s1} (Stall, gross weight, clean)

57 V_x (Best angle, sea level, gross weight, 10° flaps)

(white arc)

70 Best glide ratio, power off (8:1; for each 2000', can glide 3 sm)
70 Stabilized on final approach

88 V_y (Best rate, sea level, gross weight) (-0.4 knots per 1000')

90 V_a (Maneuvering, 1950 lbs)

93 V_{fe} (Max flap extension for 20° to 40°)
95 V_{fe} (Max flap extension for 0° to 20°)

100 Best cooling in a climb

(green arc)

105 V_a (Maneuvering, 2650 lbs)
118 V_a (Maneuvering, gross weight)

146 V_{no} (Maximum structural, cruise)

(yellow arc)

182 *(red line)* V_{ne} (Never exceed)