

V speeds - Cherokee 140

| Name of Speed | V Speed | MPH | Airspeed indicator Location |
|--------------------------|-----------|-------|---|
| Stall Speed Full Flaps | V_{SO} | 55 | Bottom of white arc |
| Stall Speed Clean Flaps | V_{S1} | 64 | Bottom of green arc |
| Best Angle of Climb | V_x | 78 | N/A |
| Best Rate of Climb | V_y | 89 | N/A |
| Max Flap Extension Speed | V_{fe} | 115 | Top of white arc |
| Maneuvering Speed | V_A | 129 | N/A |
| Normal Operating Speed | V_{no} | 141 | Top of Green Arc / Bottom of Yellow Arc |
| Never Exceed Speed | V_{ne} | 171 | Top of Yellow Arc / Red Line |
| Rotation Speed | V_r | 60 | N/A |
| Best Glide | V_g | 80 | N/A |
| Landing Speed | V_{ref} | 80-85 | N/A |
| Max Demonstrated XWind | - | 17Kts | N/A |

