



## CESSNA 150 VH-SLL AIRCRAFT SPECIFICATIONS

### Airspeeds for Normal Operations

#### Take off & Landing Speeds

Rotate Speed (Vr)	50kts	Normal Approach (Flaps Up)	65kts
Take Off Safety Speed	54kts	Normal Approach (Flaps 30°)	60kts
Best Angle (Vx)	55kts	Short Field Approach (Flaps 40°)	55kts
Best Rate (Vy)	68kts	Baulked Approach (Max Power & Flap 20°)	55kts

#### General Speeds

Never Exceed (Vne)	164kts	Max Window Open	143kts
Max Normal Operating (Vno)	123kts	Level Stall Speed (Vs) – flap up	50kts
Max Maneuvering (Va)	105kts	Level Stall Speed (Vso) – flap down	41kts
Max Flap Extension	85kts	Max Crosswind	13kts

#### Fuel & Oil

Fuel Type	100LL or 100/130 Avgas	Engine Type and Horsepower	Continental 100BHP @ 2750RPM
Maximum Fuel	143 litres	Oil Grade	Aero W100
Max Useable Fuel	132 litres	Maximum Oil	6 Quarts
Fuel Consumption	22 Litres/Hour	Minimum Oil	4 Quarts

**\*\*Note: 100LL Avgas is BLUE in colour and 100/130Avgas is GREEN\*\***

#### Performance

Basic Empty Weight	512Kg	Maximum Power	2750 RPM
Max Take off Weight	725 kg	Static Power	2460 – 2560 RPM
Max Landing Weight	725 kg	Normal Cruise	2400 RPM

**\*\* Note: With Full tanks VH-SLL can easily be overloaded! \*\***