

## C152 – Procedures

### Normal Takeoff

- Flaps UP
- Full Power
- Rotate 50 K
- Climb 65 K
- Cruise Climb 75 K

### Short Field Takeoff

- Flaps 10°
- Full Power
- Brake Release
- Rotate 50 K
- Climb 54 K
- No obstacle - Climb 67 K
- Flaps UP

### Soft Field Takeoff

- Flaps 10°
- Full Power
- Rotate 50 K
- Accelerate in Ground Effect
- Climb 67 K
- Flaps UP

### Normal Landing

- **Downwind**
- Carb Heat ON
- Power 1500 RPM
- Flaps 10°
- Speed 70 K
- **Base**
- Flaps 20°
- Speed 70 K
- **Final**
- Speed 65 K

### Short Field Landing

- **Downwind**
- Carb Heat ON
- Power 1500 RPM
- Flaps 10°
- Speed 70 K
- **Base**
- Flaps 20°
- Speed 70 K
- **Final**
- Speed 54 K
- **Touchdown**
- Flaps UP
- Maximum Braking

### Soft Field Landing

- **Downwind**
- Carb Heat ON
- Power 1500 RPM
- Flaps 10°
- Speed 70 K
- **Base**
- Flaps 20°
- Speed 70 K
- **Final**
- Speed 54 K
- **Touchdown**
- With Power
- Nose wheel hold off

**Slow Flight (Clean)**

- Power 1500 RPM
- Speed 55 K
- Power 1800 RPM
- Speed 50 K

**Slow Flight (Dirty)**

- Power 1500 RPM
- Flaps DOWN
- Speed 50 K
- Power 2000 RPM
- Speed 45 K
- **Recovery**
- Power FULL
- Flaps 20°
- Positive Rate
- Flaps UP

**Power Off Stalls (Approach to Landing)**

- Power 1500 RPM
- Flaps DOWN
- Speed 50 K
- Power Idle
- Pitch UP
- Good Buffet
- **Recovery**
- Release Back Pressure
- Power FULL
- Flaps 20°
- Positive Rate
- Flaps UP

**Power On Stalls (Departure)**

- Power 1500 RPM
- Speed 55 K
- Power FULL
- Pitch UP
- Good Buffet
- **Recovery**
- Release Back Pressure
- Power FULL

**Emergency Descent**

- Power Idle
- Flaps DOWN
- Descend at 85 K ( $V_{FE}$ )

**V Speeds**

$V_R$  - 50 K  
 $V_X$  - 54 K  
 $V_Y$  - 67 K  
 $V_A$  - 93-104K  
 $V_S$  - 40 K  
 $V_{SO}$  - 35 K  
 $V_{FE}$  - 85 K  
 $V_{NO}$  - 111 K  
 $V_{NE}$  - 149 K  
 $V_G$  - 60 K  
Max X-wind 12 K