

## Cessna 150K N5935G

### Checklist

#### **Before Engine Start**

- Preflight..... Complete
- Hobbs/Tach..... Record
- Passenger Briefing.. Complete
- Seats, Seatbelts..... Adjust
- Fuel Valve..... On
- Avionics..... Off
- Circuit Breakers..... Check
- Pitot Heat..... Off
- Carb Heat..... Off

#### **Engine Start**

- Mixture..... Rich
- Primer..... As required
- Throttle..... Open ¼ in
- Master..... On
- Beacon..... On
- Brakes..... Hold
- Propeller Area..... Clear
- Ignition..... Start
- Throttle..... 1000 RPM
- Oil Pressure..... Check  
(Pressure within 30 seconds)
- Flaps..... Up

#### **Before Taxi**

- Mixture..... Lean for taxi
- Avionics..... On
- Radio..... Set
- Transponder..... Set
- Clock..... Set
- AWOS/ATIS..... Check
- Altimeter..... Set
- Flight Instruments. Check/Set
- Brakes..... Test

#### **Run-up**

- Brakes..... Hold

- Mixture..... Rich
- Throttle..... 1700 RPM
- Magnetos... 175 RPM drop  
50 RPM differential
- Carb Heat..... Test
- Oil Press/Temp... Check
- Amps/Volts.... Check
- Idle..... Check
- Throttle..... 1000 RPM

#### **Before Takeoff**

- Flight Controls... Free & Correct
- Fuel..... On
- Trim..... Set
- Mixture..... Set
- Carb Heat..... Off
- Primer..... In & Locked
- Instruments..... Check & Set
- Lights..... As required
- Seatbelts..... On
- Doors..... Closed & Latched
- Final..... Clear

#### **Normal Takeoff**

- Flaps..... Up
- Throttle..... Full
- Elevator..... Rotate 55 MPH
- Climb Speed..... 75 MPH

#### **Max Performance Takeoff**

- Flaps..... Up
- Brakes..... Hold
- Throttle..... Full
- Elevator..... Rotate 55 MPH
- Climb..... Vx- 68 MPH

#### **Climb**

- Airspeed..... 75-85 MPH
- Mixture..... Rich
- Landing Light.... Off

#### **Cruise**

- Power..... Set
- Trim..... Set
- Mixture.... Lean above 5000  
Peak + ¼ in
- Gauges..... Check

#### **Before Landing**

- Carb Heat..... On
- Gas..... On
- Mixture..... Rich
- Power..... Set
- Seatbelts..... On
- Landing Light.... On
- Flaps..... As required

#### **Normal Landing**

- Final Approach... 70 MPH
- Touchdown..... Mains first
- Nosewheel..... Lower gently
- Brakes..... Min. Required

#### **Go Around**

- Throttle..... Full
- Carb Heat..... Off
- Flaps..... 20°
- Airspeed..... 75
- Flaps..... Retract slowly

#### **After Landing**

- Flaps..... Up
- Carb Heat..... Off
- Trim..... Set
- Lights..... As required
- Mixture..... Lean

#### **Shutdown**

- Avionics..... Off
- Lights..... Off
- Mixture..... Cut-off
- Mags..... Off

- Master..... Off
- Control Lock..... Install
- Hobb/Tach..... Record
- Chocks..... Set

### **Emergencies**

#### **Rough Engine**

- Carb Heat..... On
- Mags..... Check
- Engine Failure After Takeoff**
- Lower nose immediately  
to maintain Vg (70 MPH)
- Land straight ahead
- Engine Failure During Flight**
- Airspeed..... Vg- 70 MPH
- Best Place to Land
- Checklist

- ☐ Fuel..... On, Quantity
- ☐ Mixture..... Rich
- ☐ Carb Heat... On
- ☐ Mags..... Check, On
- ☐ Primer..... In & Locked

#### **No Restart & Time Permits**

- Declare Emergency
- Seatbelts..... On
- Mixture..... Cut-off
- Fuel..... Off
- Mags..... Off
- Flaps..... As needed  
within gliding range
- Master..... Off when landing  
assured
- Unlatch door
- Land tail low

#### **Engine Fire**

- Mixture..... Cut-off
- Fuel..... Off
- Mags..... Off
- Cabin Heat..... Off
- Dive to put out fire... 100 MPH
- Land ASAP

### **V-Speeds**

Vr- 55 MPH

Vx- 68 MPH

Vy- 75 MPH

Vg- 70 MPH

Vso- 48 MPH

Vne- 162 MPH