

Piper Cherokee 235

Cherokee N8831W



Before Start

Pre-Flight.....Complete
Pass Briefing.....Complete
Seat Belts.....Check
Brakes.....Set
Circuit Breakers.....All In
Elec. Equip.....Off
Avionics Master.....Off
Carb. Heat.....Off
Fuel Selector.....Desired Tank

Engine Start

Throttle.....1/4" Open
Master.....On
Beacon.....On
Fuel Pump.....On/Prime
Mixture.....Cut-Off
Prop Area.....Clear
Starter.....Engage
Mixture.....Full Rich
Throttle.....1000RPM
Oil Pressure.....Check
Avionics.....On

Hot Start

Throttle.....1/2" Open
Fuel Pump.....On
Mixture.....Idle cut-off
Prop Area.....Clear
Starter.....Engage
Mixture.....Advance

Pre Taxi

Taxi Area.....Clear
Taxi Lights.....On
Brakes.....Check/Set
Instrument Test.....Check

Run Up

Blast Area.....Clear
Cabin Door.....Latched
Flight Controls.....Check
Mixture.....Rich
Throttle.....1800 RPM
Flight Instruments.....Check
Vacuum Gauge.....4.9-5.1"Hg
Oil Temp/Pressure.....Check
Magnetos.....Check
..(125 RPM max/50 RPM Max diff)
Carb. Heat.....Check
Throttle.....1000RPM

Pre Takeoff (VR60KIAS/70MPH)

Airspeed (Vy).....100MPH/87KIAS
Airspeed (Vx).....78MPH/90KIAS
Trim Wheel.....Set Takeoff
Mixture.....Rich
Fuel Pump.....On
Fuel Selector.....Fullst Tank

Climb

Cruise Climb.....115MPH/87KIAS
Fuel Pump.....On
Lights.....As Req.
Mixture.....Lean as needed

Cruise

Max Power.....75%
Fuel Pump.....Off
Fuel Pressure.....Check
Mixture.....Adjust

Pre-Landing (~70MPH)

Seatbelts.....On
Landing light.....On
Fuel Pump.....On
Fuel Selector.....Fullst Tank
Mixture.....Rich
Carb Heat.....As Req.
Flaps.....As Req.
40° - Approach 90MPH/78KIAS
Touchdown.....≤70MPH
GUMPS - Gas Undercarriage Mixture
Prop Switches

After Landing

Flaps.....Up/Retract
Carb Heat.....Off
Fuel Pump.....Off
Landing light.....As Req.
Taxi lights.....On
Strobes.....Off
Mixture.....Lean as Req.

Securing the Plane

Lights (Except Beacon).....Off
Avionics.....Off
Throttle.....Cut-Off
Mixture.....Idle — Cut-Off
Ignition.....Off
Master Switch.....Off
Flight Controls.....Locked
Hobbs/Tach.....Record
(2nd & 3rd button on JPI hold down)
Sun Shade.....Check
Engine Covers.....Check
Doors.....Locked
Tie Down/Chalks.....Check

Additional Information

VR 70MPH/60KIAS VNO 156MPH/135KIAS
VY 100MPH/87KIAS VNE 197MPH/171KIAS
VX 90MPH/78KIAS VG 95MPH/82KIAS
VFE 115MPH/100KIAS Vso 60MPH/52KIAS
VA 138MPH/120KIAS Vsi 70MPH/61KIAS

Short Field Takeoff
25° of Flaps (2nd Notch)
Acc to 50-60 to break ground
90MPH until clear of obstacle
100MPH climb out

Soft Field Takeoff
25° of Flaps (2nd Notch)
Acc to 50-60 to break ground
100MPH climb out

Wx: 208-388-4640/123.9
Clearance: 125.9
Ground: 121.7
Tower: 118.1/119.0 (secondary)
Big Sky: <15NM 119.6/125.5
>15NM 126.9

EMERGENCY PROCEDURES FOUND ON OTHER SIDE