



Piper Cherokee Warrior II PA-28-151 & 161 NORMAL PROCEDURES CHECKLIST

*This is to be used as a REFERENCE ONLY, it is not a substitute for the Airplane Flight Manual.

*Refer to AFM/POH for amplified procedures. User assumes all risk of use in using this product. User consents to and understands that American Flight Schools bears no liability for the use of this product.

Rotation Speed.....55	Vno.....126
Vy (SL).....79	Vne.....160
Vx (SL).....63	Best Glide.....73
Vso.....44	
Vs.....50	
Vfe.....103	
Va111-88	Max T/O.....2300lbs
Max Xwind.....17	Max LND.....2300lbs

KAPA - Tower	118.9
KAPA - Ground	121.8
KAPA - ATIS	120.3
KAPA - Approach	132.75
KBJC - Tower	118.6
KBJC - Ground	121.7
KBJC - ATIS	126.25
KBJC - Approach	126.1
KFTG - Tower	120.2
KFTG - Ground	124.7
KFTG - ATIS	119.25
FSS	122.2

BEFORE START

1. Parking Brake.....set
2. Carburetor Heat.....full off
3. Fuel Selector.....desired tank
4. Passenger Briefing.....complete

STARTING ENGINE WHEN COLD

1. Throttle.....1/4" open
2. Prime.....As Necessary
3. Master switch.....ON
4. Anti-Collision Lights.....ON
5. Electric Fuel Pump.....ON
6. Mixture.....SET
7. Propeller.....clear
8. Starter.....clockwise, press in to engage
9. Throttle.....adjust
10. Oil pressure.....check

STARTING ENGINE WHEN HOT

1. Throttle.....1/2" open
2. Master switch.....ON
3. Anti-Collision Lights.....ON
4. Electric Fuel Pump.....ON
5. Mixture.....SET
6. Propeller.....clear
Starter.....engage
7. Throttle.....adjust
8. Oil pressure.....check

STARTING ENGINE WHEN FLOODED

1. Throttle.....open full
2. Master switch.....ON
3. Anti-Collision Lights.....ON
4. Electric Fuel Pump.....OFF
5. Mixture.....idle cut-off
6. Propeller.....clear
7. Starter.....engage
8. Mixture.....SET
9. Throttle.....retard
10. Oil pressure.....check

STARTING WITH EXTERNAL POWER SOURCE

1. Master switch.....OFF
2. All electrical equipment.....OFF
3. Terminals.....connect
4. External power plug.....insert in fuselage
5. Proceed with normal start
6. Throttle.....lowest possible RPM
7. External power plug.....disconnect
8. Master switch.....ON – check ammeter
9. Anti-Collision Lights.....ON
10. Oil Pressure.....check

TAXIING

1. Avionics.....ON
2. Mixture.....SET
3. Lights.....as needed
4. Parking brake.....released
5. Taxi area.....clear
6. Throttle.....apply slowly
7. Brakes.....check
8. Steering.....check

GROUND CHECK (Run-up)

1. Parking brake.....set
2. Throttle.....2000 RPM
3. Mixture.....SET
4. Magnetos.....max drop 175 RPM
- max diff. 50 RPM
5. Vacuum.....4.9" Hg. To 5.1" Hg.
6. Oil temp.....check
7. Oil pressure.....check
8. Annunciator panel.....press to test
9. Carburetor Heat.....check
10. Engine is warm for takeoff when throttle can be opened without engine faltering.
11. Fuel Tank.....Switch Tanks
12. Electric fuel pump.....OFF
13. Fuel pressure.....check
14. Throttle.....retard

BEFORE TAKEOFF (Run-up)

1. Fuel selector.....fullest tank
2. Master switch.....ON
3. Flight instruments.....check
4. Electric fuel pump.....ON
5. Lights.....as needed
6. Engine gauges.....check
7. Mixture.....SET
8. Carburetor Heat.....OFF
9. Seat backs.....erect
10. Belts/harness.....fastened
11. Empty seats.....seat belts-snugly fastened
12. Flaps.....set
13. Trim tab.....set
14. Controls.....free
15. Doors.....latched
16. Lightsas needed
17. Parking brake.....released

TAKEOFF

NORMAL

1. Flaps.....set
2. Trim.....aft of neutral
3. Accelerate to..... 45 to 55 KIAS
4. Control wheel.....back pressure to rotate to climb attitude

SHORT FIELD, OBSTACLE CLEARANCE

1. Flaps.....25°(second notch)
2. Apply full power..... before brake release
3. Accelerate to52 KIAS
4. Control wheel.....back pressure to rotate to climb attitude
5. Maintain 52 KIAS..... to obstacle clearance
6. Accelerate to 79 KIAS and slowly retract flaps

SOFT FIELD

1. Flaps.....25°(second notch)
2. Control wheel.....back pressure to rotate at slowest possible airspeed
3. Accelerate to 52 KIAS just above ground then climb out at 79KIAS
4. Flaps.....Retract slowly

CLIMB

1. Best rate (flaps up)79 KIAS
2. Best angle (flaps up).....63 KIAS
3. En route.....87 KIAS
4. Electric fuel pump.....OFF at desired altitude

CRUISING

1. Normal max power.....75%
2. Power.....set power per table
3. Mixture.....adjust for best power
4. Lights.....as needed

DESCENT

1. Throttle.....adjust
2. Mixture.....SET
3. Carburetor heat.....ON if required

APPROACH AND LANDING

1. Fuel selector.....fullest tank
2. Seat backs.....erect
3. Belts/harness.....fasten/adjust
4. Lightsas needed
5. Electric fuel pump.....ON
6. Mixture.....SET
7. Flaps.....set - 115 KIAS max
8. Air conditioner.....OFF
9. Trim to.....70 KIAS
10. Final Approach Speed (flaps 40)...63 KIAS

AFTER LANDING (clear of runway)

1. Flaps.....retract
2. Electric fuel pump.....OFF
3. Mixture.....lean for taxi back
4. Lights.....as needed

STOPPING ENGINE

1. Flaps.....retract
2. Electric fuel pump.....OFF
3. Avionics.....OFF
4. Radio's.....OFF
5. Throttle.....Closed
6. Mixture.....idle cut-off
7. Magnetos.....OFF
8. Lights.....OFF
(Leave Beacon On)
9. Master switch.....OFF

PARKING

1. Parking brake.....OFF
2. Control lock.....secured
3. Flaps.....full up
4. HOBBS & TACH.....record
5. Doors.....locked
6. Wheel chocks.....in place
7. Tie downs.....secure