



CHECKLIST CHEROKEE WARRIOR II

1/3. PREFLIGHT INSPECTION (In Cabin Check)

Flight controls-----FREE
Avionics ----- OFF
Ignition ----- OFF
Master switch ----- ON
Fuel quantity gauges ----- check
Navigation lights (ON & outside check)
Pitot heat (winter op)----- TEST
Stall warning-----TEST
Master switch ----- OFF

2/3. PREFLIGHT INSPECTION (Fuel and Oil Check)

Fuel tanks----- Check supply
----- visually – secure caps
Fuel tank sumps ----- Drain
Fuel vents----- Open
Fuel and oil ----- Check for leaks
Oil ----- Check level
Dipstick ----- Properly seated
Alternator belt ----- Check tension
Cowling -----Secure

3/3. PREFLIGHT INSPECTION (Exterior Check)

Exterior ----- out of damage
Controls surfaces ----- check for
----- inteference -
-----free of ice, snow and frost
Wings -----free of ice, snow and frost
Tie down and chocks ----- remove
Main gear struts ----- proper
----- inflation (4.50 in.)
Tires----- check
Break blocks ----- check

Windshield ----- clean
Propeller and spinner ----- check
Inspections cover ----- secure
Nose wheels tire ----- check
Nose gear strut ----- proper
----- Inflation (3.25 in.)
Air inlets ----- clear
Baggage-----stowed properly – secure
Baggage door ----- close and secure

2. BEFORE STARTING ENGINE

Cabin door ----- close and secure
Required papers -----on board
Seat belts and harness-- fasten/adjust
Passenger briefing-----complete

Brakes ----- set
Carburetor heat ----- full OFF
Fuel selector ----- desired tank
Radios----- OFF

3. STARTING ENGINE WHEN COLD

Throttle ----- 1/4" open
Master battery ----- ON
Beacon ----- ON
Electric fuel pump ----- ON
Primer----- As required
Mixture----- Full RICH
Starter ----- Engage
Throttle ----- Adjust (800-1200 rpm)
Oil pressure----- Check
Master alternator-----On
Ammeter-----Charging
Time-----Noted

If engine does not start within 10 sec.
prime and repeat starting porcedure.

3. STARTING ENGINE WHEN FLOODED

Throttle ----- open full
Master switch ----- ON
Electric fuel pump ----- OFF
Mixture-----idle cut-off
Starter ----- engage
Mixture----- advance
Throttle ----- retard
Oil pressure----- check

4. BEFORE TAXIING

Radios ----- set
Atis ----- obtain
Transponder ----- STBY
Engine gauges -----check
Flight instruments (DG/AI/ALT) adjust
Mixture ----- Lean (1 inch)
Brakes ----- Test
Taxi clearance (121.90)-----Obtain

5. TAXIING

Taxi area ----- Clear
Throttle ----- Apply Slowly
Instruments ----- Turning Checks
Ailerons-----Position with the wind

6. GROUND CHECK

Brakes ----- on
Fuel quantity ----- check
Fuel selector----- changed
Mixt ----- rich
Throttle -----2000 RPM
Magnetos(max drop 175/50) R/L/Both
Mixture-----check
Carburetor heat ----- on
Vaccum ----- 5.0" Hg +- .1
Oil temp ----- check
Oil pressure----- check
Annunciator panel ----- press-to-test
Fuel pressure ----- check
Electric fuel pump ----- OFF
Fuel pressure ----- check
Throttle ----- Idle
Carburetor heat ----- cold
Throttle ----- 1000 rpm



CHECKLIST CHEROKEE WARRIOR II

7. BEFORE TAKE-OFF

Flight instruments ----- Check
 Fuel selector ----- Fullest tank
 Engine gauges ----- Check
 Primer ----- Locked
 Belts-harness ----- Fastened / adjusted
 Flaps ----- Set
 Trim tab ----- Set
 Controls ----- Free
 Doors ----- Latched
 Take-off briefing ----- Done

8. LINE-UP

Radio (118.65) ----- set
 Transponder ----- alt
 DG ----- set/runway
 Electric fuel pump ----- ON
 Landing/Strobe light ----- as required
 Ice protection (Pitot) ----- as required
 Mixture ----- full rich
 Carburetor heat ----- cold
 Time ----- note
 Tower clearance (118.65) ----- obtain

9. TAKE-OFF

NORMAL

Accelerate to 45 to 55 KIAS
 Control wheel ----- back pressure to
 ----- rotate to climb attitude

SHORT FIELD, OBSTACLE CLEARANCE

Flaps ----- 25° (second notch)
 Control wheel ----- rotate 52 KIAS
 Maintain 52 KIAS until obstacle clearance
 Accelerate to 79 KIAS after obstacle is clear
 Flaps ----- retract slowly

SHORT FIELD, NO OBSTACLE

Flaps ----- UP
 Control wheel ----- rotate to 50 KIAS
 After breaking ground accelerate to
 best rate of climb speed 79 KIAS

SOFT FIELD, OBSTACLE CLEARANCE

Flaps ----- 25° (second notch)
 Control wheel ----- back pressure to
 ----- rotate to climb attitude
 Maintain 52 KIAS until obstacle clearance
 Accelerate to 79 KIAS after obstacle is clear
 Flaps ----- slowly retract

SOFT FIELD, NO OBSTACLE

Flaps ----- 25° (second notch)
 Accelerate and lift off nose gear as soon as
 possible.
 Flaps ----- slowly retract

9. AFTER TAKE-OFF

Best rate ----- 79 KIAS
 Best angle ----- 63 KIAS
 En route ----- 87 KIAS
 Electric fuel pump ----- OFF at
 ----- Desired altitude

10. CRUISING

Normal max power ----- 75%
 Power ----- set per power table
 Mixture ----- adjust

10.5 FUEL SELECTOR PROCEDURE

Fuel pump ----- ON
 Fuel selector ----- change
 Fuel pressure ----- check
 Fuel pump ----- OFF after 30 sec.

Change tank 30 minutes after departure and
 maximum 2 hours after that. (POH 4.27)

11. DESCENT

Carburetor heat ----- ON if required
 Throttle ----- as required
 Airspeed ----- as required
 Mixture ----- as required

12. APPROACH AND LANDING

Fuel selector ----- proper tank
 Seat back ----- erect
 Belts / harness ----- fasten / adjust
 Electric fuel pump ----- ON
 Mixture ----- set
 Flaps ----- set - 103 KIAS max
 Air conditioner ----- OFF
 Trim to 70 KIAS
 Final approach speed (flaps 40°) --- 63 KIAS

14. After landing (short of runway in use)

Carburetor heat ----- cold
 Wing flaps ----- retract
 Transponder ----- standby
 Fuel pump ----- off
 Landing light ----- off
 Mixture ----- lean
 Time ----- Note
 Taxi clearance ----- obtain (121.90)

15. Engine shutdown

Elt.-121,5 ----- check
 Radios ----- off
 GPS ----- off
 Throttle ----- idle
 Ignition switch ----- off / both
 Throttle ----- 900 rpm
 Mixture ----- idle cut off
 Beacon light ----- off
 Master ----- off
 Ignition switch ----- off
 Fuel selector ----- right
 Time ----- Note
 Storm Window ----- Close

Airplane ----- Tie Down/ Chock
 - ----- Engine Muffs