

Normal Checklist Piper PA-28-180C

Refer to Aircraft Flight Manual for **VH-WIA** as Appropriate.

GPS is via OzRunways Premium on the iPad. Password – 180C (1802)

TRIM CRANK – Clockwise – Nose UP
Anticlockwise – Nose DOWN

FUEL SELECTOR – when changing tanks, MAKE SURE LEVER IS ALIGNED WITH THE DETENT. Fuel starvation can occur if not correctly aligned.

FUEL PUMP – UP = On, Middle = Off, DOWN = On,

BEFORE STARTING ENGINE

1. Exterior Preflight -- COMPLETE.
2. Tach Meter – RECORD.
3. Seats, Belts, Harnesses -- ADJUST & LOCKED.
4. Radios & Electrical Equipment -- OFF.
5. Brakes -- TEST & SET.

STARTING ENGINE

1. Parking Brake -- SET.
2. Carburetor Heat -- COLD.
3. Fuel Selector -- SET TO DESIRED TANK.

• Cold Start

1. Throttle -- OPEN ¼ INCH.
2. Master Switch -- ON
3. Electric Fuel Pump -- ON.
4. Mixture -- RICH.
5. Prime – 4 pumps.
6. Magnetos – **With Magnetos on Both, Press the Starter Push-button.**
7. Throttle -- ADVANCE WHEN ENGINE FIRES.

• Hot Start

1. Throttle -- OPEN ½ INCH.
2. Master Switch -- ON.
3. Electric Fuel Pump -- ON.

4. Mixture -- IDLE CUTOFF.
5. Starter -- *With Magnetos on Both, Press the Starter Push-button.*
6. Mixture – ADVANCE WHEN ENGINE FIRES.
7. Throttle – ADJUST.

• Flooded Start

1. Throttle -- OPEN FULLY.
2. Master Switch – ON
3. Electric Fuel Pump – OFF.
4. Mixture – IDLE CUT OFF.
5. Magnetos – *With Magnetos on Both, Press the Starter Push-button.*
6. MIXTURE – ADVANCE WHEN ENGINE FIRES.
7. Throttle – ADJUST.

GROUND CHECK

1. Brakes -- SET.
2. Throttle – 2,000 RPM.
3. Magnetos -- CHECK. 125 MAX DROP/50 DIFF.
4. Carburetor Heat -- CHECK FOR RPM DROP.
5. Engine Gauges -- CHECK.
6. Fuel Pump -- CHECK OPERATION.
7. Vacuum Pump – CHECK FOR SUCTION.
8. Amps – CHECK CHARGING.
9. Power Off – CHECK IDLE.
10. Passenger Briefing – be nice to them !!

TAKEOFF

1. Fuel -- ON PROPER TANK.
2. Electric Fuel Pump -- ON.
3. Engine Gauges -- CHECKED.
4. Carburetor Heat -- OFF.
5. Mixture -- SET
6. Throttle Friction Lock -- SET
7. Trim Tabs -- NEUTRAL
8. Flaps – SET 10 degrees.
9. Controls -- FREE & CORRECT.
10. Door -- LATCHED.
11. Transponder – ALT.
12. DI – ALIGNED.

ENROUTE CLIMB

1. Airspeed -- 74 - 87 KTS.
2. Throttle -- FULL OPEN.
3. Mixture -- RICH. (*Unless engine is rough*).

CRUISE

1. Power -- WOT – Wide Open Throttle
2. Fuel Selector -- ON PROPER TANK.
3. Mixture -- **Adjust to mark on EGT Gauge.**

APPROACH & LANDING

1. Fuel Selector -- ON PROPER TANK.
2. Electric Fuel Pump -- ON
3. Mixture -- FULL RICH
4. Flaps -- SET (*100 kts Max.*)
5. Airspeed -- 74 kts (*No Flaps*) or 70 kts (*Flaps*)
65 kts Over the Numbers.

FASTER IF LANDING HEAVY

BALKED LANDING

1. Throttle -- FULL OPEN.
2. Carburetor Heat -- COLD.
3. Wing Flaps -- RETRACT TO 2nd NOTCH.
4. Airspeed -- 74 KTS.
5. Wing Flaps -- RETRACT (slowly).

NORMAL LANDING

1. Touchdown -- MAIN WHEELS FIRST.
2. Landing Roll -- LOWER NOSE WHEEL GENTLY.
3. Braking -- MINIMUM REQUIRED.

AFTER LANDING

1. Flaps -- UP.
2. Fuel Pump -- OFF.
3. Trim – NEUTRAL.
4. Transponder – STBY.

SECURING AIRCRAFT

1. Parking Brake -- OFF
2. Radios, Electrical Equipment -- OFF
3. Mixture -- IDLE CUT-OFF
4. Magnetos -- OFF
5. Master Switch -- OFF.
6. Control Lock -- INSTALLED (Plus seat belt through yoke).
7. Tach Meter -- RECORD.
8. Remaining Fuel – RECORD.
9. Tie Downs & Cover On

Piper Cherokee Airspeeds (MCAS)

Vr.....	56
Vx.....	64
Vy.....	74
Va.....	112
Vs1.....	55
Vso.....	47
Vfe.....	100
Vno.....	122
Vne.....	148
Glide	74
XW demo.....	13

Owner / Operator

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You'll need to Hotspot your phone to the iPad to submit a flight plan through OzRunways.

Enroute Weather Radar can be obtained by Hotspotting your Phone. It even shows TS activity.