

TECNAM P2008 Checklist



Preflight:

Cabin

1. "ARROW" Docs
2. Ignition..... Off
3. Master..... On
4. Hobbs & Tach..... Recorded
5. Fuel Gauges..... CHECK
6. Flaps..... Fully Extended
7. Lights & Pitot Heat..... On
8. Master..... On
9. Fuel..... Fullest Tank

Left Side

1. Static Port..... Clear
2. Pitot Tube..... Clear
3. Strut..... Verify Condition
4. Tie Down..... Untie
5. Wing Leading Edge..... Verify Condition
6. Aileron..... Verify Condition
7. Wing Flap..... Verify Condition
8. Fuel Sump..... Verify Clean
9. Fuel Tank..... Check Quantity
10. Fuel Cap..... Secure
11. L Main Gear..... Verify Condition

Tail

1. Stabilator..... Verify Condition
2. Tail & Rudder..... Verify Condition
3. Tie Down..... Untie
4. Antennas..... Verify Condition

Right Side

1. R Main Gear..... Verify Condition
2. Wing Flap..... Verify Condition
3. Aileron..... Verify Condition
4. Wing Leading Edge..... Verify Condition
5. Tie Down..... Untie
6. Strut..... Verify Condition
7. Fuel Sump..... Verify Clean
8. Fuel Tank..... Check Quantity
9. Fuel Cap..... Secure

Nose

1. Nose Gear..... Verify Condition
 - a. Strut Mount Bolt – Present & Secure
2. Prop & Spinner..... Verify Condition
3. Engine Cowling..... Check Components
4. Oil..... Verify Level
 - a. First Flight of Day - Burp Engine
5. Cowling Doors..... Verify Secure
6. Chocks..... Removed

Before Starting Engine:

1. Master/Generator..... On
2. Passenger Briefing..... Complete (S.A.F.E.T.Y)
3. Seat & Seatbelts..... Adjusted & Locked
4. Flight Controls..... Free & Correct
5. Parking Brake..... Set
6. Throttle Friction..... Adjusted
7. Throttle..... Idle
8. Circuit Breakers..... All In
9. Fuel Selector..... Tank with Least Fuel

Starting Engine:

1. Strobe..... On

Hot Start:

Choke..... None

Cold Start:

Choke..... Full FWD

Once Started

Choke..... Full AFT

2. Fuel Pump..... On
3. Area..... Clear
4. Starter..... Engage
5. Choke..... Full Aft (Off)
6. RPM..... 2,000 – 2,500 RPM
7. Oil Pressure..... Within Limits
 - a. 2-5 Bar
8. Fuel Pump..... Off
9. Fuel Pressure..... Within Limits
 - a. .15 - .50 Bar
10. Engine Instruments..... All Within Limits
11. Fuel Quantity..... Verify, Matches Dipstick

Instrument Check:

1. ATIS..... Obtained
2. Barometer..... Set
3. Airspeed..... Zero
4. Attitude..... Stable
5. Turn Coordinator..... Centered
6. Altimeter..... $\pm 75'$ of Field Elevation
7. VSI..... Zero
8. HSI..... Accurate
9. Mag Compass..... Accurate
10. Clock..... Operational

Taxi Check:

1. Flaps..... Up
2. Trim..... Neutral
3. Lights..... As Required
4. Parking brake..... Released
5. Brakes..... Check Operation

First Turn

1. HSI..... Turns to Known Heading
2. Mag Compass..... Turns to Known Heading
3. Turn Coordinator..... Swings Opposite of Turn

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Run-Up Check:

1. Brakes..... Held
2. Parking Brake..... Set
3. Engine Instruments..... Within Limits
4. Fuel Pump..... On
5. Fuel Selector..... Fullest Tank
6. Fuel Pressure..... Within Limits
7. Throttle..... 4,000 RPM
8. Magneto Check
 - a. Left – Both – Right – Both
 - b. Max RPM Drop: 300 RPM
 - c. Max Difference: 120 RPM
9. Throttle..... Idle
10. Fuel Pump..... Off
11. Pitch Trim..... Neutral
12. Flight Controls..... Free & Correct
13. Radios..... Set
14. Takeoff Briefing..... Complete
15. Parking Brake..... Released
16. Taxi Instructions..... Obtain

Before Take Off:

1. Radios..... Set
2. Flaps..... T/O (15°)
3. Pitch Trim..... Neutral
4. Flight Controls..... Free & Correct
5. Seatbelts..... Fastened
6. Doors..... Closed & Locked
7. Transponder..... 1200
8. Landing Light..... On
9. Taxi Light..... Off
10. Fuel Pump..... On
11. Takeoff Briefing..... Complete
12. Timer..... Set

Take Off & Climb:

1. Throttle..... Full
2. Engine Instruments..... Within Limits
3. RPM..... 5,500 RPM
4. Rotate..... 48 KIAS
5. Climb out
 - a. V_X 63 KIAS
 - b. V_Y 69 KIAS
6. At 500ft..... Flaps Up
7. At 1000ft..... Fuel Pump Off

Cruise:

1. Throttle..... 4,600 RPM
2. Engine Instruments..... Within Limits
3. Landing Light..... Off
4. Every 30 Mins..... Switch Tanks

Before Landing:

1. Fuel Pump..... On
2. Fuel..... Fullest Tank
3. Landing Light..... On
4. Parking Brake..... Verify Forward
5. Flaps..... As Required
 - a. Normal..... T/O Position (15°)
 - b. Soft/Short Field..... LDG Position (30°)
6. Approach speed..... As Required
 - a. Downwind..... 85 - 90 KIAS
 - b. Base..... 70 KIAS
 - c. Final..... 65 KIAS

After Landing:

1. Radio..... Set
1. Flaps..... Up
2. Taxi Light..... On
3. Landing light..... Off
4. Fuel Pump..... Off

Engine Shutdown:

1. Throttle..... Idle
2. Brakes..... Held
3. Parking Brake..... Set
4. Hobbs & Tach..... Record
5. Lights..... Off
6. Key..... Off
7. Master & Generator..... Off
8. Fuel Selector..... Off (If Last Flight)

Aircraft Data:

Max Gross Take Off Weight: 1320 lbs.

Max Landing Weight: 1320 lbs.

Max: Baggage Weight: 44 lbs.

Max (Usable) Fuel: 32 gal. (16 gal. each wing)

Oil Capacity: Between Indention Marks on Dipstick

V Speeds:

V_R 48 KIAS
 V_X 63 KIAS
 V_Y 69 KIAS
 V_G 65 KIAS
 V_{FE} 71 KIAS
 V_A 98 KIAS
 V_{NO} 113 KIAS
 V_{NE} 145 KIAS

Max Crosswind: 15 knots

Max Headwind: 20 knots