

PA-28R-200 PIPER ARROW II

Quick Reference Normal Operating Checklist

For use only with an approved Piper Checklist

BEFORE STARTING

1. Preflight.....Complete
2. Seat Belts.....Fasten
3. Pax Briefing.....Complete
4. All Avionics.....Off
5. Circuit Breakers.....In
6. Ldg Gear Switch.....Down
8. Flaps.....Up
9. Lights.....As Required
10. Fuel Selector.....Fullest Tank
11. Master Switch.....On

NOTE:

If external pwr is used the master switch must be off before connecting external pwr.

STARTING

1. Mixture.....Full Rich
2. Propeller.....High RPM
3. Throttle.....Closed

NOTE:

If the engine is hot, place mixture control in IDLE CUT-OFF. Throttle half open. Ignition to start. When engine fires move mixture to rich, and throttle to Idle.

4. Fuel Boost Pump.....On
5. Throttle.....Advance

NOTE:

Advance throttle. At the first indication of fuel flow, fuel boost pump off and throttle to Idle.

6. Ignition.....To Start

NOTE:

Do not run Starter for more than 30 seconds in any four minute period

7. Throttle.....1000 RPM
8. Oil Pressure.....Check
9. External Power.....Disconnect
10. Engine Gages.....Check

BEFORE TAXI

1. Avionics.....On
2. ATIS.....Copy
3. Lights.....As Required
4. Brakes.....Test

BEFORE TAKEOFF

1. Parking Brake.....Set
2. Seat Belts/Harness.....Check
3. Avionics.....Set
4. Engine Instruments.....Check
5. Flight Instruments.....Set
6. Ammeter.....Check
7. Mixture.....Rich
8. Throttle.....2000 RPM
9. Propeller.....Exercise
10. Magnetos.....Check Lt. and Rt.
11. Vacuum Pressure.....Check
12. Boost pump.....Off (check flow) On
13. Throttle.....1000 RPM
14. Fuel Selector.....Fullest Tank
15. Trim.....Set
16. Flaps.....Check, and Set
17. Flight Controls.....Check
18. Door.....Latched and Secure
19. Seats.....Erect
20. Pitot Heat.....As Required
21. Transponder..Proper code & ALT
22. Brakes.....Release

TAKEOFF

1. Wing Flaps.....As required
2. Propeller.....Full Increase
3. Throttle.....Full Power
4. Airspeed.....Rotate at 65 MPH

CLIMB

1. Landing Gear.....Up
2. Flaps.....Up
3. Climb Pwr.....25"- 2500 RPM
4. Vx Climb.....85 or 96 MPH
5. Vy Climb.....95 or 100 MPH
6. Cruise Climb.....110 MPH
7. Engine Temps.....Monitor
8. Mixture.....As Required
9. Landing Light.....Off

NOTE:

As altitude increases throttle must be increased to maintain Manifold Pressure.

CRUISE

1. Cruise Pwr.....Set as per POH
2. Mixture.....Adjust
3. Fuel Boost Pump.....Off
4. Trim.....Adjust

DESCENT

1. Power.....As Required

NOTE:

Reduce power slowly so as to not shock cool the cylinders

2. Mixture.....Adjust
3. ATIS.....Receive and Copy

BEFORE LANDING

1. Seat Belts.....Check
2. Fuel Selector.....Fullest Tank
3. Fuel Boost Pump.....On
4. Landing Light.....On
5. Mixture.....As Required
6. Landing Gear....Down - 150 MPH
7. Flaps.....As Required - 125 MPH
8. Propeller.....High RPM
9. G.U.M.P.S.....On Downwind
10. Normal App.....90 MPH
11. Short App.....85 MPH

AFTER LANDING

1. Flaps.....Up
2. Transponder.....Standby
3. Lights.....As required

SHUTDOWN

1. Avionics.....Off
2. Electrical Equipment.....Off
3. Fuel Boost Pump.....Off
4. Throttle.....1000 RPM
5. Mixture.....IDLE CUT-OFF
6. Magnetos.....Off
7. Master Switch.....Off
8. Hobbs Time.....Record
9. Tie Downs.....As Required

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REMEMBER TO CLOSE YOUR VFR FLIGHT PLAN!