

PA-34 PIPER SENECA

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. Lights.....As Required
7. Ldg Gear Switch.....Down
8. Alternate Air.....Off
9. Cowl Flaps.....Open
10. Flaps.....Up
11. Fuel Selectors.....On
12. Alternators.....On
13. Master Switch.....On

NOTE:

If external pwr is used the Master and Alternators must be OFF before connecting the pwr plug.

STARTING

1. Mixtures.....Full Rich
2. Propellers.....High RPM
3. Throttles.....Full Open
4. Magnetos.....On
5. Primer Button.....Prime
6. Throttle.....1/4 inch
7. Starter.....Engage
8. Throttle.....1000 RPM
9. Oil Pressure.....Check

NOTE:

Turn Master Switch ON after the external pwr plug has been removed from the aircraft if required.

10. Alternators.....Check On
11. Engine Gages.....Check

BEFORE TAXI

1. Avionics.....On
2. ATIS.....Copy
3. Brakes.....Test
4. Lights.....As Required
5. Fuel Selectors.....Crossfeed

BEFORE TAKEOFF

1. Parking Brake.....Set
2. Fuel Selectors.....On
3. Avionics.....Set
4. Flight Instruments.....Set
5. Engine Instruments.....Check
6. Throttles.....1000 RPM
7. Propellers.....Feather Check
8. Throttles.....1900 RPM
9. Propellers.....Exercise
10. Alternate Air.....Cycle
11. Magnetos.....Check
12. Alternators.....Check Output
13. Gyro Pressure.....Check
14. Throttles.....1000 RPM
15. Annunciator Panel.....Test
16. Flaps.....Check, and Set
17. Trims.....Set
18. Doors.....Latched and Secure
19. Flight Controls.....Check
20. Mixtures.....Rich
21. Aux Pumps.....Off
22. Seats.....Erect
23. Seat Belts.....Fasten
24. Shoulder Harnesses.....On
25. Pitot Heat.....As Required
26. Transponder.....On Alt
27. Brakes.....Release

CLIMB

1. Landing Gear.....Up
2. Climb Pwr.....31"- 2450 RPM
3. Vx Climb.....90 MPH
4. Vy Climb.....105 MPH
4. Cruise Climb.....120 MPH
5. Engine Temps.....Monitor
6. Mixtures.....As Required
7. Cowl Flaps.....As Required

CRUISE

1. Cowl Flaps.....As Required
2. Power.....Set
3. Mixtures.....Adjust
4. Trim.....Adjust
5. Alternate Air.....As Required

DESCENT

1. Power.....As Required
2. Mixtures.....Adjust
3. ATIS.....Receive and Copy
4. Cowl Flaps.....Closed

BEFORE LANDING

1. Seat Belts.....Check
2. Fuel Selectors.....On
3. Cowl Flaps.....As Required
4. Mixtures.....Set
5. Aux Pumps.....Off
5. Ldg Gear.....Down - 150 MPH
6. Flaps.....As Required
 - 1st Notch 160 MPH
 - 2nd Notch 140 MPH
 - 3rd Notch 125 MPH
7. Propellers.....High RPM
8. Heater.....Off or Fan
9. Normal App.....105 MPH
10. Short App.....87 MPH

AFTER LANDING

1. Cowl Flaps.....Open
2. Flaps.....Up
3. Transponder.....Standby
4. Alternate Air.....Closed

NOTE:

If Heater is on after landing, it must be switched to FAN for 2 minutes, then OFF

SHUTDOWN

1. Avionics.....Off
2. Electrical Equipment.....Off
3. Throttles.....1000 RPM
4. Mixtures.....IDLE CUT-OFF
5. Magnetos.....Off
6. Master Switch.....Off
7. Alternator Switch.....Off
8. Tie Downs.....As Required

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REMEMBER TO CLOSE YOUR VFR FLIGHT PLAN!