



**Seneca PA-34
Condensed Checklist**

SAFETY CHECK

1. Parking Brake ON
2. Gear/Flap Handles..... CHECKED
3. Hobbs Meter CHECKED
4. Emergency Equipment..... CHECKED
5. Papers..... ABOARD

COCKPIT CHECK

1. Internal/External Insp COMPLETE
2. Magnetos OFF
3. Electrical Switches..... OFF
4. Circuit Breakers..... CHECKED
5. Alternate Air OFF
6. Cowl Flaps OPEN
7. Flight Controls CHECKED
8. Trim CHECKED/VERIFIED
9. Battery Master ON
10. Landing Gear Indications CHECKED
11. Fuel Quantity CHECKED
12. Flaps CHECKED
13. Lights CHECKED
14. Battery Master OFF
15. Fuel Selector ON
16. Static Source..... NORMAL
17. Weight/Balance..... CHECKED

BEFORE START

1. Parking Brake SET
2. Seats SECURED
3. Seat Belts/Shoulder Harnesses..... FASTENED
4. Passengers BRIEFED
5. Battery Master ON
6. Alternators..... ON
7. Magnetos ON
8. Fuel Quantity CHECKED

ENGINE START (S)

1. Anti-Collision Light ON
2. Mixture..... IDLE CUTOFF
3. Prop Control MAX RPM
4. Throttle ½ INCH OPEN
5. Fuel Pumps..... ON
6. Prop Area CLEAR
7. Starter..... ENGAGED
8. Mixture..... ADVANCE SLOWLY
9. RPM SET
10. Oil Pressure CHECKED

FLOODED ENGINE START (S)

1. Mixture..... IDLE CUT-OFF
2. Prop Area CLEAR
3. Throttle OPEN FULL
4. Magnetos ON
5. Auxiliary Fuel Pump..... OFF
6. Starter..... ENGAGED
7. Throttle RETARD
8. Mixture..... ADVANCE SLOWLY
9. Oil Pressure CHECKED

HOT START

1. Mixture..... IDLE CUT-OFF
2. Throttle ½ INCH OPEN
3. Master Switch ON
4. Magnetos ON
5. Fuel Pumps..... OFF
6. Prop Area CLEAR
7. Starter..... ENGAGE
8. Mixture..... ADVANCE AS ENGINE STARTS
9. Oil Pressure CHECKED

AFTER START

1. Alternators..... CHECKED
2. Suction..... CHECKED
3. Fuel Pumps..... OFF
4. Left/Right Fuel Selectors..... CROSS FEED
5. Avionics Master ON
6. Altimeter CHECKED & SET
7. Instruments..... CHECKED & SET
8. Avionics..... CHECKED & SET
9. Left/Right Fuel Selectors..... ON
10. Parking Brake..... RELEASED
11. Mixture LEAN 1"

TAXI

1. Brakes CHECKED LF/RT
2. Taxi Clearance RECEIVED
3. Compass & DG's CHECKED LF/RT
4. Attitude Indicators CHECKED LF/RT
5. Turn and Bank CHECKED LF/RT

RUNUP

1. Parking Brake SET
2. Throttle 1000 RPM
3. Mixture..... RICH
4. Engine Instruments..... CHECK
5. Throttle 1500 RPM
6. Prop CHECK FEATHERING (300 RPM MAX)
7. Throttle 2000 RPM
8. Magnetos CHECK
9. Prop CYCLE
10. Alt Air CHECK then OFF
11. Alternator Output CHECK
12. Gyro Suction CHECK
13. Throttle CHECK IDLE/THEN 1000 RPM

BEFORE TAKEOFF

1. Run-Up..... COMPLETED
2. Vr VERIFIED
3. Flaps CHECKED/VERIFIED
4. Trims CHECKED/VERIFIED
5. ATC Clearance VERIFIED
6. COM/NAV/Transponder VERIFIED
7. Flight Controls CHECKED
8. Fuel Selectors ON
9. Fuel Pumps..... ON
10. Cowl Flaps OPEN
11. Cockpit Doors/Windows CLOSED
12. Captain Briefing..... COMPLETED
13. Parking Brake..... RELEASED

TAKEOFF

1. Passengers NOTIFY
2. Mixtures RICH
3. Propellers MAX RPM
4. External Lights ON
5. Pitot Heat AS REQUIRED
6. Transponder ALTITUDE

AFTER TAKEOFF 1500' agl

1. Gear..... UP
2. Flaps UP
3. Climb Power SET
4. Cowl Flaps AS REQUIRED
5. Landing Light OFF
6. Fuel Pumps..... OFF

CRUISE

1. Instrument/Switches CHECKED & SET
2. Cruise Power SET
3. Mixtures ADJUST
4. Cowl Flaps AS REQUIRED

DESCENT AND APPROACH

1. Altimeters..... SET
2. Fuel Quantity CHECKED
3. Mixtures ADJUST
4. Approach Brief COMPLETE
5. Landing Speed VERIFIED
6. Passenger Brief..... COMPLETED
Prior to traffic pattern
7. Exterior Lights ON
8. Seat Belts ON
9. Fuel Selectors ON

LANDING

1. Gear..... 3 GREEN/CONFIRMED
2. Brakes..... CHECKED
3. Flaps AS REQUIRED
4. Fuel Pumps..... ON
5. Mixture..... RICH
6. Propellers MAX RPM

PATTERN CHECKLISTS REQUIRED

- After Landing
- Before Takeoff
- Takeoff Check
- Landing Check

SINGLE ENGINE LANDING PROCEDURE

- Landing Gear DOWN
Flaps AS REQUIRED (25° MAX)
Airspeed 105 MPH
Over Threshold 90 MPH

AFTER LANDING

1. Flaps UP
2. Cowl Flaps OPEN
3. Transponder STANDBY
4. External Lights AS REQUIRED
5. Pitot Heat OFF
6. Fuel Pumps..... OFF

SHUTDOWN

1. Parking Brake SET
2. Electrical Equip OFF
3. Throttle FULLY AFT
4. Mixtures IDLE CUT-OFF
5. Magnetos OFF
6. Anti-Collision Light OFF
7. Battery Master/Alternators OFF
8. Hobbs Meter RECORDED
9. Parking Brake OFF (WHEN CHOCKED)
10. Controls SECURED
11. Aircraft TIED DOWN
12. Discrepancies NOTED