

# Piper Aztec Checklist

## Pre-Flight

1. Papers – AROW
2. Weather
3. Pilot / Co-pilot - IMSAFE
4. Weight & Balance
5. Performance Requirements

## Interior Initial

1. Gear Handle Neutral
2. Flap Handle Neutral
3. Mags OFF
4. Avionics OFF
5. Fuel Selector – Either tank
6. Master ON
7. Gear Lights – 3 GREEN
8. Exterior Light – Check
9. Pitot Heat - Check
10. Stall Horn – Check
11. Fuel Gauges – Check / then switch
12. Master OFF

## Exterior

1. Fuel Quantity
2. Fuel Quality – Sumps located inboard and under engine cowls (fuel selector controls gascolator / most forward sump).
3. Ensure fuel cap tightness
4. Engine oil – Check
5. Engine belt – Check tight
6. Prop – Check for absence of grease and nicks
7. Exhaust – Check
8. Cowl flaps – Check
9. Surfaces and controls – Free and Correct
10. Antennas – Fixed
11. Pitot static – Check

12. Baggage Doors – Closed Locked and Key Removed
13. Gear – Check strut – Visual
14. Brakes – Check for absence of leaks
15. Tires – Pressure 55psi

### **Interior Before Start**

1. Passenger Brief
2. Tach / Hobbs time
3. Circuit Breakers (both sets)

### **Start COLD**

1. Gear Handle – Neutral
2. Flap Handle – Neutral
3. Avionics – OFF
4. Props – FORWARD
5. Mixtures – FORWARD
6. Throttles – FORWARD
7. Master – ON
8. Alternators – ON
9. Fuel Pumps – ON – Until Indication
10. Throttles – BACK
11. Mixtures – BACK
12. Mags – ON
13. Clear Prop Area
14. Starter – Engage
15. Mixture – Raise
16. Throttle – As necessary
17. Repeat process for second engine

### **Start HOT**

1. Gear Handle – Neutral
2. Flap Handle – Neutral
3. Avionics – OFF
4. Props – FORWARD
5. Mixtures – FORWARD
6. Throttles – FORWARD
7. Master – ON

8. Alternators – ON
9. Fuel Pumps – ON – SLIGHT
10. Throttles – BACK
11. Mixtures – BACK
12. Mags – ON
13. Clear Prop Area
14. Starter – Engage
15. Slowly raise throttle through full range (should start after full motion then retarded 1/3 from closed)
16. Mixture – Raise
17. Repeat process for second engine

### **Run-Up**

1. Brakes – Set
2. Autopilot – Test (If required)
3. Trim – Takeoff
4. Flight Controls – Free
5. Mixture – Best
6. 1500RPM
7. Feather – Test
8. 2000RPM
9. Props – Cycle
10. Mags – Check
11. Suction
12. Amps / Volts
13. Alternators
14. Oil Pressure
15. Oil Temperature
16. Fuel Flow
17. Idle – Closed

### **Pre-Takeoff**

1. Avionics – Set
2. Doors – Latched
3. Lights – As Required
4. Pitot Heat – As Required
5. Flaps – Set

6. Cowl Flaps – OPEN
7. Mixture – Forward
8. Props – Forward
9. Fuel Pumps – ON

### **Takeoff**

1. Position & Hold
2. 2200RPM
3. Fuel Flow– Check (No Spikes)
4. Oil Pressure
5. Oil Temperature
6. Power – FULL
7. Brakes – Release
8. Fuel Flow – Check (No Spikes)
9. Airspeed – Alive
10. Rotate – 80mph
11. Climb – 102mph
12. Gear – Retract

### **Climb**

1. 1000ft AGL – Power Set
2. Fuel Pumps – OFF
3. Lights – As Required

### **Cruise**

1. Cruise Altitude - Power Set
2. Cowl Flaps – Closed
3. Mixture – Lean

### **Descent**

1. Cowl Flaps – Closed
2. Fuel Selector – As Required
3. Mixture – As Required
4. Power – As Required
5. Heater – OFF / Fan

### **Pre-Landing**

1. Lights – As Required
2. Autopilot – OFF
3. Fuel Selector – As Required
4. Fuel Pumps – ON
5. Mixture – Forward
6. Props – As Necessary
7. Gear – Extend
8. Flaps – As Required (Count 1.2.3 quickly & release for half)
9. **GUMPS**

### **Landing**

1. Gear – Extended
2. Flaps – As Required
3. Speed – 80 – 85mph

### **After Landing**

1. Fuel Pumps – OFF
2. Mixture – As Required
3. Cowl Flaps – As Required
4. Lights – As Required
5. Flaps – As Required
6. Pitot Heat – OFF
7. Avionics – Set

### **Shutdown**

1. Avionics – OFF
2. Heater – OFF
3. Mixture – Lean
4. Mags – OFF
5. Lights – OFF
6. Master – OFF
7. Aircraft – STOW