

PA-38-112 TOMAHAWK Checklist

Before Starting Engine

1. Cabin DoorsCLOSED AND LATCHED
2. Overhead LatchENGAGED
3. SeatsADJUSTED AND LOCKED
4. Seat Belts & HarnessesFASTENED
5. Circuit BreakersIN
6. Parking BrakeSET
7. Carburetor HeatFULL OFF
8. Fuel SelectorDESIRED TANK

Engine Start (Cold)

1. PrimeAS REQUIRED (LEAVE OUT)
2. ThrottleOPEN ½ INCH
3. Master SwitchON
4. Electric Fuel PumpON
5. MixtureFULL RICH
6. StarterENGAGE
7. PrimerPUSH IN SLOWLY
8. ThrottleADVANCE SLIGHTLY
9. Oil PressureCHECK
10. Electric Fuel PumpOFF
11. Fuel PressureCHECK
12. PrimerLOCKED

Warm Up

1. Throttle800 to 1200 RPM

Before Taxi

1. AvionicsON
2. RadiosON
3. Taxi AreaCLEAR
4. BrakesCHECK
5. SteeringCHECK

Engine Check

1. BrakesSET
2. Throttle1800 RPM
3. Magnetos175 Max/ 50 Diff.
4. Vacuum5.0" Hg ± .1
5. Oil TempCHECK
6. Oil PressureCHECK
7. Carburetor HeatCHECK
8. ThrottleRETARD

Before Takeoff

1. Master Switch CHECK ON
2. Flight Instruments CHECK
3. Fuel Selector PROPER TANK
4. Mixture SET
5. Electric Fuel Pump ON
6. Carburetor Heat OFF
7. Engine Gauges CHECK
8. Static Source NORMAL
9. Seats LATCHED IN TRACK
10. Seat Backs ERECT
11. Belts/Harness FASTENED
12. Flaps FLAPS ONE
13. Trim Tab SET
14. Controls FREE
15. Doors CLOSED and LATCHED
16. Overhead Latch ENGAGED
17. Transponder ALT

Climb

1. Best Rate of Climb Speed 70 KIAS
2. Flaps RETRACT
3. Electric Fuel Pump OFF

Cruising

1. Cruise power 2200 RPM
2. Fuel Selector SWITCH AS NEEDED

Approach and Landing

1. Fuel Selector PROPER TANK
2. Seat Backs ERECT
3. Belts/Harness FASTEN
4. Electric Fuel Pump ON
5. Mixture SET
6. Flaps SET (89 KIAS MAX)
7. Trim SET
8. Approach Speed 70 KIAS

After Landing

1. Flaps RETRACT
2. Electric Fuel Pump OFF
3. Avionics OFF
4. Magnetos CHECK GROUND
5. Throttle FULL AFT
6. Mixture IDLE CUT-OFF
7. Magnetos OFF
8. Master Switch OFF