



TECNAM P2010 NORMAL PROCEDURES CHECKLIST

*This is to be used as a REFERENCE ONLY, it is not a substitute for the Airplane Flight Manual.

*Refer to AFM/POH for amplified procedures. User assumes all risk of use in using this product. User consents to and understands that American Flight Schools bears no liability for the use of this product.

Vr.....60	Vno.....132
Vy (SL)flaps up... 82	Vne.....166
Vx (SL)flaps up....75	App (T/O)75
Vx (SL)flaps T/O...65	App (FULL)70
Vso.....50	Va120
Vs..... 59	Best Glide.....85
Vfe.....91	Max T/O.....2557lbs
Max Xwind.....12	Max LND.....2557lbs

KAPA - Tower	118.9
KAPA - Ground	121.8
KAPA - ATIS	120.3
KAPA - Approach	132.75
KBJC - Tower	118.6
KBJC - Ground	121.7
KBJC - ATIS	126.25
KBJC - Approach	126.1
KFTG - Tower	120.2
KFTG - Ground	124.7
KFTG - ATIS	119.25
FSS	122.2

BEFORE STARTING ENGINE

1. Seats and safety belts adjusted
2. Flight controls..... free
3. Throttle frictionadjust
4. ThrottleIDLE
5. Propeller Lever HIGH RPM
6. MixtureLEAN
7. Circuit Breakerscheck
8. Master switchON
PFD turn on, Check ALT OUT caution ON,
Check LOW FP and LOW OP warning ON
10. Standby instrument check:
 - a. Standby Instrument: Check no red crosses displayed.
 - b. Press and hold the control knob (approx. 2 sec)
 - c. Rotate the knob selecting "INFO>" page then press it
 - d. Select "BATTERY INFO" page then press the knob
 - e. Check "CHARGE (%)" more than 80%, then exit menu
11. Avionic MasterON
12. Fuel quantity Check
13. Electric fuel pump ON
14. Warning "LOW FUEL PRESSURE"extinguished
15. Electric fuel pumpOFF
16. Flap control set to T/O
17. Pitch Trim set to NEUTRAL
18. Rudder trimset to NEUTRAL
19. Strobe & Nav lightsON
20. DoorsClosed and locked

NORMAL START- COLD ENGINE

1. Throttleopen(1/2 inch)
2. Fuel selectorselect the tank with less fuel
3. Electric fuel pumpON
4. Mixture.....full open for 3 - 5"
(positive fuel flow indication) then CUT-OFF
5. Propeller areaclear
6. Ignition keySTART
7. MixtureFULL RICH
8. Throttle1000 - 1200 RPM
9. Oil pressurerises within 10 sec.
10. Check "OIL PRESSURE LOW"OFF
11. Electric fuel pumpOFF
13. Check fuel pressurewithin limits
14. Generator switchON
15. Voltmetercheck

16. ALT FAIL cautionextinguished
17. Nav. and taxi lightON
18. Engine instrumentsCheck
19. Check G1000 for warning/caution messages

NORMAL START- HOT ENGINE

1. Engine throttleIDLE
2. Fuel selectorselect the tank with less fuel
3. Electric fuel pumpON
4. Propeller areaclear
5. Ignition keySTART
6. MixtureFULL RICH
7. Throttle1000 - 1200 RPM
8. Oil pressurerises within 10 sec.
9. Electric fuel pumpOFF
10. Check fuel pressurewithin limits
11. Generator switchON
12. Voltmetercheck
13. ALT FAIL cautionextinguished
14. Engine instrumentscheck
15. Check G1000 for warning / caution messages

BEFORE TAXIING

1. Flight instruments and avionics: set, TEST functions
2. AltimetersXCheck
3. Pitot HeatON, test for ammeter
.....indication, then OFF
4. Auto-Pilot Master.....

TAXIING

1. Parking brakeRelease
2. Brakescheck
3. Flight instrumentscheck altimeter
4. Mixture.....Set

BEFORE TAKEOFF (RUN-UP)

1. Engine instrumentsCheck
2. ALT OUT cautionOFF (check)
3. Autopilot Master.....ON
4. Electric Trim Disc.....ON
5. Electric Fuel pumpON
6. Fuel selector valve fullest tank
7. Fuel pressurecheck
8. Throttle 1500 RPM
9. Alternate AirExtended
10. Throttle2100 RPM
11. Mixture1375 EGT
12. Propeller Levercycle (3x)
13. Magnetoscheck
(max drop 175 rpm, Max difference 50 rpm)
14. ThrottleIdle
15. Throttle.....RPM
16. Flapsset T/O
17. Pitch and Rudder trimneutral
18. Flight controls free
19. Seat beltscheck fastened
20. Doorscheck closed and locked
21. Parking brakeRelease
22. Landing lightas required
23. XPDRON
24. Departure Briefcompleted

TAKEOFF

1. Pitot HEATON if required
2. Fuel pumpON
3. Brakesapply
4. Throttle.....FULL POWER
5. Engine instrumentscheck
6. BrakesRelease
7. Rotation60 KIAS
8. Climb Airspeed67 KIAS

Above a safe height:

1. Propeller lever2600 RPM
2. Landing lightsOFF
- 3.

CLIMB

1. Flaps UP (minimum speed 73 KIAS)
2. Establish climb Vy 82 KIAS
3. Electrical fuel pumpOFF
4. Fuel pressurecheck
5. ThrottleFULL
6. MIXTURESET
7. Lights.....SET
8. Engine instruments GREEN

CRUISING

1. Power(>75%)
2. Propeller lever1800-2500 RPM
3. Fuel tank selectoras required
4. MixtureSET(1375 MAX EGT)
5. Lights.....As Required

DESCENT

1. Mixture controlSET
2. Propeller leverSET
3. ThrottleSET

BEFORE LANDING

1. Electric fuel pumpON
2. Fuel valveselect the fullest tank
3. Landing LightON
4. On downwind, leg abeam touch down point:
5. Flaps.....set T/O (below 90KIAS)
6. Approach speed.....SET
7. Mixture control leverRICH
8. Propeller LeverHIGH RPM
9. Flaps LAND
10. Final Approach Speed SET
11. Optimal touchdown speed70 KIAS

BALKED LANDING/MISSED APPROACH

1. Throttle.....FULL
2. Speed.....keep over 80 KIAS
.....climb to VY or VX as applicable
3. Flaps position.....T/O

GO-AROUND

1. Throttle.....FULL
2. Speed.....keep over 80 KIAS
.....climb to VY or VX as applicable
3. Flaps position.....T/O

AFTER LANDING

1. ThrottleIdle
2. Brakesapply
3. Pitot heatOFF (if ON)
4. FlapsUP
5. Electric Fuel PumpOFF
6. XPDROFF
7. Landing lightOFF

STOPPING ENGINE

1. Parking brakeSET
2. Keep engine running at 1200 propeller rpm for about one minute in order to reduce latent heat.
3. Tach Time (MFD engine page)....record
4. Autopilot Master.....OFF
5. Electric Trim Disc.....OFF
6. Avionic equipmentOFF
7. Throttleidle
8. MagnetosCheck OFF – BOTH
9. Mixtureclosed
10. Ignition keyOFF, key removed
11. Strobe lightOFF
12. Avionic Master OFF
13. Master & Generator switches OFF
14. Fuel selector valveOFF

PARKING

1. Flight controlslocked
2. Wheel chocks and Tie Downsecure
3. Parking brakeRelease
4. DoorsClose and lock
5. Protection plugsinstall