



TECNAM P2010 EMERGENCY PROCEDURES & PREFLIGHT 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.

ENGINE FIRE DURING START

1. Mixture CUT OFF
2. Fuel Selector OFF
3. Ignition key OFF
4. Fuel pump..... OFF
5. MASTER SWITCH OFF
6. Aircraft evacuation..... PERFORM

ENGINE POWER LOSS DURING TAKEOFF

*If engine fails before rotation: ABORT
TAKE OFF*

1. Throttle LeverIDLE
(fully out and hold)
2. Mixture CUT OFF
3. Brake AS REQUIRED

With aircraft stopped

4. Ignition key..... OFF
5. Fuel Selector.....OFF
6. Electrical fuel pump OFF
7. Generator & Master Switches..... OFF
8. Parking Brake..... ENGAGED
9. Aircraft Evacuation..... PERFORM
.....if necessary

ENGINE POWER LOSS IN FLIGHT

*If engine fails immediately after becoming
airborne:*

1. Abort on the runway if possible.

*In case low altitude precludes a runway stop
and / or engine restart:*

INFLIGHT ENGINE RESTART

1. Airspeed85KT
2. Find a suitable place to land safely.
3. Master switch Check ON
4. Fuel pump ON
5. Fuel quantity indicator CHECK
6. Fuel Selector SWITCH TANK
7. Throttle Lever Min 1cm. above IDLE
8. Propeller Lever..... Full forward
9. Mixture FULL rich
10. Throttle lever SET as required

If restart unsuccessful

1. Throttle Lever..... IDLE
(fully out and hold)
2. Mixture..... CUT OFF
3. Brakes..... As required

With aircraft stopped

4. Fuel Selector..... OFF
5. Electrical fuel pump..... OFF
6. Ignition key..... OFF
7. Generator & Master Switches..... OFF
8. Parking Brake..... ENGAGED
9. Aircraft Evacuation..... PERFORM
.....if necessary

POWER OFF LANDING

1. Flaps..... UP
2. Airspeed ESTABLISH VGLIDE
3. Radio Transmit
MAYDAY giving location and intentions
4. Transponder 7700
5. If off airport, ELT ON
6. Throttle Lever IDLE

*Find a suitable place to land safely, plan to
approach it upwind*

7. Mixture CUTOFF
8. Fuel Selector OFF
9. Ignition key OFF
10. Fuel pumpOFF
11. Seat belts Tightly FASTENED

When landing is assured:

12. Flaps AS REQUIRED
13. Generator and Master switches OFF

FIRE IN FLIGHT

1. Cabin heat and defrost BOTH OFF
2. MixtureCUTOFF
3. Fuel Selector OFF
4. Throttle Lever FULL FORWARD
5. Ignition key OFF
6. Electrical fuel pump OFF
7. Emergency.....Declared
8. Master Switches OFF
9. Cabin ventilation OPEN
10. LandPower OFF

LOSS OF FUEL PRESSURE

1. Electric fuel pump..... ON
2. Fuel selector valve..... Select
.....opposite fuel tank if NOT empty
3. Fuel quantity CHECK

ELECTRICAL FAILURES

1. MASTER SWITCHOFF
2. Generator SwitchOFF
3. MASTER SWITCHON
4. Generator SwitchON

If failure persists Land as soon as possible

5. Effected C/B.....Pull

PROPELLER OVERSPEED

1. Throttle LeverREDUCE power
2. Propeller LeverDecrease RPM
3. Mixture LeverAs required
4. RPM indicator CHECK

If it is not possible to decrease propeller rpm, land as soon as possible

SPIN RECOVERY (PARE)

1. THROTTLE.....IDLE
2. AILERONS.....NEUTRAL
3. RUDDER.....FULL OPPOSITE
(to direction of rotation)
4. CONTROL WHEEL.....FULL FORWARD
5. RUDDER.....NEUTRAL
(when rotation stops)
6. CONTROL WHEEL.....AS REQUIRED
(to smoothly regain level flight altitude)

PREFLIGHT CHECK

COCKPIT

1. Aircraft documentsARROW
2. Weight and balancecalculate
3. Breakerall IN
4. Safety beltscheck condition
5. Ignition keyOFF, key extracted
6. Master switchON
7. Voltmetercheck within the limits
8. Lightsall ON, check for operation
9. Acoustic stall warning
.....check for operation
10. Master switchOFF
11. BaggageCheck for equipment

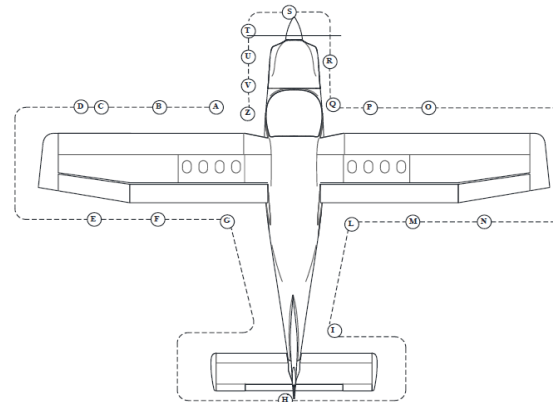


Figure 4.1

AIRCRAFT WALK-AROUND

- A. Left fuel filler cap.....Check
- B. Pitot tubeCheck
- C. Left side leading edge and wing skin
.....Check
- D. Left strobe lightCheck
- E. Left aileron, hinges and LH tank vent
line.....Check
- F. Left flap and hinges.....Check
- G. Left main landing gear.....Check
- H. Stabilator, tab and rear light.....Check
- I. Vertical tail and rudderCheck
- L. Right main landing gear.....Check
- M. Right flap and hinges.....Check
- N. Right aileron, hinges and RH tank vent
line.....Check
- O. Right strobe light, leading edge and
wing skin.....Check
- P. Stall indicator switchCheck
- Q. Right fuel filler capCheck
- R. Nose wheel strut and tire/RH static
port.....Check
- S. Propeller and spinner condition
.....Check

- T. Check the engine cowling surface
conditions, then open engine
inspection doors.....Check
- U. Engine cowling doorsCLOSE
- V. Landing/taxi light and LH static port
.....Check
- W. Tow bar and chocksREMOVE
stow on board pitot, static