

**PREFLIGHT**

1. Aircraft Documents ..... ON BOARD
2. Weight and balance ..... CALCULATE
3. Safety belts ..... CHECK
4. Ignition ..... OFF
5. Master switch ..... ON
6. Voltmeter ..... CHECK
7. Fuel level ..... CHECK
8. Flaps ..... LANDING
9. Fuel selector ..... LEFT OR RIGHT
10. Master switch ..... OFF
11. First Aid Kit ..... CHECK
12. Fire extinguisher ..... CHECK
13. ELT ..... CHECK
14. Starter – Circuit Breaker ..... OUT
15. Baggage ..... STOWED & SECURED

**EXTERIOR INSPECTION**

**LEFT WING**

1. Leading edge and skin ..... VISUAL CHECK
2. Pitot tube ..... CLEAN
3. Strobe light ..... VISUAL CHECK
4. Tank vent line, aileron ..... VISUAL CHECK
5. Flap ..... VISUAL CHECK
6. Fuel cap ..... CHECK
7. Left Main Landing Gear ..... CHECK
8. Fuel drain ..... PERFORM

**TAIL**

1. Antennas ..... VISUAL CHECK
1. Stabilator, tab ..... VISUAL CHECK
2. Vertical tail, rudder ..... VISUAL CHECK

**RIGHT WING**

1. Fuel drain ..... PERFORM
2. Fuel cap ..... CHECK
3. Right Main Landing Gear ..... CHECK
4. Flap ..... VISUAL CHECK
5. Aileron, tank vent line ..... VISUAL CHECK
6. Strobe light ..... VISUAL CHECK
7. Leading edge and skin ..... VISUAL CHECK
8. Stall indicator ..... CHECK

**NOSE**

1. Right static port ..... CHECK
2. Nose Gear ..... CHECK
3. Propeller ..... CLEARANCE MIN 30 CM
4. Propeller Blades ..... CHECK
5. Spinner ..... VISUAL CHECK
6. Cowlings ..... OPEN
7. Air Intakes ..... CLEAR
8. Cowling ..... VISUAL CHECK
9. Coolant level in expansion tank ..... VERIFY
10. Coolant level in the overflow bottle ..... VERIFY
11. Oil tank ..... OPEN
12. Propeller ..... ROTATE
13. Oil ..... CHECK LEVEL
14. Oil tank ..... CLOSE
15. Cowlings ..... CLOSE
16. Landing/Taxi lights ..... VISUAL CHECK
17. Tow bar and chocks ..... REMOVE
18. Fuel Drain ..... PERFORM
19. Left static port ..... CHECK
20. Windshield, windows ..... VISUAL CHECK
21. Windshield, windows ..... VISUAL CHECK
22. One more 360° ..... PERFORM

**BEFORE STARTING ENGINE**

1. Seat, safety belts .... FASTENED & ADJUSTED
2. Parking Brake ..... ON
3. Passenger briefing ..... COMPLETED
3. Flight Controls ..... FREE & CORRECT
4. Throttle Friction ..... CHECK
5. Circuit Breakers ..... ALL IN
6. Fuel Selector ..... LEFT
7. Master switch ..... ON
8. Engine Page ..... SELECT
9. Doors ..... CLOSED

**ENGINE START**

1. Throttle ..... IDLE
2. Strobe/NAV Lights ..... ON
3. Fuel Pump ..... ON
4. Brakes ..... HOLD
5. Choke ..... AS REQUIRED
5. Propeller Area ..... CLEAR
6. Starter ..... ENGAGE ( MAX 10 SEC)
7. Throttle ..... 1000 - 1200 RPM
8. Oil Pressure ..... CHECK
9. Generator switch ..... ON
10. Voltmeter ..... CHECK >14V
11. Engine instruments ..... CHECK
12. Fuel Pump ..... OFF
13. Fuel Pressure ..... CHECK
14. Choke ..... AS REQUIRED
15. Throttle ..... 1000-1200 RPM

**AFTER STARTING ENGINE**

1. Cabin Heat and Defrost ..... AS REQUIRED
2. Flaps ..... SET FOR TAKE-OFF
3. Avionic Master ..... ON
4. Radios/NAV/GPS ..... SET
5. Altimeters ..... SET
6. STBY Instr Batt > 80% ..... CHECK

**TAXI**

1. Off-block time ..... NOTICE
2. Taxi light ..... ON
3. Parking Brake ..... OFF
4. Brakes ..... CHECK
5. Flight Instruments ..... CHECK

**RUN UP POSITION**

1. Parking Brake ..... ON
2. Taxi light ..... OFF
3. Choke ..... OFF
4. Engine parameters ..... CHECK
5. Caution/Warnings ..... OFF
6. Day/night Switch ..... CHECK
7. Fuel tank ..... LEFT
8. Fuel pressure ..... CHECK
9. Throttle ..... 1640 RPM SET
10. Magnetos ..... CHECK (DROP 130 DIFF±50)
11. Carburettor heat... ON/OFF (100 RPM DROP)
12. Throttle ..... IDLE/1000 RPM SET
13. Take-Off Briefing ..... COMPLETED

CHECK LISTS MARKED WITH THE THICK VERTICAL LINE ON THE LEFT SHOULD BE MEMORIZED VERSION II – 12.03.2021  
 BASED ON P2008JC AFM Doc. No. 2008/100 Ed. 2 – Rev.2  
 Manufactured by PUND®

Line Up 

**LINE UP**

1. Doors ..... CLOSED & LOCKED
1. Fuel Pump ..... ON
3. Pitch trim ..... CHECK/NEUTRAL
4. Carburettor heat ..... OFF
5. Parking Brake ..... OFF
6. Transponder ..... ALT
7. Flaps ..... T/O
8. Taxi/Landing Lights ..... ON

**TAKE-OFF**

1. Take-off power ..... SET
2. Throttle ..... 2100±100 RPM
3. Engine Instruments ..... CHECK
4. Rotation ..... 48 KIAS
5. Climb speed ..... 65 KIAS

**CLIMB**

1. Landing/Taxi Light ..... OFF
2. Flaps ..... UP
3. Throttle ..... 2100 RPM
4. Fuel Pump ..... OFF
5. Fuel Pressure ..... CHECK
6. Climb speed ..... 70 KIAS

**CRUISE**

1. Cruise Power ..... SET - 2000 RPM
2. Engine instruments ..... CHECK
3. Carburettor heat ..... AS REQUIRED
4. Fuel Consumption ..... CHECK

**FINAL**

1. Fuel Pump ..... ON
2. Carburettor heat ..... OFF
3. Flaps ..... LDG
4. Landing/Taxi Light ..... ON
5. Approach Speed ..... 65 KIAS

**GO AROUND**

1. Throttle ..... FULL
2. Flaps ..... T/O
3. Airspeed ..... 65 KIAS

**RUNWAY VACATED**

1. Fuel Pump ..... OFF
2. Transponder ..... ASTBY
3. Flaps ..... UP
4. Landing Light ..... OFF

**SHUT DOWN POSITION**

1. Parking Brake ..... ON
2. Taxi light ..... OFF
3. Engine ..... 1200 RPM/1 MINUTE
4. Avionics Master ..... OFF
5. Generator switch ..... OFF
6. Ignition-slowly ..... 1-2-OFF
7. Lights ..... OFF
8. Master switch ..... OFF
9. Fuel Selector ..... OFF
10. Starter – Circuit Breaker ..... OUT

# EMERGENCY PROCEDURES

# TECNAM PC2008JC

# SP-KAR SP-KAS SP-KAZ

## ENGINE FAILURE DURING TAKE-OFF

1. Throttle..... IDLE
2. Brakes..... AS REQUIRED
3. Rudder..... MAINTAIN DIRECTION
4. Fuel Selector..... OFF
5. Fuel Pump..... OFF
6. Ignition..... OFF
7. Cabin Heat..... OFF
8. Alternator, Master Switch..... OFF
9. Parking Brake..... ON
10. Evacuation..... PERFORM

## ENGINE FAILURE AFTER TAKE-OFF

### INSUFFICIENT ENGINE POWER

1. Airspeed..... 60 KIAS
2. Place to land..... FIND
3. Flaps..... AS REQUIRED

### SHORTLY BEFORE LANDING

1. Throttle..... IDLE
2. Ignition..... OFF
3. Fuel Selector..... OFF
4. Fuel Pump..... OFF
5. Alternator, Master Switch..... OFF

## ENGINE FAILURE DURING FLIGHT

### FUEL PRESS <2.2/FP LOW – ON

1. Fuel Pump..... ON
2. Fuel Selector..... SET FOR OPPOSITE
3. Fuel Quantity..... CHECK

### NO CHANGE

1. Land..... ASAP

## ENGINE RESTART DURING FLIGHT

1. Carburettor heat..... AS REQUIRED
2. Fuel Pump..... ON
3. Fuel Quantity..... CHECK
4. Fuel Selector..... SET FOR OPPOSITE
5. Ignition..... ON
6. Throttle..... SET

### IN CASE OF UNSUCCESSFUL

1. Engine..... SECURE
2. Land..... ASAP

## ENGINE SECURING

1. Throttle..... IDLE
2. Ignition..... OFF
3. Fuel Selector..... OFF
4. Fuel Pump..... OFF
5. Generator Switch..... OFF

## FORCED LANDING

1. Airspeed..... 71 KIAS
2. Place to land..... FIND
3. Flaps..... AS REQUIRED

### SHORTLY BEFORE LANDING

1. Throttle..... IDLE
2. Ignition..... OFF
3. Fuel Selector..... OFF
4. Fuel Pump..... OFF
5. Alternator, Master Switch..... OFF

## GLIDING

1. Flaps..... UP
2. Airspeed..... 71 KIAS
3. Glide ratio..... 12,8

## ENGINE FIRE DURING FLIGHT

1. Cabin Heat..... OFF
2. Fuel Selector..... OFF
3. Fuel Pump..... OFF
4. Throttle..... FULL FORWARD
5. Ignition..... OFF
6. Cabin Vents..... OPEN
7. Land..... ASAP

## ENGINE FIRE ON THE GROUND

1. Fuel Selector..... OFF
2. Fuel Pump..... OFF
3. Ignition..... OFF
4. Throttle..... FULL FORWARD
5. Cabin Heat..... OFF
6. Alternator, Master Switch..... OFF
7. Parking Brake..... ON
8. Evacuation..... PERFORM

## CABIN FIRE/ELECTRICAL SMOKE IN CABIN DURING FLIGHT

1. Cabin Heat..... OFF
2. Cabin Vents..... OPEN
3. Fire Extinguisher..... USE

### IF SMOKE PERSISTS

1. Alternator, Master Switch..... OFF
2. Land..... ASAP

## ELECTRICAL SMOKE/FIRE IN CABIN ON THE GROUND

1. Generator Switch..... OFF
2. Throttle..... IDLE
3. Ignition..... OFF
4. Fuel Selector..... OFF
5. Master Switch..... OFF
6. Evacuation..... PERFORM

## EVACUATION

1. Parking Brake..... ON
2. Seat Belts..... UNSTRAP
3. Headphones..... REMOVE
4. Doors..... OPEN
5. Escape away..... PERFORM

## RECOVERY FROM UNINTENTIONAL SPIN

1. Throttle..... IDLE
2. Rudder..... OPPOSITE DIRECTION
3. Stick..... NEUTRAL

### AT THE SPIN STOPS

1. Rudder..... NEUTRAL
2. Stick..... SMOOTHLY PULL
3. Throttle..... SET

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## TRIM RUNAWAY

1. Trim Cutout Switch..... OFF
2. Airspeed..... ADJUST
2. Land..... ASAP

## TRIM JAMMING

1. Breaker..... IN
  2. LH/RH Trim switch..... CHECK POSITION
- ### IF JAMMING PERSISTS
1. Trim Cutout Switch..... ON
  2. Airspeed..... ADJUST
  3. Land..... ASAP

## FLAPS FAILURE

1. Approach speed..... 64 KIAS
2. Landing length..... INCREASED 35%

## ALTOUT CAUTION IS ON

1. Breaker..... CHECK IN
2. Generator Switch..... OFF/1 SEC/ON

### NO CHANGE

1. Generator Switch..... OFF
2. Electrical Load..... REDUCE
3. Land..... ASAP

## PITOT HEAT CAUTION IS ON

1. Pitot Heat Switch..... OFF
2. Breaker..... CHECK IN
3. Pitot Heat Switch..... ON

### NO CHANGE

1. Visible Moisture Conditions..... AVOID

## OP LOW WARNING IS ON / OIL PRESS<12 PSI

1. Throttle..... REDUCE
2. Land..... ASAP

## HIGH OIL TEMPERATURE

1. Throttle..... REDUCE
2. Airspeed..... INCREASE

### NO CHANGE

1. Land..... ASAP

## CHT/CT LIMIT EXCEEDANCE

1. Throttle..... REDUCE
2. Land..... ASAP

## AIRSPEED FOR SAFE OPERATION

- Rotation Speed (V<sub>R</sub>) FLAP T/O..... 48 KIAS  
Best Rate-of-Climb (V<sub>y</sub>) FLAP UP..... 71 KIAS  
Best Angle-of-Climb (V<sub>x</sub>) FLAP UP..... 65 KIAS  
Max Flaps Extended (V<sub>FE</sub>)..... 71 KIAS  
Approach Speed FLAP LDG..... 65 KIAS  
Touch Down Speed FLAP LDG..... 54 KIAS  
Best Glide Angle Speed..... 71 KIAS  
Maneuvering Speed (V<sub>A</sub>)..... 99 KIAS  
Never Exceed Speed (V<sub>NE</sub>)..... 145 KIAS  
Max Demo Crosswind..... 15 KIAS