

PREFLIGHT

1. Aircraft Documents ON BOARD
2. Weight and balance CALCULATE
3. Safety belts CHECK
4. Ignition OFF
5. Master Switch ON
6. ALT OUT Caution CHECK/ON
7. Voltmeter CHECK
8. Lights ON/CHECK/OFF
9. Stall warning CHECK
10. Fuel level CHECK
11. Flaps LANDING
12. Fuel Selector LEFT/RIGHT
13. Fuel Pump CHECK
14. Master switch OFF
15. First Aid Kit CHECK
16. Fire Extinguisher CHECK
17. ELT CHECK
18. Baggage STOWED & SECURED

EXTERIOR INSPECTION

LEFT WING

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

TAIL

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

RIGHT WING

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

NOSE

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

BEFORE STARTING ENGINE

1. Seat, safety belts FASTENED & ADJUSTED
2. Parking Brake ON
3. Flight Controls FREE & CORRECT
4. Throttle Friction CHECK
5. Circuit Breakers ALL IN
6. Master switch ON
7. Pitot heating CHECK
8. Avionic Master ON
9. Instruments CHECK
10. Pitch Trim LH/RH UP/DOWN/NEUTRAL
11. Doors CLOSED & LOCKED

ENGINE START

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

AFTER STARTING ENGINE

1. Cabin Heat and Defrost AS REQUIRED
2. Flaps SET FOR TAKE-OFF
3. Radio ON
4. Altimeter SET
5. Radios/NAV/GPS SET

TAXI

1. Taxi light ON
2. Parking Brake OFF
3. Brakes CHECK
4. Flight Instruments CHECK

RUN UP POSITION

1. Parking Brake ON
2. Taxi light OFF
2. Engine parameters CHECK
3. Caution/Warnings OFF
4. ALT OUT Caution OFF
5. Tank with fullest fuel SELECT
6. Fuel pressure CHECK
7. Throttle 1640 RPM SET
8. Magnetos CHECK (DROP 130 DIFF±50)
9. Carburettor heat ON/OFF (100 RPM DROP)
10. Throttle IDLE/1000 RPM SET
11. Take-Off Briefing COMPLETED

CHECK LISTS MARKED WITH THE THICK VERTICAL LINE ON THE LEFT SHOULD BE MEMORIZED
 VERSION 1 – 20.01.2021
 BASED ON P2008JC AFM Doc. No. 2008/100 Ed. 2 – Rev.2

LINE UP

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

TAKE-OFF

1. Take-off power SET
2. Throttle 2100±100 RPM
3. Engine Instruments CHECK
4. Rotation 48 KIAS
5. Climb speed 60 KIAS

CLIMB

1. Landing/Taxi Light OFF
2. Flaps UP
3. Throttle 2250 RPM
4. Fuel Pump OFF
5. Fuel Pressure CHECK

CRUISE

1. Cruise Power SET (2100 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. Landing Light OFF
2. Flaps UP
3. Fuel Pump OFF

SHUT DOWN POSITION

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

EMERGENCY PROCEDURES

TECNAM PC2008JC

SP-KAZ SP-K... SP-K...

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

AIRSPEED FOR SAFE OPERATION

- Rotation Speed (V_R) FLAP T/O 48 KIAS
Best Rate-of-Climb (V_Y) FLAP UP 71 KIAS
Best Angle-of-Climb (V_X) FLAP UP 65 KIAS
Max Flaps Extended (V_{FE}) 71 KIAS
Approach Speed FLAP LDG 65 KIAS
Touch Down Speed FLAP LDG 54 KIAS
Best Glide Angle Speed 71 KIAS
Maneuvering Speed (V_A) 99 KIAS
Never Exceed Speed (V_{NE}) 145 KIAS
Max Demo Crosswind 15 KIAS