

PREFLIGHT

1. Aircraft Documents ON BOARD
2. Weight and balance CALCULATE
3. Control Lock REMOVE
4. Ignition OFF
5. Master switch ON
6. Voltmeter CHECK
7. Fuel level CHECK
8. Flaps LANDING
9. Fuel selector BOTH
10. Master switch OFF
11. First Aid Kit CHECK
12. Fire extinguisher CHECK
13. ELT CHECK
14. Baggage STOWED & SECURED

EXTERIOR INSPECTION

LEFT WING

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

TAIL

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

RIGHT WING

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

NOSE

1. Static port CHECK
2. Nose Gear CHECK
3. Propeller Blades CHECK
4. Spinner VISUAL CHECK
5. Air Intakes CLEAR
6. Cowling VISUAL CHECK
7. Oil CHECK LEVEL
8. Tow bar and chocks REMOVE
9. Fuel Drain PERFORM
10. Windshield, windows VISUAL CHECK
11. 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. Circuit Breakers ALL IN
5. Fuel Selector BOTH
6. Master switch ON
7. Doors CLOSED

ENGINE START

1. Mixture FULL RICH
2. Carb Heat OFF
3. Beacon Light ON
4. Brakes HOLD
5. Prime AS REQUIRED
6. Throttle OPEN 1/8"
7. Prop Area CLEAR
8. Starter ENGAGE (MAX 10 SEC)
9. Throttle 1000 RPM
10. Oil Pressure CHECK
11. Avionics ON
12. Radios SET
13. Engine instruments CHECK
14. Flaps 10°
15. READY TO TAXI

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. Flight Controls FREE & CORRECT
4. Engine parameters CHECK
5. Fuel Valve BOTH
6. Mixture RICH
7. Trim SET FOR T/O
8. Throttle 1700 RPM SET
10. Magnetos CHECK (DROP 125 DIFF±50)
11. Carburettor heat ON/OFF (RPM DROP)
12. Engine parameters CHECK
13. Throttle IDLE/1000 RPM SET
14. Take-Off Briefing COMPLETED

LINE UP

1. Doors CLOSED & LOCKED
1. Trim CHECK
4. Carburettor heat OFF
5. Parking Brake OFF
6. Transponder ALT
7. Flaps T/O
8. Taxi/Landing Lights ON

TAKE-OFF

1. Throttle FULL
2. Engine Instruments CHECK
3. Rotation 55 KIAS
4. Climb speed 70 KIAS

CLIMB

1. Flaps UP
2. Throttle SET
3. Landing/Taxi Light OFF
4. Climb speed 70-80 KIAS

CRUISE

1. Cruise Power 2200-2500 RPM
2. Engine instruments CHECK
3. Carburettor heat AS REQUIRED
4. Fuel Selector AS REQ
5. Fuel Consumption CHECK

FINAL

1. Fuel Selector BOTH
2. Landing/Taxi Light ON
3. Speed CHECK
4. Carburettor heat AS REQ
5. Mixture FULL RICH
6. Flaps AS REQ
7. Approach Speed 70 KIAS

GO AROUND

1. Throttle FULL
2. Flaps T/O
3. Airspeed 70 KIAS

RUNWAY VACATED

1. Carburetor heat OFF
2. Flaps UP
3. Landing Light OFF
4. Transponder STBY

SHUT DOWN POSITION

1. Brake SET
2. Taxi light OFF
3. Engine/cooling PERFORM
4. Avionics OFF
5. Mixture FULL LEAN
6. Ignition OFF
7. Keys REMOVE
8. Master switch OFF



CHECK LISTS MARKED WITH THE THICK VERTICAL LINE ON THE LEFT SHOULD BE MEMORIZED
VERSION I – 01.06.2021

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 70 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

CABIN FIRE/ELECTRICAL SMOKE 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

CHECK LISTS MARKED WITH THE THICK VERTICAL LINE ON THE LEFT SHOULD BE MEMORIZED
VERSION III – 30.03.2021
BASED ON P2008JC AFM Doc. No. 2008/100 Ed. 2 – Rev.2

Manufactured by PUND® modified by WilAir

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_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