

Cessna 172P Skyhawk (1982) documentation

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1 Preamble

This procedure list should be considered incomplete and it is not intended for real world use. It is automatically generated documentation intended for FlightGear flight simulator.

2 Checklists

2.1 Preflight Inspection

2.2 Before Starting Engine

Preflight Inspection	COMPLETE
Water rudders operation (float plane)	CHECK
Water rudders (float plane)	DOWN (on the water)
Passenger Briefing	COMPLETE
Seats, Seat Belts, Shoulder Harnesses	ADJUST and LOCK
Brakes	TEST and SET (shift-B)
Circuit Breakers	CHECK IN
Electrical Equipment, Autopilot	OFF

2.3 Starting Engine

Battery Master Switch	ON
Flashing Beacon	ON
Prime	As Required - 2-6 strokes
Carburetor Heat	COLD
Throttle	OPEN 1/8 INCH
Mixture	RICH
Propellor Area	CLEAR

Magnetos BOTH
Ignition Switch ON
Oil Pressure CHECK
Alternator Master Switch ON
Avionics Power Switch ON
Navigation Lights, Flashing Beacon ON as required
Radios ON

2.4 Before Takeoff

2.5 Normal Takeoff

Wing Flaps 0 - 10 degrees
Carburetor Heat COLD
Mixture RICH
Throttle FULL OPEN
Elevator Control LIFT NOSE WHEEL

2.6 Short Field Takeoff

Wing Flaps 10 degrees
Carburetor Heat COLD
Brakes APPLY
Throttle FULL OPEN
Mixture RICH
Brakes RELEASE
Elevator Control SLIGHTLY TAIL LOW
Climb Speed 56 KIAS

2.7 Water Takeoff

Water rudders UP
Wing Flaps 20 degrees
Carburetor Heat COLD
Mixture RICH
Elevator Control LIGHT BACK PRESSURE
Throttle FULL OPEN (SLOWLY)

2.8 After Takeoff

Wheels (amphibious) UP
Water rudders (float plane) UP

2.9 Enroute Climb

Airspeed 70-85 KIAS
Throttle FULL OPEN
Mixture RICH

2.10 Cruise

Altimeter SET STD/QNH
Power 2100-2700 RPM
Elevator Trim ADJUST
Mixture LEAN
Fuel Quantity CHECK
Lights AS REQUIRED

2.11 Descent

ATIS NOTED
Altimeter SET QNH
Landing Light ON
Fuel Quantity CHECK

Fuel Selector Valve BOTH
Power AS DESIRED
Mixture ADJUST for smooth operation
Carburetor Heat FULL HEAT AS REQUIRED

2.12 Before Landing

Seats, Seat Belt, Shoulder Harnesses SECURE
Wheels (amphibious, land) DOWN
Wheels (amphibious, water) UP
Water rudders (float plane) UP
Fuel Selector Valve BOTH
Mixture RICH
Carburetor Heat FULL HEAT
Autopilot OFF
Landing Light ON

2.13 Normal Landing

Airspeed 65-75 KIAS (flaps UP)
Wing Flaps AS DESIRED
Airspeed 60-70 KIAS (flaps DOWN)
Touchdown MAIN WHEELS FIRST
Landing Roll LOWER NOSE WHEEL GENTLY
Braking MINIMUM REQUIRED

2.14 Short Field Landing

Airspeed 65-75 KIAS (flaps UP)
Wing Flaps FULL DOWN (30 degrees)
Airspeed 61 KIAS (until flare)
Power REDUCE to idle after clearing obstacle
Touchdown MAIN WHEELS FIRST
Braking APPLY HEAVILY
Wing Flaps RETRACT

2.15 Water Landing

Airspeed 65-75 KIAS (flaps UP)
Wing Flaps AS DESIRED
Airspeed 60-70 KIAS (flaps DOWN)
Touchdown SLIGHTLY TAIL LOW
Landing Roll HOLD YOKE FULL AFT

2.16 Aborted Landing

Throttle FULL OPEN
Carburetor Heat COLD
Wing Flaps 20 degrees (immediately)
Climb Speed 55 KIAS
Wing Flaps 10 degrees (until obstacles are cleared)

2.17 After Landing

Water rudders (float plane) DOWN (on the water)
Carburetor Heat COLD
Wing Flaps UP
Transponder Mode SBY
Landing Light AS REQUIRED
Taxi Light ON

2.18 Securing Airplane

Parking Brake SET
Power SET 1000 RPM
Avionics, Power, Electrical, Autopilot ALL OFF
Avionics Power Switch OFF
Mixture PULLED FULL OUT
Magnetos OFF
Flashing Beacon OFF

Alternator Master Switch OFF
Battery Master Switch OFF
Control lock INSTALL
Walker STEP OUT OF AIRCRAFT
Pitot tube COVER
Left tie-down SECURED
Wheel Chocks PLACED
Cowl Plugs PLACED
Right tie-down SECURED
Tail tie-down SECURED
Doors CLOSED AND LOCKED

2.19 EMERGENCY: Eng. Fail (Takeoff Roll)

Throttle IDLE
Wheel brakes APPLY
Flaps RETRACT
Mixture CUT OFF
Magnetos/Ignition OFF
Battery Master Switch OFF

2.20 EMERGENCY: Eng. Fail (Takeoff)

Airspeed 60-65 KIAS
Mixture CUT OFF
Fuel Selector Valve OFF
Magnetos/Ignition OFF
Flaps FULL
Battery Master Switch OFF

2.21 EMERGENCY: Eng. Fail (Flight)

- Airspeed 65 KIAS
- Carburetor Heat ON
- Fuel Selector Valve BOTH
- Mixture RICH
- Magnetos/Ignition BOTH (or START if prop is stopped)
- Primer A few strokes, then

2.22 EMERGENCY: Eng. Fail (Landing)

- Airspeed 60-65 KIAS
- Mixture CUT OFF
- Fuel Selector Valve OFF
- Flaps FULL
- Battery Master Switch OFF
- Touchdown SLIGHTLY TAIL LOW
- Wheel brakes APPLY HEAVILY

2.23 EMERGENCY: Ditching

- Radio MAYDAY on 121.5 MHz
- Squak 7700
- Flaps FULL
- Airspeed 60-65 KIAS
- After touchdown LEAVE AIRPLANE IMMEDIATELY