



N52922

Standard Procedures

1981 Cessna **172P** - SN 17274635

AIRCRAFT ACCEPTANCE

Parking Brake SET
Tachometer Time LOGGED
AROW CHECKED

PREFLIGHT INSPECTION

1. Cabin

Control Lock REMOVED
Pitot Cover REMOVED
Master Switch OFF
Magnetos OFF
All Avionics OFF
Fuel Selector Valve BOTH

2. Empennage

Baggage Door LOCKED
Static Ports CHECKED
Horizontal Stab/ Elevator CHECKED
Vertical Stab/Rudder CHECKED
Antennas CHECKED
Tail Tie Down Removed

3. Right Wing

Flap and Aileron CHECKED
Wing Tip/Leading Edge CHECKED
Strut/Tie Down Removed
Tire and Brake CHECKED
Fuel Drain CHECKED
Fuel Level/Cap CHECKED/SECURED

4. Nose

Engine Oil (6 qt LFC min) CHECKED
Tire and Strut CHECKED
Fuel Drain CHECKED
Air Filter CLEAR
Alternator Belt CHECKED
Propeller and Spinner CHECKED
Landing Light CHECKED
Static Source CHECKED
Windshield CHECKED

5. Left Wing

Pitot Tube CHECKED
Fuel Vent CHECKED
Stall Warning CHECKED
Strut/Tie Down Removed
Wing Tip/Leading Edge CHECKED
Flap and Aileron CHECKED
Tire and Brake CHECKED
Fuel Drain CHECKED
Fuel Level/Cap CHECKED/SECURED

STARTING ENGINE

Personal (Optional) Electronics ON & SET
Passenger Briefing COMPLETE
Seat and Seatbelts ADJUST & LOCK
Parking Brakes SET
Circuit Breakers Checked
Avionics Switch OFF
Fuel Selector Valve Both
Mixture Full Rich
Throttle IN ½ inch
Carburetor Heat OFF
Fuel Prime TWICE SLOWLY ONLY IF COLD
Master ON
Foot Brakes ON
Prop CLEAR
Ignition Switch START
Throttle (800-1000 RPM) SET
Oil Pressure CHECKED
Flaps OPERATE / THEN UP
Fuel Quantity CHECK BOTH GAUGES
Radios ON & SET
Intercom & Headsets ON & TEST
Weather Frequency MONITOR & COPY
Altimeter SET
Transponder Code SET / ON
Heading/Compass ALIGN
Lights AS NEEDED
Taxi Area CONFIRM CLEAR

TAXI

Radio ANNOUNCE INTENTIONS
Brakes RELEASE, THEN CHECK

BEFORE TAKEOFF RUN-UP

Parking Brake SET
Seats & Seatbelts CHECK
Cabin Doors/Windows CLOSED & LOCKED
Flight Controls FREE & CORRECT
Flight & Engine Instruments CHECKED
Mixture RICH
Trim Takeoff
Oil Temperature GREEN
Throttle 1700 RPM
Suction (Vacuum) 4.6-5.4
Magnetos CHECKED (150 max/50 diff)
Carb Heat On, Check for Slight Drop, Off
Ammeter CHECKED
Throttle Idle CHECKED
Throttle 800-1000 RPM
Throttle Friction SET
Radios Frequencies (both) CHECK
Left & Right Fuel Gauges CHECK
Abort Plan GOT ONE?

AFTER CLEARED FOR RUNWAY

Trim Takeoff
Lights and Strobe AS REQUIRED
Transponder CHECK CODE/ON
Mixture As Required (Usually Full Rich)
Carburetor Heat OFF

TAKEOFF

Flaps (0°-10° As required) SET
Throttle FULL
Rotate 57 Knots

CLIMB

Best Rate of Climb (V^y) 76 Knots
Best Angle of Climb (V^x) 62 Knots
Throttle USUALLY FULL
Mixture USUALLY FULL
(adjust for max RPM above 3000°)
Engine Instruments MONITOR

CRUISE

Lights & Strobe AS REQUIRED
Power AS REQUIRED
Mixture.....RICH OF PEAK
Fuel Selector.....USUALLY BOTH
Engine InstrumentsMONITOR

VFR Approach Speeds

Downwind	2000 RPM Carb Heat	90 K
Numbers (10°)	1700 RPM	80 K
Base (20°)	1600 RPM	70 K
Final (30°)	1500 RPM	65 K

Suggested IFR Approach Settings (adjust as needed)

ILS	1900 RPM	500 FPM
Localizer	1700 RPM	700 FPM
VOR	1700 RPM	700 FPM

V Speeds

Normal Climb	75-85 K	
V _X (Angle)	62 K	
V _Y (Rate)	76 K	
Best Glide	70/65 K	Flaps N/Y
V _A	105/95/85 K	
V _{FE}	110/85 K	Flaps N/10/20+
V _{NE}	158 K	
V _{NO}	127 K	

DESCENT

Power AS REQUIRED
Mixture.....RICH
Fuel Selector Valve BOTH
Lights & Strobes..... ON
Carburetor Heat ON BELOW GREEN

BEFORE LANDING

Seats & Seatbelts CHECKED
Fuel Selector..... BOTH
Mixture.....USUALLY RICH
Carburetor Heat ON

AFTER LANDING

- After Clearing The Runway-

Lights..... AS REQUIRED
Strobes OFF
Mixture..... LEAN SLIGHTLY
Carburetor Heat OFF
Flaps..... UP

SHUTDOWN, PARK & SECURE

Avionics OFF
Throttle IDLE
Mixture..... CUT OFF
Ignition Switch..... OFF
Master Switch OFF
Interior/Exterior Lights OFF
Control Lock..... INSTALL
Hobbs timeRECORD IN BOOK
Personal electronics & headsetsSECURE
Seatbelts & shoulder harnessesSECURE
Control lock..... INSTALL
Pitot Cover..... INSTALL
Foam tail plugINSTALL
Tail tie-downINSTALL
Wing tie-downsINSTALL
Bug removal.....Leading wing edges, struts
Bug removal..... Tail leading edge, wheels, nose
Windshield CLEAN ONLY AS INSTRUCTED
Doors, baggage doorLOCK
Nose plugs.....INSTALL

The aircraft is owned and operated by the members of Northwest Florida Flyers, Inc, and is based in Marianna, Florida (KMAI).
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This normal operations checklist was edited by Ross Statham on May 14, 2022 based from an online Cessna 172P POH, his own previous Cessna 172M checklist and from flying this particular aircraft.

This checklist is a work in progress. See an error, or have a suggestion for improvement? Please email Ross at stathamross@gmail.com or call him at 770-329-5400 and thanks!

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