NAVIGRAPH
ACADEMY

Cessna 172
CHECKLISTS

Intended for use with Navigraph Academy.
Always consult the Academy Cessna 172
User Guide before flight.

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CHECKLIST

AIRCRAFT	CESSNA	**DATE**	2025-12-09
MODEL	172	**REVISION**	2

ON GROUND CHECKLISTS

COCKPIT SETUP

Brakes ..... **SET**

Circuit breakers ..... **ALL IN**

Electrical equipment ..... **OFF**

Avionics switches (BUS 1 and 2) ..... **OFF**

Fuel selector valve ..... **BOTH**

Fuel shut off valve ..... **FULL IN**

BEFORE ENGINE START

Throttle ..... **OPEN ¼ INCH**

Mixture ..... **IDLE CUT OFF**

Standby battery ..... **HOLD AT TEST**

Test light ..... **VERIFY LIT 10s**

Standby battery ..... **ARM**

Engine indications ..... **NO RED X**

Bus E voltage ..... **MIN 24 V**

Bus M voltage ..... **MAX 1.5 V**

Standby Battery Amps ..... **DISCHARGE**

Standby Battery Annunciation ..... **SHOWN**

Beacon light ..... **ON**

Propeller area ..... **CLEAR**

Master switch (BAT + ALT) ..... **ON**

ENGINE IS COLD

Fuel pump ..... **ON**

Mixture ..... **RICH**

Fuel flow ..... **STABLE 3-5 s**

Mixture ..... **IDLE CUT OFF**

Fuel pump ..... **OFF**

For simulator use only.
Do not use in real operations.

STARTING ENGINE

Magentos switch ..... **START**

(at ignition) Magento switch ..... **BOTH**

(at ignition) Mixture ..... **RICH**

Oil pressure (within 30-60s) ..... **GREEN**

M BATT & S BATT Amps ..... **CHARGING**

Low volts annunciator ..... **NOT SHOWN**

Avionics switches (BUS 1 & 2) ..... **ON**

TAXI CHECKLIST

Taxi route ..... **BRIEFED**

Taxi light ..... **ON**

Navigation lights ..... **AS REQUIRED**

Left/right side ..... **NO OBSTACLES**

Brakes ..... **CHECKED**

BEFORE TAKE-OFF CHECKLIST

Brakes ..... **SET**

Flight controls ..... **CHECKED**

Flight instruments ..... **NO RED X**

Altimeter ..... **BARO SET**

Standby altimeter ..... **BARO SET**

Standby instruments ..... **CHECKED**

Fuel quantity ..... **SUFFICIENT**

Mixture ..... **RICH**

Fuel selector ..... **BOTH**

Trim ..... **SET FOR T/O**

Throttle ..... **1800 RPM**

Magnetos ..... **CHECKED**

Engine instruments ..... **GREEN**

Annunciators ..... **NOT SHOWN**

Throttle ..... **IDLE -> 1000 RPM**

Flaps ..... **SET FOR TO**

Departure procedure ..... **BRIEFED**

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IN FLIGHT & LANDING CHECKLISTS

LINE UP CHECKLIST

Strobe light ..... **ON**

Parking brake ..... **RELEASED**

Runway/final ..... **CLEAR**

CLIMB CHECKLIST

Throttle ..... **FULL**

Mixture ..... **RICH**

Engine instruments ..... **GREEN**

CRUISE CHECKLIST

Cruise power ..... **SET**

Mixture ..... **AS REQUIRED**

DESCENT CHECKLIST

Mixture ..... **AS REQUIRED**

Altimeter ..... **BARO SET**

Standby altimeter ..... **BARO SET**

Approach procedure ..... **BRIEFED**

BEFORE LANDING CHECKLIST

Fuel selector ..... **BOTH**

Mixture ..... **RICH**

Landing light ..... **ON**

Taxi light ..... **ON**

Autopilot ..... **OFF**

AFTER LANDING CHECKLIST

Flaps ..... **UP**

Strobe light ..... **OFF**

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SECURING AIRPLANE CHECKLIST

Parking brake ..... **SET**

Throttle ..... **IDLE**

Electrical equipment ..... **OFF**

Avionics Switches (BUS 1 & 2)..... **OFF**

Mixture ..... **IDLE CUT OFF**

Magnetos ..... **OFF**

Master switch (BAT + ALT) ..... **OFF**

Standby battery switch ..... **OFF**

Fuel selector ..... **LEFT or RIGHT**

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